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Biotecnología
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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 1 | 2024 | Gurusamy Kutralam-Muniasamy, Venkata Chari S, Pérez Guevara F. Plastisphere-hosted viruses: A review of interactions, behavior, and effects. Journal of Hazardous Materials. Volumen: 472 Número: 134533 ISSN: 0304-3894. | https://doi.org/10.1016/j.jhazmat.2024.134533 |
| 2 | 2024 | Venkata Chari S, Gurusamy Kutralam-Muniasamy. Migration testing of microplastics in plastic food-contact materials: Release, characterization, pollution level, and influencing factors. TrAC Trends in Analytical Chemistry. Volumen: 170 Número: 117421 ISSN: 0165-9936. | https://doi.org/10.1016/j.trac.2023.117421 |
| 3 | 2024 | Gurusamy Kutralam-Muniasamy, Venkata Chari S, Pérez Guevara F, Joel Alba Flores. The emerging field of inductively coupled plasma mass spectrometry for (micro)nanoplastic analysis: " The 3As " analysis, advances, and applications. TrAC Trends in Analytical Chemistry. Volumen: 174 Número: 117673 ISSN: 0165-9936. | https://doi.org/10.1016/j.trac.2024.117673 |
| 4 | 2024 | Venkata Chari S, Gurusamy Kutralam-Muniasamy, Pérez Guevara F. Diagnostic toolbox for plastisphere studies: A review. TrAC Trends in Analytical Chemistry. Volumen: 181 Número: 117996 ISSN: 0165-9936. | https://doi.org/10.1016/j.trac.2024.117996 |
| 5 | 2024 | Brenda Riquelme del Río, Armando Sepulveda-Jauregui, Julio A. Salas-Rabaza, Roy Mackenzie, and Thalasso F. Fine-Scale Spatial Variability of Greenhouse Gas Emissions From a Subantarctic Peatland Bog. Environmental Science & Technology. Volumen: 58 Páginas: 7393-7402 ISSN: 0013-936X. | https://doi.org/10.1021/acs.est.3c10746 |
| 6 | 2024 | Eric Dumonteil, Weihong Tu, Hans Desale, Kelly Goff, Preston Marx, Ortega Lopez J and Claudia Herrera. Immunoglobulin and T cell receptor repertoire changes induced by a prototype vaccine against Chagas disease in naïve rhesus macaques. Journal of Biomedical Science. Volumen: 31 Número: 58 ISSN: 1221-7770. | https://doi.org/10.1186/s12929-024-01050-5 |
| 7 | 2024 | Ramos Valdivia AC and Carlos M. Cerda-García-Rojas. Biosynthesis of oxindole alkaloids: Recent advances and challenges. Current Opinion in Plant Biology. Volumen: 82 Número: 102648 ISSN: 1369-5266. | https://doi.org/10.1016/j.pbi.2024.102648 |
| 8 | 2024 | Nazlı Olguna, Ufuk Tarı, Nurgül Balcı, Safak Altunkaynak, Isıl Gürarslan, Sevil Deniz Yakan, Thalasso F, María Soledad Astorga-Espana, Lea Cabrol, Celine Lavergne, Linn Hoffmann. Lithological controls on lake water biogeochemistry in Maritime Antarctica. Science of the Total Environment. Volumen: 912 Número: 168562 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2023.168562 |
| 9 | 2024 | Carlos Francisco Moreno Cruza, Oscar Monroy Hermosillo, Thalasso F, Olivia Tzintzun Camacho, Florina Ramírez Vives. Toilet effluent separation and brown water treatment: Survey and initial feasibility testing in Mexico. Science of the Total Environment. Volumen: 922 Número: 171281 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2024.171281 |
| 10 | 2024 | Venkata Chari S, Gurusamy Kutralam-Muniasamy, Pérez Guevara F. Microplastisphere antibiotic resistance genes: A bird's-eye view on the plastic-specific diversity and enrichment. Science of The Total Environment. Volumen: 912 Número: 169316 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2023.169316 |
| 11 | 2024 | Venkata Chari S, Gurusamy Kutralam-Muniasamy, Pérez Guevara F. Viruses in the era of microplastics and plastispheres: Analytical methods, advances and future directions. Science of The Total Environment. Volumen: 955 Número: 177010. | https://doi.org/10.1016/j.scitotenv.2024.177010 |
| 12 | 2024 | Venkata Chari S, Gurusamy Kutralam Muniasamy, Pérez Guevara F, Priyadarsi D. Roy c, I. Elizalde-Martínez. Free, but not microplastic-free, drinking water from outdoor refill kiosks: A challenge and a wake-up call for urban management. Environmental Pollution. Volumen: 359 Número: 124699 ISSN: 0269-7491. | https://doi.org/10.1016/j.envpol.2022.119800 |
| 13 | 2024 | Gurusamy Kutralam-Muniasamy, Venkata Chari S, Pérez Guevara F. Microplastic contamination in commercially packaged edible seaweeds and exposure of the ethnic minority and local population in Mexico. Food Research International. Volumen: 176 Número: 113840 ISSN: 0963-9969. | https://doi.org/10.1016/j.foodres.2023.113840 |
| 14 | 2024 | Martha Guevara-Cruz, Karla G. Hernandez-Gomez Citlally Condado-Huerta, Luis E. Gonzalez-Salazar, Ana Karen Pena-Flores, Edgar Pichardo-Ontiveros, Aurora E. Serralde-Zúniga, Monica Sanchez-Tapia, Otoniel Maya, Isabel Medina-Vera, Lilia G. Noriega, Adriana Lopez-Barradas, Oscar Rodríguez-Lima, Irma Mata, Olin Sandoval MV, Nimbe Torres, Armando R. Tovar, Laura A. Velazquez-Villegas. Intermittent fasting, calorie restriction, and a ketogenic diet improve mitochondrial function by reducing lipopolysaccharide signaling in monocytes during obesity: A randomized clinical trial. Clinical Nutrition. Volumen: 43 Páginas: 1914-1928 ISSN: 0261-5614. | https://doi.org/10.1016/j.clnu.2024.06.036 |
| 15 | 2024 | Karla G. Hernández-Gómez, Laura A. Velázquez-Villegas, Omar Granados-Portillo, Azalia Avila-Nava, Luis E. González-Salazar, Aurora E. Serralde-Zúñiga, Berenice Palacios-González, Edgar Pichardo-Ontiveros, Rocio Guizar-Heredia, Adriana M. López-Barradas, Mónica Sánchez-Tapia, Violeta Larios-Serrato, Olin Sandoval MV, Andrea Díaz-Villaseñor, Isabel Medina-Vera, Lilia G. Noriega, Gabriela Alemán-Escondrillas, Victor M. Ortiz-Ortega, Nimbe Torres, Armando R. Tovar and Martha Guevara-Cruz. Acute Effects of Dietary Protein Consumption on the Postprandial Metabolic Response, Amino Acid Levels and Circulating MicroRNAs in Patients with Obesity and Insulin Resistance. International Journal of Molecular Sciences. Volumen: 25 Número: 7716 ISSN: 1661-6596. | https://doi.org/10.3390/ijms25147716 |
| 16 | 2024 | Domingo Jiménez-López, Xoconostle Cázares BG, Berenice Calderón-Pérez , Brenda Yazmín Vargas-Hernández, Leandro Alberto Núñez-Muñoz , José Abrahán Ramírez-Pool and Ruiz Medrano R. Evolutionary and Structural Analysis of PP16 in Viridiplantae. International Journal of Molecular Sciences. Volumen: 25 Número: 2839 ISSN: 1661-6596. | https://doi.org/10.3390/ijms25052839 |
| 17 | 2024 | María Elena Mancera-López and Barrera Cortes J. Influence of Chitosan on the Viability of Encapsulated and Dehydrated Formulations of Vegetative Cells of Actinomycetes. Polymers. Volumen: 16 Número: 2691 eISSN: 2073-4360. | https://doi.org/10.3390/polym16192691 |
| 18 | 2024 | Michel de Jesús Aceves-Sanchez, Jorge Alberto Barrios-Payan, Cristian Alfredo Segura-Cerda, Mario Alberto Flores-Valdez, Dulce Mata-Espinosa, Cesar Pedroza-Roldan, Rahul Yadav, Deepak Kumar Saini, Miguel Angel de la Cruz, Miguel A. Ares, Helle Bielefeldt-Ohmann, Guillermina Baay-Guzman, Isabelle Vergne, Velázquez Fernández JB, Jeannette Barba Leon, Rogelio Hernandez-Pando. BCG?BCG1419c and BCG differ in induction of autophagy, c-di-GMP content, proteome, and progression of lung pathology in Mycobacterium tuberculosis HN878-infected male BALB/c mice. Vaccine. Volumen: 41 Páginas: 3824-3835 ISSN: 0264-410X. | https://doi.org/10.1016/j.vaccine.2023.04.065 |
| 19 | 2024 | Rosangel Ortega-Villar, Adelfo Escalante, Fernando Astudillo-Melgar, Liliana Lizárraga-Mendiola, Gabriela A. Vázquez-Rodríguez, Hidalgo Lara ME and Claudia Coronel-Olivares. Isolation and Characterization of Thermophilic Bacteria from a Hot Spring in the State of Hidalgo, Mexico, and Geochemical Analysis of the Thermal Water. Microorganisms. Volumen: 12 Número: 1066 ISSN: 2076-2607. | https://doi.org/10.3390/microorganisms12061066 |
| 20 | 2024 | Aguilar Lopez R, Pablo A. Lopez-Perez, Ricardo Femat. Unit intensification for exothermic chemical reactors via minimum stabilization time. Chemical Engineering Science. Volumen: 289 Número: 119869 ISSN: 0009-2509. | https://doi.org/10.1016/j.ces.2024.119869 |
| 21 | 2024 | Adriana Vargas-Almendra, Ruiz Medrano R, Leandro Alberto Núñez-Muñoz, José Abrahán Ramírez-Pool, Berenice Calderón-Pérez and Xoconostle Cazares BG. Advances in Soybean Genetic Improvement. Plants-Basel. Volumen: 13 Número: 3073 ISSN: 2223-7747. | https://doi.org/10.3390/plants13213073 |
| 22 | 2024 | Ana Luisa López-Vázquez, Edgar Baldemar Sepúlveda-García, Elizabeth Rubio-Rodríguez, Ponce Noyola MT, Gabriela Trejo-Tapia, Barrera Cortes J, Carlos M. Cerda-García-Rojas and Ramos Valdivia AC. Induction of Monoterpenoid Oxindole Alkaloids Production and Related Biosynthetic Gene Expression in Response to Signaling Molecules in Hamelia patens Plant Cultures. Plants-Basel. Volumen: 13 Número: 966 ISSN: 2223-7747. | https://doi.org/10.3390/plants13070966 |
| 23 | 2024 | Jesús Adrián Barajas González, Yersaín Ely Keller de la Rosa, Rogelio Carrillo-González, Ma. del Carmen Ángeles González-Chávez, Hidalgo Lara ME, Ramón Marcos Soto Hernández, and Braulio Edgar Herrera Cabrera. NaCl Modifies Biochemical Traits in Bacterial Endophytes Isolated from Halophytes: Towards Salinity Stress Mitigation Using Consortia. Plants-Basel. Volumen: 13 Número: 1626 ISSN: 2223-7747. | https://doi.org/10.3390/plants13121626 |
| 24 | 2024 | Velázquez Fernández JB, Claudia Elizabeth Aceves Suriano,Thalasso F, Nina Montoya-Ciriaco, and Dendooven L. Structural and functional bacterial biodiversity in a copper, zinc and nickel amended bioreactor: shotgun metagenomic study. BMC Microbiology. Volumen: 24 Número: 313 ISSN: 1471-2180. | https://doi.org/10.1186/s12866-024-03437-8 |
| 25 | 2024 | Vanessa Romero-Yahuitl, Karla Estephanía Zarco-González, Ana Lilia Toriz-Nava, Mauricio Hernández, Velázquez Fernández JB, Yendi E. Navarro-Noya, Marco Luna-Guido and Dendooven L. The archaeal and bacterial community structure in composted cow manures is defined by the original populations: a shotgun metagenomic approach. Frontiers in Microbiology. Volumen: 15 Número: 1425548 ISSN: 1664-302X. | https://doi.org/10.3389/fmicb.2024.1425548 |
| 26 | 2024 | Iván Salgado, Ernesto Prado Montes de Oca, Isaac Chairez, Luis Figueroa-Yáñez, Alejandro Pereira-Santana, Andrés Rivera Chávez, Velázquez Fernández JB, Teresa Alvarado Parra and Adriana Vallejo. Deep Learning Techniques to Characterize the RPS28P7 Pseudogene and the Metazoa-SRP Gene as Drug Potential Targets in Pancreatic Cancer Patients. Biomedicines. Volumen: 12 Número: 395 ISSN: 2227-9059. | https://doi.org/10.3390/biomedicines12020395 |

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|---|---|---|---|
| 27 | 2024 | Yessica Bautista-Bautista, Erick Arroyo-Alvarez, Gabriela Fuentes, Amaranta Giron-Ramírez, Arianna Chan-Leon, Humberto Estrella-Maldonado, Xoconostle Cazares BG, Jorge M. Santamaría. Genome-wide analysis of HSF genes and their role in the response to drought stress in wild and commercial Carica papaya L. genotypes. Scientia Horticulturae. Volumen: 328 Número: 112889 ISSN: 0304-4238. | https://doi.org/10.1016/j.scienta.2024.112889 |
| 28 | 2024 | L. Arellano-García, M. Mendiola-Chavez, Velázquez Fernández JB. Nitrification of an anaerobic filter effluent in a flat sheet membrane aerated biofilm reactor. Biochemical Engineering Journal. Volumen: 201 Número: 109121 ISSN: 1369-703X. | https://doi.org/10.1016/j.bej.2023.109121 |
| 29 | 2024 | Yeily A. Rangel-Basto, Ramos Valdivia AC Carlos M. Cerda-García Rojas, Ponce Noyola MT. Saccharified sugarcane bagasse as a substrate for astaxanthin production by Xanthophyllomyces dendrorhous. Biomass Conversion and Biorefinery. Volumen: 14 Páginas: 8071-8079 ISSN: 2190-6823. | https://doi.org/10.1007/s13399-022-02934-y |
| 30 | 2024 | Guadalupe Pérez-Morales, Poggi Varaldo HM, Ponce Noyola MT, Abigail Pérez-Valdespino, Everardo Curiel-Quesada, Juvencio Galíndez-Mayer, Nora Ruiz-Ordaz, Perla Xochitl Sotelo-Navarro. A Review of the Production of Hyaluronic Acid in the Context of Its Integration into GBAER-Type Biorefineries. Fermentation-Basel. Volumen: 10 Número: 305 ISSN: 2311-5637. | https://doi.org/10.3390/fermentation10060305 |
| 31 | 2024 | José Abrahán Ramírez-Pool, Berenice Calderón-Pérez, Ruiz Medrano R, Randy Ortiz-Castro, Xoconostle Cazares BG. Bacillus Strains as Effective Biocontrol Agents Against Phytopathogenic Bacteria and Promoters of Plant Growth. Microbial Ecology. Volumen: 87 Número: 76 ISSN: 0095-3628. | https://doi.org/10.1007/s00248-024-02384-1 |
| 32 | 2024 | Gabriela Medina-Pérez, Laura Afanador-Barajas, Sergio Pérez-Ríos, Yendi E. Navarro-Noya, Marco Luna-Guido, Fabián Fernández-Luqueño, Dendooven L. Bacterial Communities in the Rhizosphere of Common Bean Plants (Phaseolus vulgaris L.) Grown in an Arable Soil Amended with TiO2 Nanoparticles. Agronomy-Basel. Volumen: 14 Número: 74 ISSN: 2073-4395. | https://doi.org/10.3390/agronomy14010074 |
| 33 | 2024 | Ricardo Femat, Aguilar Lopez R, and Juan L. Mata-Machuca. Bioprocess Intensification of a Continuous-Flow Enzymatic Bioreactor via Productivity Dynamic Optimization under Modeling Uncertainty. Fermentation-Basel. Volumen: 10 Número: 11 ISSN: 2311-5637. | https://doi.org/10.3390/fermentation10010011 |
| 34 | 2024 | Verónica Aranda-Chan, Rosa Elena Cárdenas-Guerra, Alejandro Otero-Pedraza, Esdras Enoc Pacindo-Cabrales, Claudia Ivonne Flores-Pucheta, Octavio Montes-Flores, Rossana Arroyo and Ortega Lopez J. Insights into Peptidyl-Prolyl cis-trans Isomerases from Clinically Important Protozoans: From Structure to Potential Biotechnological Applications. Pathogens. Volumen: 13 Número: 644 ISSN: 2076-0817. | https://doi.org/10.3390/pathogens13080644 |
| 35 | 2024 | Leandro Alberto Núñez-Muñoz, Martín Eduardo Sánchez-García, Berenice Calderón-Pérez, Rodolfo De la Torre-Almaraz, Ruiz Medrano R, Xoconostle Cazares BG. Metagenomic Analysis of Rhizospheric Bacterial Community of Citrus Trees Expressing Phloem-Directed Antimicrobials. Microbial Ecology. Volumen: 87 Número: 93 ISSN: 0095-3628. | https://doi.org/10.1007/s00248-024-02408-w |
| 36 | 2024 | Dendooven L, Valentín Pérez-Hernández, Gabriel Navarro-Pérez, Juanita Tlalmis-Corona, Yendi E. Navarro-Noya. Spatial and Temporal Shifts of Endophytic Bacteria in Conifer Seedlings of Abies religiosa (Kunth) Schltdl. & Cham. Microbial Ecology. Volumen: 87 Número: 90 ISSN: 0095-3628. | https://doi.org/10.1007/s00248-024-02398-9 |
| 37 | 2024 | Amaury Ábrego-García, Medina Mendoza GG and Luis Alberto Miranda-Romero. The Anti-Methanogenic Activity of Lovastatin in Batch Cultures Using Rumen Inoculum from Sheep, Goats, and Cows. Fermentation-Basel. Volumen: 10 Número: 393 ISSN: 2311-5637. | https://doi.org/10.3390/fermentation10080393 |
| 38 | 2024 | Ana Karen Ivanna Flores-Trujillo, Asunción Guadalupe Morales-Mendoza and Rodríguez Vázquez R. Behavior of a Mixture of Metals for Competiting Adsorption Sites of Untreated and Alkali-Treated Rice Husk. Processes. Volumen: 12 Número: 1299 ISSN: 2227-9717. | https://doi.org/10.3390/pr12071299 |
| 39 | 2024 | Mario Alberto Flores-Valdez, Velázquez Fernández JB, Cesar Pedroza-Roldan, Michel de Jesús Aceves-Sanchez, Abel Gutierrez-Ortega, Wendy Lopez-Romero, Jeannette Barba-Leon, Jacobo Rodríguez-Campos. Proteome and immunogenicity differences in BCG Pasteur ATCC 35734 and its derivative, the vaccine candidate BCGABCG1419c during planktonic growth in 7H9 and Proskauer Beck media. Tuberculosis. Volumen: 144 Número: 102432 ISSN: 1472-9792. | https://doi.org/10.1016/j.tube.2023.102432 |
| 40 | 2024 | Pablo Morales-Rico, JessicaRamos-Diaz, EstefaniMendoza-León, FranciscoSilva-Olmedo and Thalasso F. A simplified open flux chamber method for the measurement of greenhouse gas emissions from activated sludge reactors. Journal of Water and Climate Change. Volumen: 15 Páginas: 2127-2140 ISSN: 2040-2244. | https://doi.org/10.2166/wcc.2024.580 |
| 41 | 2024 | Mayra Alejandra Lopez-Ortega, Marianela Escalante-Aviles, Adriana Ines Rodrıguez-Hernandez, Ma. del Rocio Lopez-Cuellar, Rocio Yaneli Aguirre-Loredo, Vıctor Manuel Martınez-Juarez, Pérez Guevara F, Miguel Angel Hernandez-Valdepena and Norberto Chavarrıa-Hernandez. Co-production of polyhydroxyalkanoates (PHAs) and exopolysaccharides (EPSs) by halophilic archaeon Haloferax mucosum. New Journal of Chemistry. Volumen: 48 Páginas: 20188-20200 ISSN: 1144-0546. | https://doi.org/10.1039/d4nj02422b |
| 42 | 2024 | Oscar Gerardo-Nieto, Martin Merino-Ibarra, Salvador Sánchez-Carrillo, Andrea P. Guzmán-Arias, Fermín S. Castillo-Sandoval, Mariel Barjau-Aguilar, Patricia M. Valdespino-Castillo, Julio A. Lestayo-González, Julio Díaz-Valenzuela, Jorge Alberto Ramírez-Zierold and Thalasso F. Limnological dynamics of methane (CH4) and carbon dioxide (CO2) emissions from a tropical hypertrophic reservoir lake. Journal of Water and Climate Change. Volumen: 15 Páginas: 2364-2378 ISSN: 2040-2244. | https://doi.org/10.2166/wcc.2024.723 |
| 43 | 2024 | B. Estela Valdez-Guzmán, Velázquez Fernández JB & Luis A. Arellano-García. Bioprocessing of reduced sulfur compounds enhanced by treated wastewater with an alkaliphilic sulfur-oxidizing microbial consortium. Bioremediation Journal. ISSN: 1088-9868. | https://doi.org/10.1080/10889868.2024.2407240 |
| 44 | 2024 | Felix Antonio Naranjo-Castañeda, Miguel García-Rocha, Salvador Gallardo-Hernández, Daniel Bahena-Uribe, Julio Gregorio Mendoza-Álvarez and Rodríguez Vázquez R. Evaluation of Catalytic Conditions for Dye Discoloration Using Nano-TiO2 Films: A Fractional Factorial Design Approach. Chemistryselect. Volumen: 9 Número: e202304335 ISSN: 2365-6549. | https://doi.org/10.1002/slct.202304335 |
| 45 | 2024 | Zoila Mora-Guzmán, Flores Cotera LB, Eduardo Pérez-Campos, Rebeca López-Marure, Delia Soto-Castro, Felipe Alonso Masso-Rojas, Araceli Paéz Arenas, Edgar Zenteno, Margarito Martinez-Cruz, Laura Pérez-Campos Mayoral, María Teresa Hernández-Huerta, María del Socorro Pina-Canseco. Antiproliferative and Pro-apoptotic Activities of Tournefortia mutabilis vent. Leaves on the Human Breast Adenocarcinoma Cell Line (MCF-7). Iranian Journal of Pharmaceutical Research. Volumen: 23 Número: e149405 ISSN: 1735-0328. | https://doi.org/10.5812/ijpr-149405 |
| 46 | 2024 | Aguilar Lopez R, Eduardo Alvarado-Santos, Thalasso F, Pablo A. López-Pérez. Monitoring Ethanol Fermentation in Real Time by a Robust State Observer for Uncertainties. Chemical Engineering & Technology. Volumen: 47 Páginas: 779-790 ISSN: 0930-7516. | https://doi.org/10.1002/ceat.202300324 |
| 47 | 2024 | Aguilar Lopez R, Iraiz Gonzalez-Viveros, Pablo A. Lopez-Pérez. Sinusoidal control strategy applied to continuous stirred-tank reactors: Asymptotic and exponential convergence. Canadian Journal of Chemical Engineering. Volumen: 103 Páginas: 744-757 ISSN: 0008-4034. | https://doi.org/10.1002/cjce.25411 |
| 48 | 2024 | Rosa Elena Cardenas-Guerra, Octavio Montes-Flores, Edgar Ezequiel Nava-Pintor, Gerardo Resendiz-Cardiel, Claudia Ivonne Flores-Pucheta, Yasmín Irene Rodríguez-Gavaldon, Rossana Arroyo, Maria Elena Bottazzi, Peter J. Hotez, Ortega Lopez J. Chagasin from Trypanosoma cruzi as a molecular scaffold to express epitopes of TSA-1 as soluble recombinant chimeras. Protein Expression and Purification. Volumen: 218 Número: 106458 ISSN: 1046-5928. | https://doi.org/10.1016/j.pep.2024.106458 |
| 49 | 2024 | Juana Lira Pérez, Juan Carlos Figueroa Estrada, Mayola García Rivero, Rodríguez Vázquez R. Evaluation of vat blue removal by Aspergillus niger using scanning electron microscopy and glucose oxidase enzyme activity. Vietnam Journal of Chemistry. Volumen: 62 Páginas: 758-765 ISSN: 0866-7144. | https://doi.org/10.1002/vjch.202300374 |
| 50 | 2024 | Lilian Edith DOMÍNGUEZ-MONTERO, Poggi Varaldo HM, Canizares Villanueva RO, América Alejandra PADILLA VIVEROS, Noemi RINDERKNECHT-SEIJAS, Sergio CAFFAREL-MÉNDEZ y Eduard DE LA CRUZ-BURELO.. Regulations for wastewater discharge in Mexico: Comparison with other countries and enforcement in selected wastewater treatment plants. Revista Internacional de Contaminacion Ambiental. Volumen: 40 Páginas: 289-311 ISSN: 0188-4999. | https://doi.org/10.20937/RICA.54362 |
| 51 | 2023 | Alehlí Holguín Salas, Thalasso F and Enrique Galindo. Analysis of the local gas hold-up, under constant retrofitted power input in a multiphasic mycelial fermentation model. Chemical Engineering Research and Design. Volumen: 195 Paginas: 378-389 ISSN 0263-8762. | https://doi.org/10.1016/j.cherd.2023.06.005 |
| 52 | 2023 | Asunción Guadalupe Morales Mendoza, Ana Karen Ivanna Flores Trujillo, Jesús Adriana Ramírez Castillo, Salvador Gallardo Hernández and Rodríguez Vázquez R. Effect of micro-nanobubbles on arsenic removal by Trichoderma atroviride for bioscorodite generation. Journal of Fungi. Volumen: 9 Número: 8 eISSN: 2309-608. | https://doi.org/10.3390/jof9080857 |

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|---|---|---|---|
| 53 | 2023 | Azucena López López, Alejandro Santiago Hernández, Maribel Cayetano Cruz, Yolanda García Huante, Jorge E. Campos, Ismael Bustos Jaimes, Marsch Moreno R, Claudia Cano Ramírez, Claudia G. Benítez Cardoza and Hidalgo Lara ME. TtCel7A: A native thermophilic bifunctional cellulose/xylanase exogluclanase from the thermophilic biomass-degrading fungus thielavia terrestris Co3Bag1, and its application in enzymatic hydrolysis of agroindustrial derivatives. Journal of Fungi . Volumen: 9 Número: 2 eISSN: 2309-608X. | https://doi.org/10.3390/jof9020152 |
| 54 | 2023 | Xoconostle Cazares BG, José Abrahán Ramírez Pool, Leandro Alberto Núñez Muñoz, Berenice Calderón Pérez, Brenda Yazmín Vargas Hernández, Rafael Bujanos Muñiz and Ruiz Medrano R. The characterization of Melanaphis sacchari microbiota and antibiotic treatment effect on insects. Insects. Volumen: 10 Número: 807 eISSN: 2075-4450. | https://doi.org/10.3390/insects14100807 |
| 55 | 2023 | Brenda Beatriz Xoconostle Morán, Xoconostle Cazares BG, Brenda Yazmín Vargas Hernández, Leandro Alberto Núñez Muñoz, Berenice Calderón Pérez and Ruiz Medrano R. Long-distance movement of solanum tuberosum translationally controlled tumor protein (StTCTP) mRNA. Plants. Volumen: 12 Número: 15 eISSN: 2223-7747. | https://doi.org/10.3390/plants12152839 |
| 56 | 2023 | Christophe V. W. Seppey, Léa Cabrol, Thalasso F, Laure Gandois, Céline Lavergne, Karla Martinez Cruz, Armando Sepulveda Jauregui, Polette Aguilar Muñoz, María Soledad Astorga España, Rolando Chamy, Bruna Martins Dellagnezze, Claudia Etchebehere, Gilberto J. Fochesatto, Oscar Gerardo Nieto, Andrés Mansilla, Alison Murray, Maxime Sweetlove, Nikita Tananaev, Roman Teisserenc, Alexander T. Tveit, Anton Van de Putte, Mette M. Svenning and Maialen Barret. Biogeography of microbial communities in high-latitude ecosystems: Contrasting drivers for methanogens, methanotrophs and global prokaryotes. Environmental microbiology. Volumen: 25 Paginas: 3364-3386 ISSN: 1462-2912. | https://doi.org/10.1111/1462-2920.16526 |
| 57 | 2023 | Diana Angélica Tapia Sidas, Brenda Yazmín Vargas Hernández, José Abrahán Ramírez Pool, Leandro Alberto Núñez Muñoz, Berenice Calderón Pérez, Rogelio González González, Luis Gabriel Brieba, Rosalía Lira Carmona, Eduardo Ferat Osorio, Constantino López Macías, Ruiz Medrano R and Xoconostle Cazares BG. Starting from scratch: Step-by-step development of diagnostic tests for SARS-CoV-2 detection by RT-LAMP. Plos One. Volumen: 18 Número: 1 ISSN: 1932-6203. | https://doi.org/10.1371/journal.pone.0279681 |
| 58 | 2023 | Dulce María Galván Arellano, Patricia Vieyra Reyes, Roberto Montes de Oca Jiménez, Ortega López J, Saúl Gabriel Martínez Arzate, Bruno Rivas Santiago y Juan Carlos Vázquez Chagoyán. Proteína Bm86 y su potencial uso como vacuna contra garrapatas en el ganado bovino. Revista Mexicana de Ciencias Pecuarias. Volumen: 14 Número: 3 ISSN 2007-1124. | http://hdl.handle.net/20.500.11799/138985 |
| 59 | 2023 | Eduardo Alvarado Santos, Aguilar Lopez R, M. Isabel Neria González, Teresa Romero Cortés, Víctor José Robles Olvera and Pablo A. López Pérez. A novel kinetic model for a cocoa waste fermentation to ethanol reaction and its experimental validation. Preparative Biochemistry. Volumen: 53 Número: 2 Paginas: 167-182 ISSN: 1082-6068. | https://doi.org/10.1080/10826068.2022.2056746 |
| 60 | 2023 | Elizabeth Rubio Rodríguez, Ileana Vera Reyes, Aída Araceli Rodríguez Hernández, Alma Rosa López Laredo, Ramos Valdivia AC and Gabriela Trejo Tapia. Mixed elicitation with salicylic acid and hydrogen peroxide modulates the phenolic and iridoid pathways in castilleja tenuifora plants. Planta. Volumen: 258 Número: 20 ISSN: 0032-0935. | https://doi.org/10.1007/s00425-023-04177-1 |
| 61 | 2023 | Thalasso F, Brenda Riquelme, Andrés Gómez, Roy Mackenzie, Francisco Javier Aguirre, Jorge Hoyos Santillan, Ricardo Rozzi and Armando Sepulveda Jauregui. Technical note: Skirt chamber - an open dynamic method for the rapid and minimally intrusive measurement of greenhouse gas emissions from peatlands. Biogeosciences. Volumen: 20 Paguinas: 3737-3749. | https://doi.org/10.5194/bg-20-3737-2023 |
| 62 | 2023 | Gurusamy Kutralam Muniasamy, Venkata Chari S and Pérez Guevara F. Citizen involvement in reducing end-of-life product waste in Mexico City. Sustainable Production and Consumption. Volumen: 41 Paginas: 167-178 ISSN: 2352-5509. | https://doi.org/10.1016/j.spc.2023.08.010 |
| 63 | 2023 | Gurusamy Kutralam Muniasamy, Venkata Chari S, Pérez Guevara F and Priyadarsi D. Roy. Microplastic diagnostics in humans: "The 3Ps" Progress, problems, and prospects. Science of the Total Environment. Volumen: 856 Número: 159164 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2022.159164 |
| 64 | 2023 | Gurusamy Kutralam Muniasamy, Venkata Chari S, Pérez Guevara F, Priyadarsi D. Roy and I. Elizalde Martínez. Consumption of commercially sold dried fish snack "charales" contaminated with microplastics in Mexico.. Environmental Pollution. Volumen: 332 Número: 121961 ISSN: 0269-7491. | https://doi.org/10.1016/j.envpol.2023.121961 |
| 65 | 2023 | Gurusamy Kutralam Muniasamy, Venkata Chari S, Pérez Guevara F, Priyadarsi D. Roy and I. Elizalde Martínez. Common laboratory reagents: Are they a double-edged sword in microplastics research?. Science of the Total Environment. Volumen: 875 Número: 162610 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2023.162610 |
| 66 | 2023 | Heilyn Pérez, Omar Jasiel Quintero García, Myriam Adela Amezcua Allieri and Rodríguez Vázquez R. Nanotechnology as an efficient and effective alternative for wastewater treatment: an overview. Water Science and Technology. Volumen: 87 Número: 12 Paginas: 2971-3001 ISSN: 0273-1223. | https://doi.org/10.2166/wst.2023.179 |
| 67 | 2023 | Henry López López, Nancy Ruiz Lau, Rocío Meza Gordillo, Victor Manuel Ruíz Valdiviezo, Joseph Galthier Robledo Luchetti, Carlos Alberto Lecona Guzmán, Juan José Villalobos Maldonado, Dendooven L and Joaquín Adolfo Montes Molina. Antifungal potential of Beauveria bassiana on Solanum lycopersicum L. infected with Fusarium oxysporum f. sp. lycopersici. Phyton-International Journal of Experimental Botany. Volumen: 92 Número: 4 Paginas: 1235-1255 ISSN: 0031-9457. | https://doi.org/10.32604/phyton.2023.025716 |
| 68 | 2023 | Jacqueline Martínez Rendón, Lorena Hinojosa, Xoconostle Cazares BG, José Abrahán Ramírez Pool, Aída Castillo, Marcelino Cereijido and Arturo Ponce. Ouabain induces transcript changes and activation of RhoA/ROCK signaling in cultured epithelial cells (MDCK). Current Issues in Molecular Biology. Volumen: 45 Número: 9 Paginas: 7538-7556 ISSN: 1467-3037. | https://doi.org/10.3390/cimb45090475 |
| 69 | 2023 | Jesús Adriana Ramírez Castillo, Rodríguez Vázquez R, Aguilar Lopez R and José Roberto Zúñiga Silva. Bioscorodite production from As(III) and Fe(II) salts under oxidizing and acidic conditions of Trichoderma atroviride culture. Water. Volumen: 15 Número: 1905 eISSN: 2073-4441. | https://doi.org/10.3390/w15101905 |
| 70 | 2023 | Jorge Fonseca Campos, Israel Reyes Ramírez, Juan L. Mata Machuca, Leonardo Fonseca Ruiz, Paola N. Cortez Herrera, Flores Cotera LB and Aguilar Lopez R. Implementation in microcontrollers of an algorithm for the simple generation of speed profiles in a stepper motor and their associated kinematics. IEEE Access. Volumen: 11 Paginas: 143782-143803. | https://doi.org/10.1109/ACCESS.2023.3343638 |
| 71 | 2023 | Joseph Guevara Luna, Mario Hernández Guzmán, Nina Montoya Ciriaco, Dendooven L, Marina Olivia Franco Hernández, Paulina Estrada de los Santos and María Soledad Vásquez Murrieta. Bacterial and archaeal communities in saline soils from a Los Negritos geothermal area in Mexico. Pedosphere. Volumen: 33 Número: 2 Paginas: 312-320 ISSN: 1002-0160. | https://doi.org/10.1016/j.pedsph.2022.06.041 |
| 72 | 2023 | Juana Lira Pérez and Rodríguez Vázquez R. Removal of orange G dye by Aspergillus niger and its effect on organic acid production. Preparative Biochemistry. Volumen: 53 Número: 7 Paginas: 860-871. | https://doi.org/10.1080/10826068.2022.2153368 |
| 73 | 2023 | Julio A. Salas Rabaza, José Luis Andrade, Roberth Us-Santamaría, Pablo Morales Rico, Gisela Mayora, Francisco Javier Aguirre, Vicente Fecci Machuca, Eugenia M. Gade Palma and Thalasso F. Impacts of leaks and gas accumulation on closed chamber methods for measuring methane and carbon dioxide fluxes from tree stems. Science of the Total Environment. Volumen: 904 Número: 166358 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2023.166358 |
| 74 | 2023 | Karla E. Zarco González, Jessica D. Valle García, Yendi E. Navarro Noya, Fabián Fernández Luqueño and Dendooven L. Silver and hematite nanoparticles had a limited effect on the bacterial community structure in soil cultivated with Phaseolus vulgaris L. Agronomy-Basel . Volumen: 13 Número: 9 eISSN: 2073-4395. | https://doi.org/10.3390/agronomy13092341 |
| 75 | 2023 | María Dolores Díaz Cervantes, Ramos Ramirez EG, Miquel Gimeno Seco and Salazar Montoya JA. Supercritical CO2 extraction of oil from Chan (Hyptis suaveolens (L.) Poit) seeds and its physicochemical characterization, spectroscopy and nutritional analysis. Food Analytical Methods. Volumen: 16 Paginas: 918-932 ISSN: 1936-9751. | https://doi.org/10.1007/s12161-023-02457-w |
| 76 | 2023 | María Elena Mancera López, Barrera Cortes J, Roberto Mendoza Serna, Armando Ariza Castolo and Rosa Santillan. Polymeric encapsulate of Streptomyces mycelium resistant to dehydration with air flow at room temperature. Polymers. Volumen: 15 Número: 1 eISSN: 2073-4360. | https://doi.org/10.3390/polym15010207 |
| 77 | 2023 | Marina Gutiérrez Antón, Alejandro Santiago Hernández, Johan Rodríguez Mendoza, Claudia Cano Ramírez, Ismael Bustos Jaimes, Guillermo Aguilar Osorio, Jorge E. Campos and Hidalgo Lara ME. Improvement of laccase production by Thielavia terrestris Co3Bag1. Enhancing the bio-catalytic performance of the native thermophilic TtLacA via immobilization in copper alginate gel beads. Journal of Fungi . Volumen: 9 Número: 308 eISSN: 2309-608. | https://doi.org/10.3390/jof9030308 |
| 78 | 2023 | Miriam Deloya Olvera, Xoconostle Cazares BG, Sofía Virgen Vásquez, Jesús Pérez Moreno, César Ramiro Martínez González, Juan J. Almaraz, Mario Jiménez and Martín E. Sánchez García. Two new neotropical species of the ectomycorrhizal gasteroid genus Calostoma (Sclerodermatineae, Boletales) used as a food source by the Ayuuk jä'äy ethnic group from southern Mexico. Phytotaxa. Volumen: 612 Número: 2 Paginas: 148-158 ISSN: 1179-3155. | https://doi.org/10.11646/phytotaxa.612.2.3 |

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## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 79 | 2023 | Nahui Olin Medina Chávez, Mariette Viladomat Jasso, Eugenia Zarza, Africa Islas Robles, Jorge Valdivia Anistro, Thalasso F, Luis E. Eguiarte, Gabriela Olmedo Álvarez, Valeria Souza and Susana de la Torre Zavala. A Transiently hypersaline microbial mat harbors a diverse and stable archaeal community in the Cuatro Cienegas Basin, Mexico. Astrobiology. Volumen: 23 Número: 8 Paginas: 796-811. | https://doi.org/10.1089/ast.2021.0047 |
| 80 | 2023 | Nina Montoya Ciriaco, Stephanie Hereira Pacheco, Arturo Estrada Torres, Dendooven L, Fausto R. Méndez de la Cruz, Elizabeth Selene Gómez Acata, Aníbal H. Díaz de la Vega Pérez and Yendi E. Navarro Noya. Maternal transmission of bacterial microbiota during embryonic development in a viviparous lizard. Microbiology Spectrum. Volumen: 11 Número: e0178023 ISSN: 2165-0497. | https://doi.org/10.1128/spectrum.01780-23 |
| 81 | 2023 | Paola Briseño Díaz, Michael Schnoor, Martiniano Bello Ramírez, José Correa Basurto, Arturo Rojo Domínguez, Leticia Arregui, Libia Vega, Enrique Nuñez González, Luis Andres Palau Hernández, Carlos Guadalupe Parra Torres, Oscar Manuel García Córdova, Ernesto Zepeda Castillo, Eduardo Torices Escalante, Leticia Domínguez Camacho, Xoconostle Cazares BG, Marco Antonio Meraz Ríos, Sandra Delfín Azuara, Dayan Andrea Carrión Estrada, Nicolas Villegas Sepúlveda, Rosaura Hernández Rivas, María del Rocío Thompson Bonilla and Miguel Vargas. Synergistic effect of antagonists to KRas4B/PDE6 molecular complex in pancreatic cancer. Life Science Alliance. Volumen: 9 Número: 12 ISSN: 2575-1077. | https://doi.org/10.26508/lsa.202302019 |
| 82 | 2023 | Aguilar Lopez R and Juan L. Mata Machuca. Stabilization of a chaotic oscillator via a class of integral controllers under input saturation. Scientific Reports. Volumen: 13 Número: 1 ISSN: 2045-2322. | https://doi.org/10.3390/plants12173052 |
| 83 | 2023 | Stephanie E. Hereira Pacheco, Arturo Estrada Torres, Dendooven L and Yendi E. Navarro Noya. Shifts in root-associated fungal communities under drought conditions in Ricinus communis. Fungal Ecology. Volumen: 63 Número: 101225 ISSN: 1754-5048. | https://doi.org/10.1016/j.funeco.2023.101225 |
| 84 | 2023 | Venkata Chari S and Gurusamy Kutralam Muniasamy. Blanks and bias in microplastic research: Implications for future quality assurance. Trends in Environmental Analytical Chemistry . Volumen: 38 ISSN: 2214-1588. | https://doi.org/10.1016/j.teac.2023.e00203 |
| 85 | 2023 | Venkata Chari S, Gurusamy Kutralam Muniasamy and Pérez Guevara F. Do microbial decomposers find micro- and nanoplastics to be harmful stressors in the aquatic environment? A systematic review of in vitro toxicological research. Science of the Total Environment. Volumen: 903 Número: 166561 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2023.166561 |
| 86 | 2023 | Venkata Chari S, Gurusamy Kutralam Muniasamy and Pérez Guevara F. Putting eggs on marine litter: Towards an understanding of a cause for concern. Marine Pollution Bulletin. Volumen: 190 Número: 114900 ISSN: 0025-326. | https://doi.org/10.1016/j.marpolbul.2023.114900 |
| 87 | 2023 | Venkata Chari S, Gurusamy Kutralam Muniasamy and Pérez Guevara F. New forms of particulate plastics in the anthropocene. Earth-Science Reviews. Volumen: 246 Número: 104601. | https://doi.org/10.1016/j.earscirev.2023.104601 |
| 88 | 2023 | Venkata Chari S, Gurusamy Kutralam Muniasamy, Pérez Guevara F and Priyadarsi D. Roy. An assessment of higher-value recyclable wastes in Mexico City households using a novel waste collector citizen science approach. Science of The Total Environment . Volumen: 863 Núemro: 161024 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2022.161024 |
| 89 | 2023 | Venkata Chari S, Gurusamy Kutralam Muniasamy, Pérez Guevara F, Priyadarsi D. Roy and I. Elizalde Martínez. First evidence of microplastic contamination in ready-to-use packaged food ice cubes. Environmental Pollution. Volumen: 318 Número: 120905. | https://doi.org/10.1016/j.envpol.2022.120905 |
| 90 | 2023 | Víctor German Rodríguez García, Leobardo Ottmar Palma Gallardo, Francisco Silva Olmedo and Thalasso F. A simple and low-cost open dynamic chamber for the versatile determination of methane emissions from aquatic surfaces. Limnology and Oceanography-Methods. Volumen: 21 Paginas: 828-836 ISSN: 1541-5856. | https://doi.org/10.1002/lom3.10584 |
| 91 | 2023 | Viviana Rodríguez Rivera, Yendi E. Navarro Noya, Dendooven L and Marco Luna Guido. Land-use change alters the bacterial community structure, but not forest management. Folia Microbiologica. Volumen: 68 Número: 2 Paginas: 277-290. | https://doi.org/10.1007/s12223-022-01009-9 |
| 92 | 2023 | Sara Luz Vera García, Felipe Neri Rodríguez Casasola, Barrera Cortes J, Arnulfo Albores Medina, Karla M. Muñoz Páez, Canizares Villanueva RO and Montes Horcasitas MC. Enhancing phosphorus and nitrogen uptake in maize crops with food industry biosolids and Azotobacter nigricans. Plants-Basel. Volumen: 12 Número: 3052. | https://doi.org/10.3390/plants12173052 |
| 93 | 2022 | Alberto Ordaz, Azucena Mota Gutiérrez, Eduardo González Iribarren, Calixto Ortega and Thalasso F. Removal of methanol vapors in a jet-loop bioscrubber equipped with a venturi injector. Biochemical Engineering Journal. Volumen: 185 Número: 108530 ISSN: 1369-703. | https://doi.org/10.1016/j.bej.2022.108530 |
| 94 | 2022 | Aldo G. Orozco Lugo, Des C. McLernon, Mauricio Lara, Syed Ali Raza Zaidi, Brenda J. González, Omar Illescas, César I. Pérez Macías, Valentín Nájera Bello, José Alberto Balderas, José L. Pizano Escalante, Carlos Mex Perera and Rodríguez Vázquez R. Monitoring of water quality in a shrimp farm using a FANET. Internet of Things. Volumen: 18 Número: 100170 ISSN: 2543-1536. | https://doi.org/10.1016/j.iot.2020.100170 |
| 95 | 2022 | Alejandra Gabriela Yáñez Vergara, Perla Xochilt Sotelo Navarro, Poggi Varaldo HM, José Víctor Calderón Salinas, Rocío Sánchez Pérez y Yasuhiro Matsumoto Kuwuabara. Analysis of legislation on biorefineries in Mexico. Revista Internacional de Contaminacion Ambiental. Volumen: 38 Paginas: 111-142 ISSN: 0188-4999. | https://doi.org/10.20937/RICA.54314 |
| 96 | 2022 | Alejandra Miranda Carrazco, Claudia Chávez López, Daniel Alejandro Ramírez Villanueva and Dendooven L. Bacteria in (vermi)composted organic wastes mostly survive when applied to an arable soil cultivated with wheat (Triticum sp. L.). Environ Monit Assess . Volumen: 194 Número: 363 ISSN: 0167-6369. | https://doi.org/10.1007/s10661-022-09996-5 |
| 97 | 2022 | Alejandra Miranda Carrazco, Daniel Alejandro Ramírez Villanueva and Dendooven L. Greenhouse gas emissions of biosolid and cow manure during composting and vermicomposting and when applied to soil cultivated with wheat (Triticum sp. L.). Environmental Science and Pollution Research. Volumen: 29 Paginas: 24968-24982. | https://doi.org/10.1007/s11356-021-17624-x |
| 98 | 2022 | Alejandra Miranda Carrazco, Yendi E. Navarro Noya, Bram Govaerts, Nele Verhulst and Dendooven L. Nitrogen fertilizer application alters the root endophyte bacterial microbiome in maize plants, but not in the stem or rhizosphere soil. Microbiology Spectrum. Volumen: 10 Número: 6 ISSN: 2165-0497. | https://doi.org/10.1128/spectrum.01785-22 |
| 99 | 2022 | Alfayuset Ochoa Chacón, Alfredo Martinez, Poggi Varaldo HM, Lourdes Villa Tanaca, Ramos Valdivia AC and Ponce Noyola MT. Xylose metabolism in bioethanol production: Saccharomyces cerevisiae vs Non-Saccharomyces yeasts. BioEnergy Research. Volumen: 15 Paginas: 905-923. | https://doi.org/10.1007/s12155-021-10340-x |
| 100 | 2022 | Alfayuset Ochoa Chacón, Ramos Valdivia AC, Poggi Varaldo HM, Lourdes Villa Tanaca, Alfredo Martinez and Ponce Noyola MT. Fermentation performance of a Mexican native Clavispora lusitaniae strain for xylitol and ethanol production from xylose, glucose and cellobiose. Enzyme and Microbial Technology. Volumen: 160 Número: 110094 ISSN: 0141-0229. | https://doi.org/10.1016/j.enzmictec.2022.110094 |
| 101 | 2022 | Amaury Ábrego García, Poggi Varaldo HM, Ponce Noyola MT, Calva Calva G, Cutberto José Juvencio Galíndez Mayer, Gustavo G. Medina Mendoza and Noemí F. Rinderknecht Seijas. Bioprocessing of Two Crop Residues for Animal Feeding into a High-Yield Lovastatin Feed Supplement. Animals. Volumen: 12 Número: 19 ISSN: 2076-2615. | https://doi.org/10.3390/ani12192697 |
| 102 | 2022 | Amaury Ábrego García, Poggi Varaldo HM, Vania Shuhua Robles González, Rios Leal E, Ponce Noyola MT, Calva Calva G, Daniel Alfonso Estrada Bárcenas y Alfredo Mendoza Vargas. Inhibición in vitro de la metanogénesis ruminal de una dieta alta en grano con lovastatina. Revista Internacional de Contaminacion Ambiental. Volumen: 38 Paginas: 511-520. | https://doi.org/10.20937/RICA.54342 |
| 103 | 2022 | Ana Sofía Lemus de la Cruz, Barrera Cortes J, Laura Patricia Lina García, Ramos Valdivia AC and Rosa Santillan. Nanoemulsified Formulation of Cedrela odorata Essential Oil and Its Larvicidal Effect against Spodoptera frugiperda (J.E. Smith). Molecules. Volumen: 27 Número: 9 ISSN: 1420-3049. | https://doi.org/10.3390/molecules27092975 |
| 104 | 2022 | Anbu Landa Faz, Rodríguez Vázquez R, Teresa Guadalupe Roldán Carrillo, Hidalgo Lara ME, Aguilar Lopez R and Mariano Enrique Cebrián García. Bioremediation of an agricultural saline soil contaminated with endosulfan and Escherichia coli by an active surface agent induced in a Penicillium crustosum culture. Preparative Biochemistry & Biotechnology. Volumen: 52 Número: 292-301. | https://doi.org/10.1080/10826068.2021.1941104 |
| 105 | 2022 | Berenice Calderón Pérez, José Abrahán Ramírez Pool, Leandro Alberto Núñez Muñoz, Brenda Yazmín Vargas Hernández, Abel Camacho Romero, Mariana Lara Villamar, Domingo Jiménez López, Xoconostle Cazares BG and Ruiz Medrano R. Engineering macromolecular trafficking into the citrus vasculature. Frontiers in Plant Science. Volumen: 13 Número: 818046 ISSN: 1664-462. | https://doi.org/10.3389/fpls.2022.818046 |
| 106 | 2022 | Brenda Yazmín Vargas Hernández, José Abrahán Ramírez Pool, Leandro Alberto Núñez Muñoz, Berenice Calderón Pérez, Rodolfo de la Torre Almaraz, Jesús Hinojosa Moya, Xoconostle Cazares BG and Ruiz Medrano R. Development of a droplet digital polymerase chain reaction (ddPCR) assay for the detection of Tomato brown rugose fruit virus (ToBRFV) in tomato and pepper seeds. Journal of Virological Methods. Volumen: 302 Número: 114466 ISSN: 0166-0934. | https://doi.org/10.1016/j.jviromet.2022.114466 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 107 | 2022 | Brenda Yazmín Vargas Hernández, Leandro Nuñez Muñoz, Berenice Calderón Pérez, Xoconostle Cazares BG and Ruiz Medrano R. The NAC transcription factor ANAC087 induces aerial rosette development and leaf senescence in Arabidopsis. Frontiers in Plant Science. Volumen: 13 Número: 818107 ISSN: 1664-462. | https://doi.org/10.3389/fpls.2022.818107 |
| 108 | 2022 | Carlos Escamilla Alvarado, Giovanni Hernandez Flores, Luz de María Bretón Deval, Perla Xochilt Sotelo Navarro y Poggi Varaldo HM. Environment and Energy. Revista Internacional de Contaminación Ambiental. Volumen: 38 ISSN: 0188-4999. | https://doi.org/10.20937/RICA.54827 |
| 109 | 2022 | Daniela Roa Velázquez, Xoconostle Cazares BG, Claudia G. Benítez Cardoza, Ortega Lopez J, Liora Shoshani , Edgar Morales Ríos and Salvador Gallardo Hernández. Expression, purification, and refolding of the recombinant extracellular domain B1-subunit of the dog Na434343/K434343-ATPase of the epithelial cells. Protein Expression and Purification. Volumen: 200 Número: 106167. | https://doi.org/10.1016/j.pep.2022.106167 |
| 110 | 2022 | Eduardo Alvarado Santos, Juan L. Mata Machuca, Pablo A. López Pérez, Rubén A. Garrido Moctezuma, Pérez Guevara F and Aguilar Lopez R. Comparative analysis of a family of sliding mode observers under real-time conditions for the monitoring in the bioethanol production. Fermentation-Basel. Volumen: 8 Número: 446 ISSN: 2311-5637. | https://doi.org/10.3390/fermentation8090446 |
| 111 | 2022 | Pérez Guevara F, Priyadarsi D. Roy, Gurusamy Kutralam Muniasamy and Venkata Chari S. Coverage of microplastic data underreporting and progress toward standardization. Science of the Total Environment. Volumen: 829 Número: 154727 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2022.157722 |
| 112 | 2022 | Pérez Guevara F, Priyadarsi D. Roy, I. Elizalde Martínez, Gurusamy Kutralam Muniasamy and Venkata Chari S. Human exposure to microplastics from urban decentralized pay-to-fetch drinking-water refill kiosks. Science of the Total Environment. Volumen: 848 Número: 157722 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2022.157722 |
| 113 | 2022 | Thalasso F, Armando Sepulveda Jauregui, Léa Cabrol, Céline Lavergne, Nazli Olgun, Karla Martinez Cruz, Polette Aguilar Muñoz, Natalia Calle, Andrés Mansilla and María Soledad Astorga España. Methane and carbon dioxide cycles in lakes of the King George Island, maritime Antarctica. Science of the Total Environment. Volumen: 848 Número: 157485 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2022.157485 |
| 114 | 2022 | Gurusamy Kutralam Muniasamy, Pérez Guevara F, Priyadarsi D. Roy, Ignacio Elizalde Martínez and Venkata Chari S. Surface water quality in the upstream of the highly contaminated Santiago River (Mexico) during the COVID-19 lockdown. Environmental Earth Sciences. Volumen: 81 Número: 316 ISSN: 1866-6280. | https://doi.org/10.1007/s12665-022-10430-9 |
| 115 | 2022 | Gurusamy Kutralam Muniasamy, Pérez Guevara F and Venkata Chari S. (Micro)plastics: A possible criterion for beach certification with a focus on the Blue Flag Award. Science of the Total Environment. Volumen: 803 Número: 150051 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2021.150051 |
| 116 | 2022 | José Abrahán Ramírez Pool, Xoconostle Cazares BG, Berenice Calderón Pérez, Enrique Ibarra Laclette, Emanuel Villafán, Rosalía Lira Carmona and Ruiz Medrano R. Transcriptomic Analysis of the Host Response to Mild and Severe CTV Strains in Naturally Infected Citrus sinensis Orchards. International Journal of Molecular Sciences. Volumen: 23 Número: 2435 ISSN: 1422-0067. | https://doi.org/10.3390/ijms23052435 |
| 117 | 2022 | Salazar Montoya JA, Stephanie Hereira Pacheco, Alfredo Cruz Orea and Ramos Ramirez EG. Composition, antioxidant activity and rheological characteristics of spreadable pastes with blackberry pulp (Rubus fruticosus). Journal of Food Measurement and Characterization. Volumen: 16 Número: 2 Paginas: 1459-1471 ISSN: 2193-4126. | https://doi.org/10.1007/s11694-022-01279-4 |
| 118 | 2022 | K.A. Carrillo Verastegui, Carlos Escamilla Alvarado, C.E. Escárcega González, J.J. Cano Gómez, D. Paniagua Vega, I. Nava Bravo and Rios Leal E. Biohydrogen potential assessment of Opuntia spp.: Effect of inoculum-to-substrate ratio and residual biomass evaluation. International Journal of Hydrogen Energy. Volumen: 47 Número: 70 Paginas: 30085-30096 ISSN: 0360-3199. | https://doi.org/10.1016/j.ijhydene.2022.06.138 |
| 119 | 2022 | Karla Rivera Márquez, Leandro Alberto Núñez Muñoz, Berenice Calderón Pérez, Rodolfo de la Torre Almaraz, Brenda Yazmín Vargas Hernández, Ruiz Medrano R and Xoconostle Cazares BG. Bioinformatic-based approach for mutagenesis of plant immune Tm-2(2) receptor to confer resistance against tomato brown rugose fruit virus (ToBRFV). Frontiers in Plant Science. Volumen: 13 Número: 984846 ISSN: 1664-462. | https://doi.org/10.3389/fpls.2022.984846 |
| 120 | 2022 | Lory Sthephany Rochín Hernández, Lory Jhenifer Rochín Hernández and Flores Cotera LB. Endophytes, a potential source of bioactive compounds to curtail the formation-accumulation of advanced glycation end products: A Review. Molecules. Volumen: 27 Número: 4469 ISSN: 1420-3049. | https://doi.org/10.3390/molecules27144469 |
| 121 | 2022 | Luis F. Calderón Soto, Irma López Gutiérrez, Casandra Valencia Ojeda, Aguilar Lopez R, Felipe Alatriste Mondragón and Ricardo Femat. Two-stage continuous biomethane production from enzymatic hydrolysate of agave bagasse: Modelling, identification and control. Journal of Process Control. Número: 120 Páginas: 14-27. | https://doi.org/10.1016/j.jprocont.2022.10.007 |
| 122 | 2022 | Maialen Barret, Laure Gandois, Thalasso F, Karla Martinez Cruz, Armando Sepulveda Jauregui, Céline Lavergne, Roman Teisserenc, Polette Aguilar Muñoz, Oscar Gerardo Nieto, Claudia Etchebehere, Bruna Martins Dellagnezze, Patricia Bovio Winkler, Gilberto J. Fochesatto, Nikita Tananaev, Mette M. Svenning, Christophe Seppey, Alexander Tveit, Rolando Chamy, María Soledad Astorga España, Andrés Mansilla, Anton Van de Putte, Maxime Sweetlove, Alison E. Murray and Léa Cabrol. A combined microbial and biogeochemical dataset from high-latitude ecosystems with respect to methane cycle. Scientific Data. Volumen: 9 Número: 674 ISSN: 2052-4463. | https://doi.org/10.1038/s41597-022-01759-8 |
| 123 | 2022 | Mario Fragoso Saavedra, Carmen Ramírez Estudillo, Diana L. Peláez González, Jorge O. Ramos Flores, Gustavo Torres Franco, Leandro Nuñez Muñoz, Gabriel Marcelino Pérez, María G. Segura Covarrubias, Rogelio González González, Ruiz Medrano R, Xoconostle Cazares BG, Amanda Gayosso Vázquez, Silvia Reyes Maya, Vianey Ramírez Andoney, Rogelio A. Alonso Morales and Marco A. Vega López. Combined Subcutaneous-Intranasal Immunization With Epitope-Based Antigens Elicits Binding and Neutralizing Antibody Responses in Serum and Mucosae Against PRRSV-2 and SARS-CoV-2. Frontiers in Immunology. Volumen: 13 Número: 848054 ISSN: 1664-3224. | https://doi.org/10.3389/fimmu.2022.848054 |
| 124 | 2022 | Mario Hernández Guzmán, Valentín Pérez Hernández, Selene Gómez Acata, Norma Jiménez Bueno, Nele Verhulst, Ligia Catalina Muñoz Arenas, Yendi E. Navarro Noya, Marco L. Luna Guido and Dendooven L. Application of young maize plant residues alters the microbiome composition and its functioning in a soil under conservation agriculture: a metagenomics study. Archives of Microbiology. Volumen: 204 Número: 458 ISSN: 0302-8933. | https://doi.org/10.1007/s00203-022-03060-z |
| 125 | 2022 | Mario hernández Guzmán, Valentín Pérez Hernández, Yendi E. Navarro Noya, Marco L. Luna Guido, Nele Verhulst, Bram Govaerts and Dendooven L. Application of ammonium to a N limited arable soil enriches a succession of bacteria typically found in the rhizosphere. Scientific Reports. Volumen: 12 Número: 4110 ISSN: 2045-2322. | https://doi.org/10.1038/s41598-022-07623-4 |
| 126 | 2022 | Naxhie López Reyes, Amaury Ábrego García y Poggi Varaldo HM. Inhibition mechanisms of methanogenesis with lovastatin and analysis of gene expression. Revista Internacional de Contaminación Ambiental. Volumen: 38 Página: 58-67 ISSN: 0188-4999. | https://doi.org/10.20937/RICA.54357 |
| 127 | 2022 | Paul García Bucio, Perla Xochilt Sotelo Navarro, Poggi Varaldo HM, Canizares Villanueva RO y Carlos Escamilla Alvarado. Circular bioeconomy indicators for utilization of the organic fraction of municipal solid waste. Revista Internacional de Contaminación Ambiental. Volumen: 38 Paginas: 78-92 ISSN: 0188-4999. | https://doi.org/10.20937/RICA.54350 |
| 128 | 2022 | Perla Xochitl Sotelo Navarro, Poggi Varaldo HM, Juan Pablo Chargoy Amador, Amalia Sojo Benítez, Miguel Ángel Pérez Angón y Rocío Sánchez Pérez. Environmental impacts of an HMEZS biorefinery.. Revista Internacional de Contaminacion Ambiental. Volumen: 38 Paginas: 48-57 ISSN: 0188-4999. | https://doi.org/10.20937/RICA.54332 |
| 129 | 2022 | Aguilar Lopez R, Sergio A. Medina Moreno, Ashutosh Sharma and Edgar N. Tec Caamal. Synergistic Effect of As(III)/Fe(II) Oxidation by Acidianus brierleyi and the exopolysaccharide matrix for As(V) removal and bioscorodite crystallization: A data-driven modeling insight. Processes 10(2363): 1-19: 2022. Volumen: 10 Número: 2363. | https://doi.org/10.3390/pr10112363 |
| 130 | 2022 | Rosa María Pineda Mendoza, Gerardo Zúñiga, María Fernanda López, Hidalgo Lara ME, Alejandro Santiago Hernández, Azucena López López, Flor N. Rivera Orduña and Claudia Cano Ramírez. Rahnella sp., a dominant symbiont of the core gut bacteriome of Dendroctonus species, has metabolic capacity to degrade xylan by bifunctional xylanase-ferulic acid esterase. Frontiers in Microbiology. Volumen: 13 Número: 911269 ISSN: 1664-302. | https://doi.org/10.3389/fmicb.2022.911269 |
| 131 | 2022 | Saliha Ahmad, Ana Paula Pinto, Faisal Ibney Hai, Mohamed El-Taher Ibrahim Badawy, Rodríguez Vázquez R, Tatheer Alam Naqvi, Farooq Hussain Munis, Tariq Mahmood and Hassan Javed Chaudhary. Dimethoate residues in Pakistan and mitigation strategies through microbial degradation: a review. Environmental Science and Pollution Research. Volumen: 29 Páginas: 51367-51383. | https://doi.org/10.1007/s11356-022-20933-4 |
| 132 | 2022 | Sebastian Lorenzo Benito, Luis Alberto Rivera Rivas, Lizbeth Sánchez Ayala, Ortega Lopez J, Octavio Montes Flores, Daniel Talamás Lara and Rossana Arroyo. Omics analyses of Trichomonas vaginalis actin and tubulin and their participation in intercellular interactions and cytokinesis. Genes. Volumen: 13 Número: 1067 ISSN: 2073-4425. | https://doi.org/10.3390/genes13061067 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 133 | 2022 | Teresa Aguirrezabala Campano, Rodrigo Gonzalez Valencia, Viani García Pérez, Rocío Torres Alvarado, Sunitha R. Pangala and Thalasso F. Spatial and seasonal dynamics of the methane cycle in a tropical coastal lagoon and its tributary river. Science of the Total Environment. Volumen: 825 Número: 154074 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2022.154074 |
| 134 | 2022 | Tessy López Goerne, Gabriela de la Rosa Gutiérrez, Francisco J. Padilla Godínez, Jaime Bustos Martínez, Susana López, Xoconostle Cazares BG and José Manuel de la Rosa. Inhibition of Influenza A (H1N1) Virus Infection by Pt/TiO2-SiO2 Bionanocatalysts. Current Nanoscience. Volumen: 18 Número: 6 Páginas: 733-742 ISSN: 1573-4137. | https://doi.org/10.2174/1573413717666211118110801 |
| 135 | 2022 | Venkata Chari S, Pérez Guevara F, Priyadarsi D. Roy and Gurusamy Kutralam Muniasamy. Strengthening citizen science partnerships with frontline sanitation personnel to study and tackle plastic pollution. Environmental Science and Policy. Volumen: 137 Paginas: 70-74 ISSN: 1462-9011. | https://doi.org/10.1016/j.envsci.2022.08.011 |
| 136 | 2022 | Venkata Chari S, Pérez Guevara F, Priyadarsi D. Roy and Gurusamy Kutralam Muniasamy. Analyzing microplastics with Nile Red: Emerging trends, challenges, and prospects. Journal of Hazardous Materials. Volumen: 423 Número: 127171 ISSN: 0304-3894. | https://doi.org/10.1016/j.jhazmat.2021.127171 |
| 137 | 2022 | Venkata Chari S, Gurusamy Kutralam Muniasamy, Pérez Guevara F, Priyadarsi D. Roy and I. Elizalde Martínez. Occurrence and characteristics of atmospheric microplastics in Mexico City. Science of the Total Environment. Volumen: 847 Número: 157601 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2022.157601 |
| 138 | 2022 | Venkata Chari S, Gurusamy Kutralam Muniasamy, Pérez Guevara F, Priyadarsi D. Roy and I. Elizalde Martínez. Free, but not microplastic-free, drinking water from outdoor refill kiosks: A challenge and a wake-up call for urban management. Environmental Pollution. Volumen: 39 Número: 119800 ISSN: 0269-7491. | https://doi.org/10.1016/j.envpol.2022.119800 |
| 139 | 2022 | Víctor Manuel Dzul Huchim, Maria Jesús Ramirez Sierra, Pedro Pablo Martínez Vega, Miguel Enrique Rosado Vallado, Víctor Ermilo Arana Argaez, Ortega Lopez O, Fabian Gusovsky, Eric Dumonteil, Julio Vladimir Cruz Chan, Peter Hotez, María Elena Bottazzi and Liliana Estefanía Villanueva Lizama. Vaccine-linked chemotherapy with a low dose of benznidazole plus a bivalent recombinant protein vaccine prevents the development of cardiac fibrosis caused by Trypanosoma cruzi in chronically-infected BALB/c mice. Plos Neglected Tropical Diaseases. Volumen: 16 Número: 9. | https://doi.org/10.1371/journal.pntd.0010258 |
| 140 | 2022 | Yaneth Bartolo Aguilar, Cipriano Chávez Cabrera, Flores Cotera LB, Jesús Agustín Badillo Corona, Carmen Oliver Salvador and Marsch Moreno R. The potential of cold-shock promoters for the expression of recombinant proteins in microbes and mammalian cells. Journal of Genetic Engineering and Biotechnology. Volumen: 20 Número: 173. | https://doi.org/10.1186/s43141-022-00455-9 |
| 141 | 2022 | Yendi E. Navarro Noya, Yosef Chávez Romero, Stephanie Hereira Pacheco, Arit Seleny de León Lorenzana, Bram Govaerts, Nele Verhulst and Dendooven L. Bacterial communities in the rhizosphere at different growth stages of maize cultivated in soil under conventional and conservation agricultural practices. Microbiology Spectrum. Volumen: 10 Número: 2 ISSN: 2165-0497. | https://doi.org/10.1128/spectrum.01834-21 |
| 142 | 2021 | Perez Hernandez Valentin, Hernández Guzmán M, Valenzuela Encinas C, Alcántara Hernández R, Estrada Alvarado I, Dendooven L, Marsch Moreno R, Gutiérrez Miceli F, Ruíz Valdiviezo VM, Montes Molina JA. Metodo mejorado para la extracción de ADN microbiano de suelo alcalino-salino. Terra Latinoamericana. Volumen: 39 ISSN: 2395-8030. | https://doi.org/10.28940/terra.v39i0.887 |
| 143 | 2021 | Yendi E. Navarro Noya, Nina Montoya Ciriaco, Ligia C. Muñoz Arenas, Stephanie Hereira Pacheco, Arturo Estrada Torres and Dendooven L. Conversion of a High-Altitude Temperate Forest for Agriculture Reduced Alpha and Beta Diversity of the Soil Fungal Communities as Revealed by a Metabarcoding Analysis. Frontiers in Microbiology. Volumen: 12 Número: 667566 ISSN: 1664-302. | https://doi.org/10.3389/fmicb.2021.667566 |
| 144 | 2021 | Y. Bartolo Aguilar, C. Chávez Cabrera, J.C. Cancino Díaz and Marsch Moreno R. Expression of a synthetic protein with a high proportion of essential amino acids by Pichia pastoris. Revista Mexicana de Ingeniería Química. Volumen: 20 Número: 3 ISSN: 1665-2738. | Expression of a synthetic protein with a high proportion of essential amino acids by Pichia pastoris |
| 145 | 2021 | Valentín Pérez Hernández, Mario Hernández Guzmán, Marco Luna Guido, Yendi E. Navarro Noya, Elda M. Romero Tepal and Dendooven L. Bacterial Communities in Alkaline Saline Soils Amended with Young Maize Plants or Its (Hemi)Cellulose Fraction. Microorganisms. Volumen: 9 Número: 1297 ISSN: 2076-2607. | https://doi.org/10.3390/microorganisms9061297 |
| 146 | 2021 | Venkata Chari S, Pérez Guevara F, I. Elizalde Martínez and Gurusamy Kutralam Muniasamy. Toward a unified framework for investigating micro(nano)plastics in packaged beverages intended for human consumption. Environmental Pollution. Volumen: 268 Número: 115811 ISSN: 0269-7491. | https://doi.org/10.1016/j.envpol.2020.115811 |
| 147 | 2021 | Venkata Chari S, Pérez Guevara F, I. Elizalde Martínez and Gurusamy Kutralam Muniasamy. Current trends and analytical methods for evaluation of microplastics in stormwater. Trends in Environmental Analytical Chemistry. Volumen: 30 ISSN: 2214-1588. | https://doi.org/10.1016/j.teac.2021.e00123 |
| 148 | 2021 | Venkata Chari S, Pérez Guevara F and Gurusamy Kutralam Muniasamy. The current state of microplastic pollution in the worlds largest gulf and its future directions. Environmental Pollution. Volumen: 291 Número: 118142 ISSN: 0269-7491. | https://doi.org/10.1016/j.envpol.2021.118142 |
| 149 | 2021 | Teresa Aguirrezabala Campano, Rodrigo Gonzalez Valencia, Francisco J. Cervantes and Thalasso F. Overall spatiotemporal dynamics of greenhouse gasses and oxygen in two subtropical reservoirs with contrasting trophic states. Water Research. Volumen: 196 Número: 117056 ISSN: 0043-1354. | https://doi.org/10.1016/j.watres.2021.117056 |
| 150 | 2021 | Taylor D. Sullivan, Andrew D. Parsekian, Janelle Sharp, Philip J. Hanke, Thalasso F, Mark Shapley, Melanie Engram and Katey Walter Anthony. Influence of permafrost thaw on an extreme geologic methane seep. Permafrost and Periglacial Processes. Volumen: 32 Número: 3 Páginas: 484-502 ISSN: 1045-6740. | https://doi.org/10.1002/ppp.2114 |
| 151 | 2021 | Stephanie E. Hereira Pacheco, Yendi E. Navarro Noya and Dendooven L. The root endophytic bacterial community of Ricinus communis L. resembles the seeds community more than the rhizosphere bacteria independent of soil water content. Scientific Reports. Volumen: 11 Número: 2173 ISSN: 2045-2322. | https://doi.org/10.1038/s41598-021-81551-7 |
| 152 | 2021 | Salvador Sánchez Carrillo, Jaime Garatuza Payan, Raquel Sánchez Andrés, Francisco J. Cervantes, María Carmen Bartolomé, Martín Merino Ibarra and Thalasso F. Methane Production and Oxidation in Mangrove Soils Assessed by Stable Isotope Mass Balances. Water . Volumen: 13 Número: 1867 ISSN: 2073-4441. | https://doi.org/10.3390/w13131867 |
| 153 | 2021 | Rodrigo Gonzalez Valencia, Felipe Magana Rodriguez, Karla Martinez Cruz, Gilberto J. Fochesatto and Thalasso F. Spatial and temporal distribution of methane emissions from a covered landfill equipped with a gas recollection system. Waste Management . Volumen: 121 Páginas: 373-382 ISSN: 0956-053. | https://doi.org/10.1016/j.wasman.2020.12.017 |
| 154 | 2021 | Aguilar Lopez R, Juan Luis Mata Machuca and Valeria Godinez Cantillo. A TITO Control Strategy to Increase Productivity in Uncertain Exothermic Continuous Chemical Reactors. Processes. Volumen: 9 Número: 873 ISSN: 2227-9717. | https://doi.org/10.3390/pr9050873 |
| 155 | 2021 | Aguilar Lopez R and Juan L. Mata Machuca. Minimum time controller in a class of chemical reactors based on Lagrangian approach. International Journal of Chemical Reactor Engineering . Volumen: 19 Número: 2 Páginas: 105-114 ISSN: 2194-5748. | https://doi.org/10.1515/ijcre-2020-0180 |
| 156 | 2021 | Perla X. Sotelo Navarro and Poggi Varaldo HM. Hydrogen from dark fermentation of the organic fraction of waste diapers: Optimization based on response surface experiments. Frontiers in Energy Research. Volumen: 9 Número: 630212 ISSN: 2296-598. | https://doi.org/10.3389/fenrg.2021.630212 |
| 157 | 2021 | Paulina Díaz Garrido, Rosa Elena Cárdenas Guerra, Ignacio Martínez, Sebastián Poggio, Karla Rodríguez Hernández, Lucio Rivera Santiago, Ortega Lopez J, Sergio Sánchez Esquivel and Bertha Espinoza. Differential activity on trypanosomatid parasites of a novel recombinant defensin type 1 from the insect Triatoma (Meccus) pallidipennis. Insect Biochemistry and Molecular Biology. Insect Biochemistry and Molecular Biology . Volumen: 139 Número: 103673 ISSN: 0965-1748. | https://doi.org/10.1016/j.ibmb.2021.103673 |
| 158 | 2021 | Nury Infante, Rodríguez Vázquez R, Yaneth Bartolo, Olga Sánchez, Isabel Sanz, Lizeth Bermeo and Jordi Morató. Biofunctionalization of cork with Moringa oleifera seeds and use of PMA staining and qPCR to detect viability of Escherichia coli. Water. Volumen: 13 Número: 2731 ISSN: 2073-4441. | https://doi.org/10.3390/w13192731 |
| 159 | 2021 | Maribel Cayetano Cruz, Luis A. Caro Gómez, Miguel Plascencia Espinosa, Alejandro Santiago Hernández, Claudia G. Benítez Cardoza, Jorge E. Campos, Hidalgo Lara ME and Absalom Zamorano Carrillo. Effect of the single mutation N9Y on the catalytical properties of xylanase Xyn11A from Cellulomonas uda: a biochemical and molecular dynamic simulation analysis. Bioscience. Biotechnology, and Biochemistry. Volumen: 85 Número: 9 Páginas: 1971-1985 ISSN: 0916-8451. | https://doi.org/10.1093/bbb/zbab124 |
| 160 | 2021 | Flores Cotera LB, Cipriano Chávez Cabrera, Anahi Martinez Cardenas, Sergio Sánchez and Oscar Ulises García Flores. Deciphering the mechanism by which the yeast Phaffia rhodozyma responds adaptively to environmental, nutritional, and genetic cues. Journal of Industrial Microbiology and Biotechnology. Volumen: 48 Páginas: 9-10. | https://doi.org/10.1093/jimb/kuab048 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 161 | 2021 | Leandro Nuñez Muñoz, Gabriel Marcelino Pérez, Berenice Calderón Pérez, Miriam Pérez Saldívar, Karla Acosta Virgen, Hugo González Conchillos, Brenda Vargas Hernández, Ana Olivares Martínez, Ruiz Medrano R, Daniela Roa Velázquez, Edgar Morales Ríos, Jorge Ramos Flores, Gustavo Torres Franco, Diana Peláez González, Jorge Fernández Hernández, Martha Espinosa Cantellano, Diana Tapia Sidas, José Abrahán Ramírez Pool, América Padilla Viveros and Xoconostle Cazares BG. Recombinant antigens based on non-glycosylated regions from RBD SARS-CoV-2 as potential vaccine candidates against COVID-19. Vaccines. Volumen: 9 Número: 928 ISSN: 2076-393. | https://doi.org/10.3390/vaccines9080928 |
| 162 | 2021 | Leandro Nuñez Muñoz, Brenda Vargas Hernández, Jesús Hinojosa Moya, Ruiz Medrano R and Xoconostle Cazares BG. Plant drought tolerance provided through genome editing of the trehalase gene. Plant Signaling. Volumen: 16 Número: 1877005 ISSN: 1559-2316. | https://doi.org/10.1080/15592324.2021.1877005 |
| 163 | 2021 | Laura N. Afanador Barajas, Yendi E. Navarro Noya, Marco L. Luna Guido and Dendooven L. Impact of a bacterial consortium on the soil bacterial community structure and maize (Zea mays L.) cultivation. Scientific Reports. Volumen: 11 Número: 13092 ISSN: 2045-2322. | https://doi.org/10.1038/s41598-021-92517-0 |
| 164 | 2021 | Joel Enrique Peña Chaidez, Walfred Rosas Flores, Salazar Montoya JA, Blanca Elizabeth Morales Contreras, José Alberto Gallegos Infante, Juliana Morales Castro and Hiram Medrano Roldán. Rheological and thermal characterization of pinto saltillo bean (Phaseolus vulgaris L.) protein isolates/sodium alginate gels. LWT - Food Science And Technology. Volumen: 146 Número: 111419 ISSN: 0023-6438. | https://doi.org/10.1016/j.lwt.2021.111419 |
| 165 | 2021 | J. L. Mata Machuca, L. F. Zarazua and Aguilar Lopez R. Experimental verification of the leader-follower formation control of two wheeled mobile robots with obstacle avoidance. IEEE Latin America Transactions. Volumen: 19 Número: 8 Páginas: 1417-1424 ISSN: 1548-0992. | https://doi.org/10.1109/TLA.2021.9475873 |
| 166 | 2021 | Hilario Flores Mejia, Antonio Lara Musule, Eliseo Hernández Martínez, Aguilar Lopez R and Hector Puebla. Indirect Monitoring of Anaerobic Digestion for Cheese Whey Treatment. Processes. Volumen: 9 Número: 539 ISSN: 2227-9717. | https://doi.org/10.3390/pr9030539 |
| 167 | 2021 | Gurusamy Kutralam Muniasamy, Pérez Guevara F, Ignacio Elizalde Martínez and Venkata Chari S. Particulate matter concentrations and their association with COVID-19-related mortality in Mexico during June 2020 Saharan dust event. Environmental Science and Pollution Research. Volumen: 28 Número: 36 Páginas: 49989-50000 ISSN: 0944-1344. | https://doi.org/10.1007/s11356-021-14168-y |
| 168 | 2021 | Gurusamy Kutralam Muniasamy, Pérez Guevara F, I. Elizalde Martínez and V.C. Shruti. How well-protected are protected areas from anthropogenic microplastic contamination? Review of analytical methods, current trends, and prospects. Trends in Environmental Analytical Chemistry. Volumen: 32 ISSN: 2214-1588. | https://doi.org/10.1016/j.teac.2021.e00147 |
| 169 | 2021 | Gurusamy Kutralam Muniasamy, Pérez Guevara F, I. Elizalde Martínez and Venkata Chari S. Overview of microplastics pollution with heavy metals: Analytical methods, occurrence, transfer risks and call for standardization. Journal of Hazardous Materials. Volumen: 415 Número: 125755 ISSN: 0304-3894. | https://doi.org/10.1016/j.jhazmat.2021.125755 |
| 170 | 2021 | Gratia Flores Salgado, Guillermo Quijano, Miguel Vital Jacome, Germán Buitron, Santos Miguel Orozco Soto, Pablo Vera Bustamante, Juan Manuel Ibarra Zannatha and Thalasso F. Novel photo-microrespirometric method for the rapid determination of photosynthesis-irradiance (PI) curves in microalgal-bacterial systems. Algal Research. Volumen: 58 Número: 102414 ISSN: 2211-9264. | https://doi.org/10.1016/j.algal.2021.102414 |
| 171 | 2021 | Gratia Flores Salgado, Thalasso F, Germán Buitron, Miguel Vital Jacome and Guillermo Quijano. Kinetic characterization of microalgal-bacterial systems: Contributions of microalgae and heterotrophic bacteria to the oxygen balance in wastewater treatment. Biochemical Engineering Journal. Volumen: 165 Número: 107819 ISSN: 1369-703. | https://doi.org/10.1016/j.bej.2020.107819 |
| 172 | 2021 | Gabriela Robles Mora, Barrera Cortes J, Lucila Valdez Castro, Omar Solorza Feria and César García Díaz. Polycyclic Aromatic Hydrocarbon Sorption by Functionalized Humic Acids Immobilized in Micro- and Nano-Zeolites. Sustainability. Volumen: 13 Número: 10391 ISSN: 2071-1050. | https://doi.org/10.3390/su131810391 |
| 173 | 2021 | Gabriela Conti, Xoconostle Cazares BG, Gabriel Marcelino Pérez, Horacio Esteban Hopp and Carina A. Reyes. Citrus genetic transformation: An overview of the current strategies and insights on the new emerging technologies. Frontiers in Plant Science. Volumen: 12 Número: 768197. | https://doi.org/10.3389/fpls.2021.768197 |
| 174 | 2021 | Gabriel Marcelino Pérez, Ruiz Medrano R, Salvador Gallardo Hernández and Xoconostle Cazares BG. Adsorption of recombinant human beta-defensin 2 and two mutants on mesoporous silica nanoparticles and its effect against Clavibacter michiganensis subsp. michiganensis. Nanomaterials. Volumen: 11 Número: 2144 ISSN: 2079-4991. | https://doi.org/10.3390/nano11082144 |
| 175 | 2021 | Fernando Pérez Rodríguez, Juan Manuel González Prieto, José Antonio Vera Núñez, Ruiz Medrano R, Juan José Peña Cabriales and José Ruiz Herrera. Wide distribution of the Ustilago maydis-bacterium endosymbiosis in naturally infected maize plants. Plant Signaling. Volumen: 16 Número: 2. | https://doi.org/10.1080/15592324.2020.1855016 |
| 176 | 2021 | Pérez Guevara F, Gurusamy Kutralam Muniasamy and Venkata Chari S. Critical review on microplastics in fecal matter: Research progress, analytical methods and future outlook. Science of the Total Environment . Volumen: 778 Número: 146395 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2021.146395 |
| 177 | 2021 | Ernesto Flores Rojas, Denhi Schnabel, Erick Justo Cabrera, Omar Solorza Feria, Poggi Varaldo HM and Luz Bretón Deval. Using nano zero-valent iron supported on diatomite to remove acid blue dye: synthesis, characterization, and toxicology test. Sustainability. Volumen: 13 Número: 24 Número de artículo: 13899. | https://doi.org/10.3390/su132413899 |
| 178 | 2021 | Elizabeth Rubio Rodríguez, Ileana Vera Reyes, Édgar Baldemar Sepúlveda García, Ramos Valdivia AC and Gabriela Trejo Tapia. Secondary metabolite production and related biosynthetic genes expression in response to methyl jasmonate in Castilleja tenuiflora Benth. in vitro plants. Plant Cell Tissue and Organ Culture. Volumen: 144 Número: 3 Páginas: 519-532 ISSN: 0167-6857. | https://doi.org/10.1007/s11240-020-01975-3 |
| 179 | 2021 | Edson A. Romero Salas, Yendi E. Navarro Noya, Marco Luna Guido, Nele Verhulst, José Crossa, Bram Govaerts and Dendooven L. Changes in the bacterial community structure in soil under conventional and conservation practices throughout a complete maize (Zea mays L.) crop cycle. Applied Soil Ecology . Volumen: 157 Número: 103733. | https://doi.org/10.1016/j.apsoil.2020.103733 |
| 180 | 2021 | Edgar Yebrán Villegas Vázquez, Xoconostle Cazares BG and Ruiz Medrano R. An ancestry perspective of the evolution of PBS1 proteins in plants. International Journal of Molecular Sciences. Volumen: 22 Número: 6819 ISSN: 1422-0067. | https://doi.org/10.3390/ijms22136819 |
| 181 | 2021 | Edgar N. Tec Caamal, Rodríguez Vázquez R, Jan Weijma and Aguilar López R. Simulation platform for in-situ Fe(II) oxidation and bioscorodite crystallization in a one-step process for As(V) immobilization from acid wastewater. Minerals Engineering . Volumen: 172 Número: 107170 ISSN: 0892-6875. | https://doi.org/10.1016/j.mineng.2021.107170 |
| 182 | 2021 | Céline Lavergne, Polette Aguilar Muñoz, Natalia Calle, Thalasso F, María Soledad Astorga España, Armando Sepulveda Jauregui, Karla Martinez Cruz, Laure Gandois, Andrés Mansilla, Rolando Chamy, Maialen Barret and Léa Cabrol. Temperature differently affected methanogenic pathways and microbial communities in sub-Antarctic freshwater ecosystems. Environment International. Volumen: 154 Número: 106575 ISSN: 0160-4120. | https://doi.org/10.1016/j.envint.2021.106575 |
| 183 | 2021 | Catherine G. Mar Pineda, Poggi Varaldo HM, M. Ponce Noyola MT, Daniel A Estrada Bárcenas, Ríos Leal E, Esparza Garcia FJ, Juvencio Galíndez Mayer and Noemi F Rinderknecht Seijas. Effect of zero-valent iron nanoparticles on the remediation of a clayish soil contaminated with gamma-hexachlorocyclohexane (lindane) in a bioelectrochemical slurry reactor. Canadian Journal of Chemical Engineering. Volumen: 99 Número: 7 Páginas: 1640-1640. | https://doi.org/10.1002/cjce.24027 |
| 184 | 2021 | Carolina Guatemala Hernández, Barrera Cortes J, Carlos M. Cerda García Rojas, Mauricio D. Carbajal Tinoco, Ponce Noyola MT, Margarita Sánchez Domínguez and Benjamín Chávez Gómez. Weathered Railroad Diesel Removed from a Loamy Sand Soil by Means of Mono-rhamnolipids. Soil and Sediment Contamination: An International Journal. Volumen: 30 Número: 3 Paginas: 350-372 ISSN: 1532-0383. | https://doi.org/10.1080/15320383.2020.1854676 |
| 185 | 2021 | Ausencio Galindo, Rosario Javier Reyna, Guillermina García Rivera, Cecilia Bañuelos, Sarita Montaño, Ortega Lopez J, Bibiana Chávez Munguía, Lizbeth Salazar Villatoro and Esther Orozco. EhVps23: A component of ESCRT-I that participates in vesicular trafficking and phagocytosis of Entamoeba histolytica. Frontiers in Cellular and Infection Microbiology. Volumen: 11 Número: 770759. | https://doi.org/10.3389/fcimb.2021.770759 |
| 186 | 2021 | Anuar Ahmed Magaña Álvarez, Daisy Pérez Brito, Brenda Yazmín Vargas Hernández, José Abrahán Ramírez Pool, Leandro Alberto Núñez Muñoz, Héctor Salgado Ortiz, Rodolfo de la Torre Almaraz, Ruiz Medrano R and Xoconostle Cazares BG. Detection of Tomato brown rugose fruit virus (ToBRFV) in solanaceous plants in Mexico. Journal of Plant Diseases and Protection. Volumen: 128 Páginas: 1627–1635 ISSN: 1861-3829. | https://doi.org/10.1007/s41348-021-00496-1 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 187 | 2021 | Andrés Aguilar Granados, Bárbara Hernández Macías, Guillermo Santiago Martínez, Ruiz Medrano R, Luis Kameyama Kawabe, Jesús Hinojosa Moya, Montes Horcasitas MC and Xoconostle Cazares BG. Genetic diversity of Xylella fastidiosa in Mexican vineyards. Plant Disease . Volumen: 105 Número: 5 Páginas: 1490-1494 ISSN: 0191-2917. | https://doi.org/10.1094/PDIS-09-20-1900-RE |
| 188 | 2021 | Anbu Landa Faz, Sara González Orenga, Monica Boscaiu, Rodríguez Vázquez R and Oscar Vicente. Effect of the Pesticide Endosulfan and Two Different Biostimulants on the Stress esponses of Phaseolus leptostachyus Plants Grown in a Saline Soil. Agronomy - Basel. Volumen: 11 Número: 1208 ISSN: 2073-4395. | https://doi.org/10.3390/agronomy11061208 |
| 189 | 2021 | Analleli Jiménez Durán, Barrera Cortes J, Laura Patricia Lina García, Rosa Santillan, Ramón Marcos Soto Hernández, Ramos Valdivia AC, Ponce Noyola MT and Ríos Leal E. Biological activity of phytochemicals from agricultural wastes and weeds on Spodoptera frugiperda (J.E. Smith) (Lepidoptera: Noctuidae). Sustainability. Volumen: 13 Número: 13896. | https://doi.org/10.3390/su132413896 |
| 190 | 2021 | Amaury Ábrego García, Poggi Varaldo HM, Alfredo Mendoza Vargas, Francisco G. Mercado Valle, Ríos Leal E, Ponce Noyola MT and Calva Calva G. Effects of Fermented Oat Straw as a Lovastatin Carrier on in vitro Methane Production and Rumen Microbiota. Frontiers in Energy Research. Volumen: 9 Número: 630701 ISSN: 2296-598. | https://doi.org/10.3389/fenrg.2021.630701 |
| 191 | 2021 | Amaury Ábrego Gacía, Poggi Varaldo HM, Vania Robles Gonzalez, Ponce Noyola MT, Calva Calva G, Rios Leal E, Daniel Estrada Bárcenas and Alfredo Mendoza Vargas. Lovastatin as a supplement to mitigate rumen methanogenesis: an overview. Journal of Animal Science and Biotechnology. Volumen: 12 Numero: 123. | https://doi.org/10.1186/s40104-021-00641-8 |
| 192 | 2021 | Alfredo Arias Ruiz, Isabel Ambriz Mexicano, Nora Ruiz Ordaz, Juvencio Galíndez Mayer, Poggi Varaldo HM, Jaime García Mena, Khemlal Nirmalkar and Ricardo Monterrubio López. The functional response of immobilized microbial communities to increase loading rates of the pesticides chlorpyrifos and bifenthrin. Environmental Engineering and Management Journal. Volumen: 20 Número: 8 Páginas: 1317-1327. | Microsoft Word - 10_440_Arias-Ruiz_20.docx (tuiasi.ro) |
| 193 | 2021 | A. Landa Faz, Rodríguez Vázquez R and T. G. Roldán Carillo. Mycoremediation of an agricultural salty soil contaminated with endosulfan by Penicillium crustosum: and agronomic bioassays with Phaseolus leptostachyus. Journal of Environmental Science and Health, Part B. Volumen: 56 Número: 9 Paginas: 838-844 ISSN: 0360-1234. | https://doi.org/10.1080/03601234.2021.1962167 |
| 194 | 2020 | Alberto Ordaz , Eva Gil , Gabriel R. Hernandez Martinez, Thalasso F , Susana Rincón and Alejandro Zepeda. Microrespirometric assessment of the metal-organic framework [Co-2(btec)(bipy)(DMF)(2)](n) ("MOF-Co") to prevent inhibition by arsenic in activated sludge. Environmental Science-Water Research. Volumen: 6 Número de artículo: 4 Páginas: 1153-1162 ISSN: 2053-1400. | https://doi.org/10.1039/c9ew00967a |
| 195 | 2020 | Araceli Flores Sánchez, Arthi Rathinasabapathy , Ma. del Rocío López Cuellar, Berenice Vergara Porras and Pérez Guevara F. Biosynthesis of polyhydroxyalkanoates from vegetable oil under the co-expression of fadE and phaJ genes in Cupriavidus necator. International Journal Of Biological Macromolecules. Volumen: 164 Paginas: 1600–1607. | https://doi.org/10.1016/j.ijbiomac.2020.07.275 |
| 196 | 2020 | B. Montañez Barragán, J. L. Sanz Martin, P. Gutiérrez Macías, A. Morato Cerro , Rodríguez Vázquez R and B.E. Barragán Huerta. Azo dyes decolorization under high alkalinity and salinity conditions by Halomonas sp. in batch and packed bed reactor. Extremophiles. Volumen: 24 Número: 2 Páginas: 239-247 ISSN: 1431-0651. | https://doi.org/10.1007/s00792-019-01149-w |
| 197 | 2020 | Dulce J. Hernández Melchor, Beni Camacho Pérez, Ríos Leal E, Jesus Alarcón Bonilla and Pablo A. López Pérez. Modelling and multi-objective optimization for simulation of hydrogen production using a photosynthetic consortium. International Journal Of Chemical Reactor Engineering. Volumen: 18 Número: 7 ISSN: 2194-5748 Número de artículo: 20200019. | https://doi.org/10.1515/ijcre-2020-0019 |
| 198 | 2020 | Eric Dumonteil , Claudia Herrera , Weihong Tu , Kelly Goff , Marissa Fahlberg , Erin Haupt , Amitinder Kaur , Preston A. Marx , Ortega Lopez J, Peter J. Hotez and María Elena Bottazzi. Safety and immunogenicity of a recombinant vaccine against Trypanosoma cruzi in Rhesus macaques. Vaccine. Volumen: 38 Número: 29 Páginas: 4584-4591 ISSN: 0264-410. | https://doi.org/10.1016/j.vaccine.2020.05.010 |
| 199 | 2020 | Thalasso F , Armando Sepulveda Jauregui, Laure Gandois , Karla Martinez Cruz, Oscar Gerardo Nieto, María S. Astorga España, Roman Teisserenc , Céline Lavergne , Nikita Tananaev , Maialen Barret and Léa Cabrol. Sub-oxycline methane oxidation can fully uptake CH4 produced in sediments: case study of a lake in Siberia. Scientific Reports. Volumen: 10 Número: 1 ISSN: 2045-2322. | https://doi.org/10.1038/s41598-020-60394-8 |
| 200 | 2020 | Thalasso F , Katey Walter Anthony, Olya Irzak , Ethan Chaleff , Laughlin Barker , Peter Anthony , Philip Hanke and Rodrigo Gonzalez Valencia. Mobile open dynamic chamber measurement of methane macroseeps in lakes. Hydrology And Earth System Sciences. Volumen: 24 Páginas: 6047-6058. | https://doi.org/10.5194/hess-24-6047-2020 |
| 201 | 2020 | Quijano , M. Franco Morgado, M.S. Córdova Aguilar, E. Galindo and Thalasso F. Oxygen transfer in a three-phase bubble column using solid polymers as mass transfer vectors. Revista Mexicana De Ingeniería Química. Volumen: 19 Número: 1 Páginas: 483-494 ISSN: 1665-2738. | https://doi.org/10.24275/rmiq/Proc1486 |
| 202 | 2020 | Guadalupe Hernández Piedra, Violeta Ruiz Carrera, Alberto J Sánchez, Alfonso Azpeitia Morales and Calva Calva G. Induction of Hairy Roots on Somatic Embryos of Rhizoclones from Typha domingensis Seedlings.. Plants. Volumen: 9 Número: 12 Páginas: 1679. | https://doi.org/10.3390/plants9121679 |
| 203 | 2020 | Gurusamy Kutralam Muniasamy and Pérez Guevara F. Evolutionary relationships between the transcriptional repressors of the polyhydroxyalkanoate reserve storage system in prokaryotes: Conserved but phylogenetically heterogeneous. Gene. Volumen: 735 Número: 144397 ISSN: 0378-1119. | https://doi.org/10.1016/j.gene.2020.144397 |
| 204 | 2020 | Gurusamy Kutralam Muniasamy, Pérez Guevara F, I. Elizalde Martínez and V.C. Shruti. Branded milks - Are they immune from microplastics contamination?. Science Of The Total Environment. Volumen: 714 Número: 136823 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2020.136823 |
| 205 | 2020 | Gurusamy Kutralam Muniasamy, Pérez Guevara F, I. Elizalde Martínez and V.C. Shruti. Review of current trends, advances and analytical challenges for microplastics contamination in Latin America. Environmental Pollution. Volumen: 267 ISSN: 0269-7491. | https://doi.org/10.1016/j.envpol.2020.115463 |
| 206 | 2020 | Gurusamy Kutralam Narayanasamy, Pérez Guevara F, I. Elizalde Martínez and V.C. Shruti. An overview of recent advances in micro/nano beads and microfibers research: Critical assessment and promoting the less known. Science Of The Total Environment. Volumen: 740 Número: 139991 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2020.139991 |
| 207 | 2020 | Gurusamy Kutralam Narayanasamy, Pérez Guevara F, Priyadarsi D. Roy , I. Elizalde Martínez and V.C. Shruti. Impacts of the COVID-19 lockdown on air quality and its association with human mortality trends in megapolis Mexico City. Air Quality, Atmosphere. ISSN: 1873-9318. | https://doi.org/10.1007/s11869-020-00960-1 |
| 208 | 2020 | Ilse Yazmin Arciniega Carreon, Maria Guadalupe Ramirez Sotelo, Ramos Valdivia AC, Carlos Edmundo Salas, Arturo Ortega and Carmen Oliver Salvador. Metabolites in cultured cells of Ibervillea sonorae (S. Watson) Greene display increased hypoglycemic activity compared to that seen in plant roots. Horticulture Environment And Biotechnology. Volumen: 61 Número: 6 Páginas: 1039-1049 ISSN: 2211-3452. | https://doi.org/10.1007/s13580-020-00281-3 |
| 209 | 2020 | J.C. Figueroa Estrada, M. I. Neria González, Rodríguez Vázquez R, E.N. Tec Caamal and Aguilar Lopez R. Controlling a continuous stirred tank reactor for zinc leaching. Minerals Engineering. Volumen: 157 Número: 106549 ISSN: 0892-6875. | https://doi.org/10.1016/j.mineng.2020.106549 |
| 210 | 2020 | J.C. Figueroa Estrada, Aguilar Lopez R, R. Rodríguez Vázquez and M. I. Neria González. Bioleaching for the extraction of metals from sulfide ores using a new chemolithoautotrophic bacterium. Hydrometallurgy. Volumen: 197 Número: 105445 ISSN: 0304-386. | https://doi.org/10.1016/j.hydromet.2020.105445 |
| 211 | 2020 | Juana Lira Pérez, Rodríguez Vázquez R and Wilberth Chan Cupul. Effect of fungal co-cultures on ligninolytic enzyme activities, H2O2 production, and orange G discoloration. Preparative Biochemistry. Volumen: 50 Número: 6 Páginas: 607-618 ISSN: 1082-6068. | https://doi.org/10.1080/10826068.2020.1721534 |
| 212 | 2020 | Karina Enriquez Navarro, Angelica Maldonado Rodríguez, Othon Rojas Montes, Rocio Torres Ibarra, Leticia Bucio Ortiz, Miguel A. De la Cruz , Jesus Torres Flores, Xoconostle Cazares BG and Rosalia Lira. Identification of mutations in the S gene of hepatitis B virus in HIV positive Mexican patients with occult hepatitis B virus infection. Annals Of Hepatology. Volumen: 19 Número: 5 Página:s 507-515 ISSN: 1665-2681. | https://doi.org/10.1016/j.aohep.2020.06.002 |
| 213 | 2020 | L. Flores López, O. Morales Galván, A. Cando Narváez , J. Barreto Turiján, Xoconostle Cazares BG and E. Castro Cassagnon. First Report of Xanthomonas phaseoli pv. dieffenbachiae Causing Bacterial Leaf Blight on Anthurium andreanum in Mexico. Plant Disease. Volumen: 104 Número: 4 Páginas: 1252-1252 ISSN: 0191-2917. | https://doi.org/10.1094/PDIS-10-19-2246-PDN |
| 214 | 2020 | L.S. Vélez Pérez, J. Ramirez Nava, G. Hernandez Flores, O. Talavera Mendoza, C. Escamilla Alvarado, Poggi Varaldo HM, O. Solorza Feria and J.A. López Díaz. Industrial acid mine drainage and municipal wastewater co-treatment by dual-chamber microbial fuel cells. International Journal Of Hydrogen Energy. Volumen: 45 Número: 26 Páginas: 13757-13766 ISSN: 0360-3199. | https://doi.org/10.1016/j.ijhydene.2019.12.037 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 215 | 2020 | Laurette Prince , Nele Verhulst , Bram Govaerts , Yendi E. Navarro Noya and Dendooven L. Wet or dry sowing had a larger effect on the soil bacterial community composition than tillage practices in an arid irrigated agro-ecosystem. Journal Of Soils And Sediments. Volumen: 20 Número: 9 Paginas: 3316-3329 ISSN: 1439-0108. | https://doi.org/10.1007/s11368-020-02626-y |
| 216 | 2020 | Léa Cabrol , Thalasso F , Laure Gandois , Armando Sepulveda Jauregui, Karla Martinez Cruz, Roman Teisserenc , Nikita Tananaev , Alexander Tveit , Mette M. Svenning and Maialen Barret. Anaerobic oxidation of methane and associated microbiome in anoxic water of Northwestern Siberian lakes. Science Of The Total Environment. Volumen: 736 Número: 139588 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2020.139588 |
| 217 | 2020 | Leticia Romero Cedillo, Poggi Varaldo HM, Jaime Santoyo Salazar, Carlos Escamilla Alvarado, Yasuhiro Matsumoto Kuwuabara, Ponce Noyola MT, Luz Bretón Deval and Miguel García Rocha. Biological synthesis of iron nanoparticles using hydrolysates from a waste-based biorefinery. Environmental Science And Pollution Research. Volumen: 27 Número: 23 Páginas: 28649-28669 ISSN: 0944-1344. | https://doi.org/10.1007/s11356-020-08729-w |
| 218 | 2020 | Ligia C. Muñoz Arenas, Carmine Fusaro, Mario hernández Guzmán, Dendooven L, Arturo Estrada Torres and Yendi E. Navarro Noya.. Soil microbial diversity drops with land-use change in a high mountain temperate forest: a metagenomics survey. Environmental Microbiology Reports. Volumen: 12 Número: 2 Páginas: 185-194 ISSN: 1758-2229. | https://doi.org/10.1111/1758-2229.12822 |
| 219 | 2020 | Luis Alberto Rivera Rivas, Sebastian Lorenzo Benito, Diana Belén Sánchez Rodríguez, Jesús FT Miranda Ozuna, Esly Alejandra Euceda Padilla, Ortega Lopez J, Bibiana Chávez Munguía, Anel Lagunés Guillén, Beatriz Velázquez Valassi, Lidia Jasso Villazul and Rossana Arroyo. The effect of iron on Trichomonas vaginalis TvCP2: a cysteine proteinase found in vaginal secretions of trichomoniasis patients. Parasitology. Volumen: 147 Número: 7 Páginas: 760-774 ISSN: 0031-1820. | https://doi.org/10.1017/S0031182020000438 |
| 220 | 2020 | Melissa Esther Morales Tovar, Ramos Ramirez EG and Salazar Montoya JA. Modeling and optimization of the parameters affecting extraction of the chan seed mucilage (Hyptis suaveolens (L.) Poit) by mechanical agitation (MA) and ultrasound-assisted extraction (UAE) in a multiple variables system. Food And Bioproducts Processing. Volumen: 120 Páginas: 166-178 ISSN: 0960-3085. | https://doi.org/10.1016/j.fbp.2020.01.009 |
| 221 | 2020 | Nina Montoya Ciriaco, Selene Gómez Acata, Ligia Catalina Muñoz Arenas, Dendooven L, Arturo Estrada Torres, Aníbal H. Díaz de la Vega Pérez and Yendi E. Navarro Noya. Dietary effects on gut microbiota of the mesquite lizard Sceloporus grammicus (Wiegmann, 1828) across different altitudes. Microbiome. Volumen: 8 Número: 1 ISSN: 2049-2618. | https://doi.org/10.1186/s40168-020-0783-6 |
| 222 | 2020 | Pablo Gortares Maroyoqui, Ruth Gabriela Ulloa Mercado, Nidia Josefina Ríos Vázquez, Luz Bretón Deval, Hervé Macarie , Poggi Varaldo HM and Isabel Sastre Conde. Advances in environmental biotechnology and engineering 2018. Environmental Science And Pollution Research. Volumen 27 Número: 23 Páginas: 28463-28468 ISSN: 0944-1344. | https://doi.org/10.1007/s11356-020-09377-w |
| 223 | 2020 | Raúl Balam Martínez Pérez, Jorge Alberto Rodríguez , Luis A. Cira Chávez, Dendooven L, Gustavo Viniegra González and Isabel Estrada Alvarado. Exoenzyme-producing halophilic bacteria from the former Lake Texcoco: identification and production of n-butyl oleate and bioactive peptides. Folia Microbiologica. Volumen: 65 Número: 5 Páginas: 835-847 ISSN: 0015-5632. | https://doi.org/10.1007/s12223-020-00794-5 |
| 224 | 2020 | Aguilar Lopez R, Edgar N. Tec Caamal and M. Isabel Neria González. Observer-Based Control for Uncertain Nonlinear Systems Applied to Continuous Biochemical Reactors. Mathematical Problems In Engineering. Número: 6417860 ISSN: 1024-123. | https://doi.org/10.1155/2020/6417860 |
| 225 | 2020 | Sergio A. Medina Moreno, Laura Conde Báez, Angélica Jiménez González, Aguilar Lopez R, Rodríguez Vázquez R and Edgar N. Tec Caamal. Modelling hexadecane uptake strategies of a rhizospheric bacterial consortium under different hydrodynamic draft-tube airlift reactor conditions. Biochemical Engineering Journal. Volumen: 160 Número: 107611 ISSN: 1369-703. | https://doi.org/10.1016/j.bej.2020.107611 |
| 226 | 2020 | V.C. Shruti , Pérez Guevara F and Gurusamy Kutralam Muniasamy. Metro station free drinking water fountain- A potential "microplastics hotspot" for human consumption. Environmental Pollution. Volumen: 261 Número: 114227 ISSN: 0269-7491. | https://doi.org/10.1016/j.envpol.2020.114227 |
| 227 | 2020 | V.C. Shruti , Pérez Guevara F, I. Elizalde Martínez and Gurusamy Kutralam Muniasamy. First study of its kind on the microplastic contamination of soft drinks, cold tea and energy drinks-Future research and environmental considerations. Science Of The Total Environment. Volumen: 726 Número: 138580 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2020.138580 |
| 228 | 2020 | Shruti , Pérez Guevara F, Priyadarsi D. Roy , I. Elizalde Martínez and Gurusamy Kutralam Narayanasamy. Identification and characterization of single use oxo/biodegradable plastics from Mexico City, Mexico: Is the advertised labeling useful?. Science Of The Total Environment. Volumen 739 Número: 140358 ISSN: 0048-9697. | https://doi.org/10.1016/j.scitotenv.2020.140358 |
| 229 | 2020 | Valentín Pérez Hernández, Mario hernández Guzmán, Nancy Serrano Silva, Marco Luna Guido, Yendi Ebenezer Navarro Noya, Joaquín Adolfo Montes Molina and Dendooven L. Diversity of amoA and pmoA Genes in Extremely Saline Alkaline Soils of the Former Lake Texcoco. Geomicrobiology Journal. Volumen: 37 Número: 9 Páginas: 785-797 ISSN: 0149-0451. | https://doi.org/10.1080/01490451.2020.1779417 |
| 230 | 2020 | Claudia L. Ibarra Sánchez, Laurette Prince , José L. Aguirre Noyola, Karla E. Sánchez Cerda, Yendi E. Navarro Noya, Marco Luna Guido, Eloy Conde Barajas, Dendooven L and Elizabeth Selene Gómez Acata. The microbial community in an alkaline saline sediment of a former maar lake bed. Journal Os Soils And Sediments. Volumen: 20 Número de artículo: 1 Páginas: 542-555. | https://doi.org/10.1007/s11368-019-02371-x |
| 231 | 2020 | Shruti VC, Pérez Guevara F, Elizalde Martinez I, Kutralam Muniasamy G. Reusable masks for COVID-19: A missing piece of the microplastic problem during the global health crisis. Marine Pollution Bulletin. Volumen: 161 Número de artículo: 111777. | https://doi.org/10.1016/j.marpolbul.2020.111777 |
| 232 | 2020 | Sotelo Navarro PX, Poggi Varaldo HM, Turpin Marion SJ, Seijas NFR. Sodium polyacrylate inhibits fermentative hydrogen production from waste diaper-like material. Journal Of Chemical Technology And Biotechnology. Volumen: 95 Número: 1 Páginas: 78-85. | https://doi.org/10.1002/jctb.6208 |
| 233 | 2019 | Fusaro C, Sarria Guzman Y, Chavez Romero YA, Luna Guido M, Munoz Arenas LC, Dendooven L, Estrada Torres A, Navarro Noya YE. Land use is the main driver of soil organic carbon spatial distribution in a high mountain ecosystem. Peerj. Volumen: 7 Número de artículo: e7897. | https://doi.org/10.7717/peerj.7897 |
| 234 | 2019 | Calderon Perez B, Piedra Ibarra E, de la Torre Almaraz R, Xoconostle Cazares BG, Ruiz Medrano R. Host-specific loss of sequences of an alfalfa mosaic virus isolate during systemic infection. Virus Research. Volumen: 272 Número de artículo: 197703. | https://doi.org/10.1016/j.virusres.2019.197703 |
| 235 | 2019 | Correa Higuera LJ, Sepulveda Garcia EB, Ponce Noyola MT, Trejo Espino JL, Jimenez Aparicio AR, Luna Palencia GR, Trejo Tapia G, Ramos Valdivia AC. Glucoindole alkaloid accumulation induced by yeast extract in Uncaria tomentosa root cultures is involved in defense response. Biotechnology Letters. Volumen: 41 Número: 10 Páginas: 1233-1244. | https://doi.org/10.1007/s10529-019-02714-1 |
| 236 | 2019 | Gonzalez Valencia R, Magana Rodriguez F, Sepulveda Jauregui A, Aguirrezabala Campano T, Gerardo Nieto O, Thalasso F. A simple model for the numerical characterization of spatiotemporal variability in aquatic ecosystems. Aquatic Sciences. Volumen: 81 Número: 4 Número de artículo: UNSP 58. | https://doi.org/10.1007/s00027-019-0652-1 |
| 237 | 2019 | Hernandez Flores G, Andrio A, Compan V, Solorza Feria O, Poggi Varaldo HM. Synthesis and characterization of organic agar-based membranes for microbial fuel cells. Journal Of Power Sources. Volumen: 435 Número de artículo: 226772. | https://doi.org/10.1016/j.jpowsour.2019.226772 |
| 238 | 2019 | Soto Robles LV, Torres Banda V, Rivera Orduna FN, Curiel Quesada E, Hidalgo Lara ME, Zuniga G. An Overview of Genes From Cyberlindnera americana, a Symbiont Yeast Isolated From the Gut of the Bark Beetle Dendroctonus rhizophagus (Curculionidae: Scolytinae), Involved in the Detoxification Process Using Genome and Transcriptome Data. Frontiers In Microbiology. Volumen: 10 Número de artículo: 2180. | https://doi.org/10.3389/fmicb.2019.02180 |
| 239 | 2019 | Estrada Vazquez C, Salinas Pacheco A, Peralta Reyes E, Poggi Varaldo HM, Regalado Mendez A. Parametric optimization of domestic wastewater treatment in an activated sludge sequencing batch reactor using response surface methodology. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 54 Número: 12 Páginas: 1197-1205. | https://doi.org/10.1080/10934529.2019.1631087 |
| 240 | 2019 | Rodriguez Mendoza J, Santiago Hernandez A, Alvarez Zuniga MT, Gutierrez Anton M, Aguilar Osorio G, Hidalgo Lara ME. Purification and biochemical characterization of a novel thermophilic exo-beta-1,3-glucanase from the thermophile biomass-degrading fungus Thielavia terrestris Co3Bag1. Electronic Journal Of Biotechnology. Volumen: 41 Páginas: 60-71. | https://doi.org/10.1016/j.ejbt.2019.07.001 |
| 241 | 2019 | Gomez Basurto F, Vital Jacome M, Gomez Acata ES, Thalasso F, Luna Guido M, Dendooven L. Microbial community dynamics during aerobic granulation in a sequencing batch reactor (SBR). Peerj. Volumen: 7 Número de artículo: e7152. | https://doi.org/10.7717/peerj.7152 |
| 242 | 2019 | Kutralam Muniasamy G, Pérez Guevara F. Comparative genome analysis of completely sequenced Cupriavidus genomes provides insights into the biosynthetic potential and versatile applications of Cupriavidus alkaliphilus ASC-732. Canadian Journal Of Microbiology. Volumen: 65 Número: 8 Páginas: 575-595. | https://doi.org/10.1139/cjm-2019-0027 |
| 243 | 2019 | Topete Betancourt A, Cardenas JDF, Rodriguez Lino AL, Rios Leal E, Morales Sanchez E, Martinez Flores HE. Effect of nixtamalization processes on mitigation of acrylamide formation in tortilla chips. Food Science And Biotechnology. Volumen: 28 Número: 4 Páginas: 975-982. | https://doi.org/10.1007/s10068-019-00563-2 |

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## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 244 | 2019 | Armenta Resendiz M, Rios Leal E, Rivera Garcia MT, Lopez Rubalcava C, Cruz SL. Structure-activity study of acute neurobehavioral effects of cyclohexane, benzene, m-xylene, and toluene in rats. Toxicology And Applied Pharmacology. Volumen: 376 Páginas: 38-45. | https://doi.org/10.1016/j.taap.2019.05.016 |
| 245 | 2019 | Sanchez Lopez KB, de los Santos Ramos FJ, Gomez Acata ES, Luna Guido M, Navarro Noya YE, Fernandez Luqueno F, Dendooven L. TiO2 nanoparticles affect the bacterial community structure and Eisenia fetida (Savigny, 1826) in an arable soil. Peerj. Volumen: 7 Número de artículo: e6939. | https://doi.org/10.7717/peerj.6939 |
| 246 | 2019 | Velazquez Sanchez HI, Aguilar Lopez R. Multi-Objective Optimization of an ABE Fermentation System for Butanol Production as Biofuel. International Journal Of Chemical Reactor Engineering. Volumen: 17 Número: 7 Número de artículo: 20180214. | https://doi.org/10.1515/ijcre-2018-0214 |
| 247 | 2019 | Hernandez Garcia MS, Miranda Ozuna JFT, Salazar Villatoro L, Vazquez Calzada C, Avila Gonzalez L, Gonzalez Robles A, Ortega Lopez J, Arroyo R. Biogenesis of Autophagosome in Trichomonas vaginalis during Macroautophagy Induced by Rapamycin-treatment and Iron or Glucose Starvation Conditions. Journal Of Eukaryotic Microbiology. Volumen: 66 Número: 4 Páginas: 654-669. | https://doi.org/10.1111/jeu.12712 |
| 248 | 2019 | Martinez Olivas MA, Jimenez Bueno NG, Hernandez Garcia JA, Fusaro C, Luna Guido M, Navarro Noya YE, Dendooven L. Bacterial and archaeal spatial distribution and its environmental drivers in an extremely haloalkaline soil at the landscape scale. Peerj. Volumen: 7 Número de artículo: e6127. | https://doi.org/10.7717/peerj.6127 |
| 249 | 2019 | Ordaz A, Ramirez R, Hernandez Martinez GR, Carrion M, Thalasso F. Characterization of kinetic parameters and mass transfer resistance in an aerobic fixed-bed reactor by in-situ respirometry. Biochemical Engineering Journal. Volumen: 146 Páginas: 194-202. | https://doi.org/10.1016/j.bej.2019.03.024 |
| 250 | 2019 | Ortega Ortega J, Ramirez Ortega FA, Ruiz Medrano R, Xoconostle Cazares BG. Analysis of Genome Size of Sixteen Coffea arabica Cultivars Using Flow Cytometry. Hortscience. Volumen: 54 Número: 6 Páginas: 998-+. | https://doi.org/10.21273/HORTSCI13916-19 |
| 251 | 2019 | Aguirrezabala Campano T, Gerardo Nieto O, Gonzalez Valencia R, Souza V, Thalasso F. Methane dynamics in the subsaline ponds of the Chihuahuan Desert: A first assessment. Science Of The Total Environment. Volumen: 666 Páginas: 1255-1264. | https://doi.org/10.1016/j.scitotenv.2019.02.163 |
| 252 | 2019 | Gerardo Nieto O, Vega Penaranda A, Gonzalez Valencia R, Alfano Ojeda Y, Thalasso F. Continuous Measurement of Diffusive and Ebullitive Fluxes of Methane in Aquatic Ecosystems by an Open Dynamic Chamber Method. Environmental Science & Technology. Volumen: 53 Número: 9 Páginas: 5159-5167. | https://doi.org/10.1021/acs.est.9b00425 |
| 253 | 2019 | Lira Perez J, Hidalgo Lara ME, Melendez Estrada J, Gonzalez de Jesus BJ, Rodríguez Vázquez R. The contribution of h2o2 produced by aspergillus niger in vat blue dye discoloration: enhancement by a statistical optimization methodology. Revista Mexicana De Ingenieria Quimica. Volumen: 18 Número: 2 Páginas: 701-714. | https://doi.org/10.24275/uam/izt/dcbi/revmexingquim/2019v18n2/Lira |
| 254 | 2019 | Tec Caamal EN, Rodríguez Vázquez R, Aguilar Lopez R. Kinetic analysis of arsenic and iron oxidation by Acidianus brierleyi for biogenic scorodite formation. Chemical Papers. Volumen: 73 Número: 4 Páginas: 811-820. | https://doi.org/10.1007/s11696-018-0653-x |
| 255 | 2019 | Herrera Solorio AM, Vembar SS, MacPherson CR, Lozano Amado D, Meza GR, Xoconostle Cazares BG, Martins RM, Chen P, Vargas M, Scherf A, Hernandez Rivas R. Clipped histone H3 is integrated into nucleosomes of DNA replication genes in the human malaria parasite Plasmodium falciparum. Embo Reports. Volumen: 20 Número: 4 Número de artículo: e46331. | https://doi.org/10.15252/embr.201846331 |
| 256 | 2019 | Reyes Reyes M, Salazar Montoya JA, Rodriguez Paez LI, Ramos Ramirez EG. In vitro fermentation of oligosaccharides obtained from enzymatic hydrolysis of Opuntia streptacantha mucilage. Journal Of The Science Of Food And Agriculture. Volumen: 99 Número: 6 Páginas: 2883-2891. | https://doi.org/10.1002/jsfa.9501 |
| 257 | 2019 | Valenzuela EI, Avendano KA, Balagurusamy N, Arriaga S, Nieto Delgado C, Thalasso F, Cervantes FJ. Electron shuttling mediated by humic substances fuels anaerobic methane oxidation and carbon burial in wetland sediments. Science Of The Total Environment. Volumen: 650 Páginas: 2674-2684. | https://doi.org/10.1016/j.scitotenv.2018.09.388 |
| 258 | 2019 | Gonzalez Chavez MDA, Carrillo Gonzalez R, Cuellar Sanchez A, Delgado Alvarado A, Suarez Espinosa J, Rios Leal E, Solis Dominguez FA, Maldonado Mendoza IE. Phytoremediation assisted by mycorrhizal fungi of a Mexican defunct lead-acid battery recycling site. Science Of The Total Environment. Volumen: 650 Páginas: 3134-3144. | https://doi.org/10.1016/j.scitotenv.2018.10.031 |
| 259 | 2019 | Rincon Molina CI, Hernandez Garcia JA, Rincon Rosales R, Gutierrez Miceli FA, Ramirez Villanueva DA, Gonzalez Terreros E, Pena Ocana BA, Palomeque Dominguez H, Dendooven L, Ruiz Valdiviezo VM. Structure and Diversity of the Bacterial Communities in the Acid and Thermophilic Crater-Lake of the Volcano "El Chichon", Mexico. Geomicrobiology Journal. Volumen: 36 Número: 2 Páginas: 97-109. | https://doi.org/10.1080/01490451.2018.1509158 |
| 260 | 2019 | Moha Leon JD, Perez Legaspi IA, Ortega Clemente LA, Rubio Franchini I, Rios Leal E. Improving the lipid content of Nannochloropsis oculata by a mutation-selection program using UV radiation and quizalofop. Journal Of Applied Phycology. Volumen: 31 Número: 1 Páginas: 191-199. | https://doi.org/10.1007/s10811-018-1568-1 |
| 261 | 2019 | Martinez Soto D, Velez Haro JM, Leon Ramirez CG, Ruiz Medrano R, Xoconostle Cazares BG, Ruiz Herrera J. The cereal phytopathogen Sporisorium reilianum is able to infect the non-natural host Arabidopsis thaliana. European Journal Of Plant Pathology. Volumen: 153 Número: 2 Páginas: 417-427. | https://doi.org/10.1007/s10658-018-1567-8 |
| 262 | 2019 | Mancera Lopez ME, Izquierdo Estevez WF, Escalante Sanchez A, Ibarra JE, Barrera Cortes J. Encapsulation of Trichoderma harzianum conidia as a method of conidia preservation at room temperature and propagation in submerged culture. Biocontrol Science And Technology. Volumen: 29 Número: 2 Páginas: 107-130. | https://doi.org/10.1080/09583157.2018.1535053 |
| 263 | 2019 | de la Cruz JJ, Villanueva Lizama L, Dzul Huchim V, Ramirez Sierra MJ, Martinez Vega P, Rosado Vallado M, Ortega Lopez J, Flores Pucheta CI, Gillespie P, Zhan B, Bottazzi ME, Hotez PJ, Dumonteil E. Production of recombinant TSA-1 and evaluation of its potential for the immuno-therapeutic control of Trypanosoma cruzi infection in mice. Human Vaccines & Immunotherapeutics. Volumen: 15 Número: 1 Páginas: 210-219. | https://doi.org/10.1080/21645515.2018.1520581 |
| 264 | 2019 | Perez PAL, Aguilar Lopez R, Castillo Baltazar OS, Castaneda EV, Caballero VP. Virtual sensors for bio-fuels production: a brief mathematical description for synthesis of algorithms. Comptes Rendus De L Academie Bulgare Des Sciences. Volumen: 72 Número: 10 Páginas: 1383-1392. | https://doi.org/10.7546/CRABS.2019.10.11 |
| 265 | 2019 | Figueroa Estrada JC, Neria Gonzalez MI, Aguilar Lopez R. Design of a class of super twisting sliding-mode controller: application to bioleaching process. Comptes Rendus De L Academie Bulgare Des Sciences. Volumen: 72 Número: 7 Páginas: 957-964. | https://doi.org/10.7546/CRABS.2019.07.13 |
| 266 | 2019 | Hernandez Castillo MI, Hernandez Navarrete A, Jimenez Montejo FE, Cruz Lopez MD, Hidalgo Lara ME, Lopez Y Lopez VE. Use of low quality barley starch for the production of amylolytic enzymes by Aureobasidium pullulans. Revista Internacional De Contaminacion Ambiental. Volumen: 35 Número: 2 Páginas: 435-446. | https://doi.org/10.20937/RICA.2019.35.02.14 |
| 267 | 2019 | Roman Carraro FC, Florencio Martinez LE, Romero Meza G, Nepomuceno Mejia T, Carrero JC, Arroyo R, Ortega Lopez J, Manning Cela RG, Martinez Calvillo S. TFIIIB Subunit Bdp1 Participates in RNA Polymerase III Transcription in the Protozoan Parasite Leishmania major. Biomed Research International. Número de artículo: 1425281. | https://doi.org/10.1155/2019/1425281 |
| 268 | 2019 | Velazquez Sanchez HI, Dominguez Bocanegra AR, Aguilar Lopez R. Modelling of the pH dynamic and its effect over the Isopropanol-Butanol-Ethanol fermentation by Clostridium acetobutylicum pIPA3-Cm2. Fuel. Volumen: 235 Páginas: 558-566. | https://doi.org/10.1016/j.fuel.2018.08.034 |
| 269 | 2019 | Ramirez Lopez C, Esparza Garcia FJ, Ferrera Cerrato R, Alarcon A, Canizares Villanueva RO. Short-term effects of a photosynthetic microbial consortium and nitrogen fertilization on soil chemical properties, growth, and yield of wheat under greenhouse conditions. Journal Of Applied Phycology. Volumen: 31 Número: 6 Páginas: 3617-3624. | https://doi.org/10.1007/s10811-019-01861-2 |
| 270 | 2019 | Grijalva Hernandez F, Vega Estrada J, Escobar Rosales M, Ortega Lopez J, Aguilar Lopez R, Lara AR, Montes Horcasitas MC. High Kanamycin Concentration as Another Stress Factor Additional to Temperature to Increase pDNA Production in E. coli DH5 alpha Batch and Fed-Batch Cultures. Microorganisms. Volumen: 7 Número: 12 Número de artículo: 711. | https://doi.org/10.3390/microorganisms7120711 |
| 271 | 2019 | Garcia V, Loera O, Montes Horcasitas MC, Mendoza GD. Fibrolytic activity of four Trichoderma strains grown on agro-industrial residues. Revista De La Facultad De Ciencias Agrarias. Volumen: 51 Número: 2 Páginas: 192-200. | https://www.scielo.org.ar/pdf/refca/v51n2/v51n2a15.pdf |
| 272 | 2019 | Tec Caamal EN, Rodríguez Vázquez R, Torres Bustillos LG, Aguilar Lopez R. Kinetic analysis via mathematical modeling for ferrous iron oxidation in a class of SBR-type system. Chinese Journal Of Chemical Engineering. Volumen: 27 Número: 10 Páginas: 2472-2480. | https://doi.org/10.1016/j.cjche.2019.04.014 |
| 273 | 2019 | Grajales Lagunes A, Cabrera Ruiz L, Gutierrez Miceli F, Ruiz Cabrera MA, Dendooven L, Abud Archila M. Anthocyanins from blackberry (Rubus fructicosus L.) impregnated in yam bean (Pachyrhizus erosus (L.) Urb.) by osmotic dehydration. Food Science And Technology. Volumen: 39 Número: 4 Páginas: 922-929. | https://doi.org/10.1590/fst.15618 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 274 | 2019 | Martinez Garcia S, Chavez Cabrera C, Quintana ET, Marsch Moreno R, Ibanez Hernandez MA, Zenteno JC, Cruz Aguilar M, Velazquez Guadarrama N, Betanzos Cabrera G, Rodriguez Martinez S, Cancino Diaz ME, Cancino Diaz JC. Differential Expression of the apsXRS System by Antimicrobial Peptide LL-37 in Commensal and Clinical Staphylococcus epidermidis Isolates. Indian Journal Of Microbiology. Volumen: 59 Número: 3 Páginas: 295-303. | https://doi.org/10.1007/s12088-019-00800-6 |
| 275 | 2018 | Agreda Laguna KA, Cabrera Ponce JL, Ruiz Medrano R, Garzon Tiznado JA, Xoconostle Cazares BG. Trehalose accumulation provides drought tolerance to genetically-modified maize in open field trials. Pakistan Journal Of Agricultural Sciences. Volumen: 55 Número: 4 Páginas: 1009-1020. | https://doi.org/10.21162/PAKJAS/18.6901 |
| 276 | 2018 | Moreno Cruz CF, Lara VH, Thalasso F, Monroy O, Ramirez Vives F. Influence of sodium hypochlorite on the anaerobic treatment of brown water. Revista Mexicana De Ingenieria Quimica. Volumen: 17 Número: 3 Páginas: 999-1009. | https://doi.org/10.24275/uam/izt/dcbi/revmexingquim/2018v17n3/Moreno |
| 277 | 2018 | Aguilar Lopez R, Mata Machuca JL, Martinez-Guerra R, Perez Pinacho CA. Synchronization of Multiple Mechanical Oscillators Under Noisy Measurements Signals and Mismatch Parameters. International Journal Of Nonlinear Sciences And Numerical Simulation. Volumen: 19 Número: 7-8 Páginas: 699-707. | https://doi.org/10.1515/ijnsns-2017-0096 |
| 278 | 2018 | Moreno Espindola IP, Ferrara Guerrero MJ, Luna Guido ML, Ramirez Villanueva DA, de Leon Lorenzana AS, Gomez Acata S, Gonzalez Terreros E, Ramirez-Barajas B, Navarro Noya YE, Sanchez Rodriguez LM, Fuentes Ponce M, Macedas Jimenez JU, Dendooven L. The Bacterial Community Structure and Microbial Activity in a Traditional Organic Milpa Farming System Under Different Soil Moisture Conditions. Frontiers In Microbiology. Volumen: 9 Número de artículo: 2737. | https://doi.org/10.3389/fmicb.2018.02737 |
| 279 | 2018 | Guerra Lupian MA, Ruiz Medrano R, Ramirez Pool JA, Ramirez Ortega FA, Lopez Buenfil JA, Loeza Kuk E, Morales Galvan O, Chavarin Palacio C, Hinojosa Moya J, Xoconostle Cazares BG. Localized expression of antimicrobial proteins mitigates huanglongbing symptoms in Mexican lime. Journal Of Biotechnology. Volumen: 285 Páginas: 74-83. | https://doi.org/10.1016/j.jbiotec.2018.08.012 |
| 280 | 2018 | Robles Gonzalez V, Poggi Varaldo HM, Galindez Mayer J, Ruiz Ordaz N. Combined Treatment of Mezcal Vinasses by Ozonation and Activated Sludge. Water Environment Research. Volumen: 90 Número: 11 Páginas: 1985-1996. | https://doi.org/10.2175/106143017X15054988926433 |
| 281 | 2018 | Sanchez Lizarraga AL, Arenas Montano V, Marino Marmolejo EN, Dendooven L, Velazquez Fernandez JB, Davila Vazquez G, Rodriguez Campos J, Hernandez Cuevas L, Contreras Ramos SM. Vinasse irrigation: effects on soil fertility and arbuscular mycorrhizal fungi population. Journal Of Soils And Sediments. Volumen: 18 Número: 11 Páginas: 3256-3270. | https://doi.org/10.1007/s11368-018-1996-1 |
| 282 | 2018 | Martinez Cruz K, Sepulveda Jauregui A, Casper P, Anthony KW, Smemo KA, Thalasso F. Ubiquitous and significant anaerobic oxidation of methane in freshwater lake sediments. Water Research. Volumen: 144 Páginas: 332-340. | https://doi.org/10.1016/j.watres.2018.07.053 |
| 283 | 2018 | Murugesan S, Reyes Mata MP, Nirmalkar K, Chavez Carbajal A, Juarez Hernandez JI, Torres Gomez RE, Pina Escobedo A, Maya O, Hoyo Vadillo C, Ramos Ramirez EG, Salazar Montoya JA, Garcia Mena J. Profiling of bacterial and fungal communities of Mexican cheeses by high throughput DNA sequencing. Food Research International. Volumen: 113 Páginas: 371-381. | https://doi.org/10.1016/j.foodres.2018.07.023 |
| 284 | 2018 | Escalante Sanchez A, Barrera Cortes J, Poggi Varaldo HM, Ponce Noyola MT, Baruch IS. A soft sensor based on online biomass measurements for the glucose estimation and control of fed-batch cultures of Bacillus thuringiensis. Bioprocess And Biosystems Engineering. Volumen: 41 Número: 10 Páginas: 1471-1484. | https://doi.org/10.1007/s00449-018-1975-3 |
| 285 | 2018 | Grijalva Hernandez F, Caballero VP, Lopez Perez PA, Aguilar Lopez R. Estimation of plasmid concentration in batch culture of Escherichia coli DH5 alpha via simple state observer. Chemical Papers. Volumen: 72 Número: 10 Páginas: 2589-2598. | https://doi.org/10.1007/s11696-018-0478-7 |
| 286 | 2018 | Sepulveda Jauregui A, Hoyos Santillan J, Martinez Cruz K, Anthony KMW, Casper P, Belmonte Izquierdo Y, Thalasso F. Eutrophication exacerbates the impact of climate warming on lake methane emission. Science Of The Total Environment. Volumen: 636 Páginas: 411-419. | https://doi.org/10.1016/j.scitotenv.2018.04.283 |
| 287 | 2018 | Aguilar Lopez R, Mata Machuca JL. On the observability and state estimation in a class of gene-expression system. Dynamic Systems And Applications. Volumen: 27 Número: 3 Páginas: 531-544. | https://doi.org/10.12732/dsa.v27i3.5 |
| 288 | 2018 | Sanchez Rodriguez DB, Ortega Lopez J, Cardenas Guerra RE, Resendiz Cardiel G, Chavez Munguia B, Lagunes Guillen A, Arroyo R. Characterization of a novel endogenous cysteine proteinase inhibitor, trichocystatin-3 (TC-3), localized on the surface of Trichomonas vaginalis. International Journal Of Biochemistry & Cell Biology. Volumen: 102 Páginas: 87-100. | https://doi.org/10.1016/j.biocel.2018.07.005 |
| 289 | 2018 | Enciso Saenz S, Borras Enriquez AJ, Ventura Canseco LMC, Gutierrez Miceli E, Dendooven L, Grajales Lagunes A, Ruiz Cabrera MA, Ruiz Valdiviezo V, Archila MA. Lemongrass (cymbopogon citratus (dc) stapf) essential oil encapsulation by freeze-drying. Revista Mexicana De Ingenieria Quimica. Volumen: 17 Número: 2 Páginas: 407-420. | https://doi.org/ 10.24275/uam/izt/dcbi/revmexingquim/2018v17n2/Enciso |
| 290 | 2018 | Kutralam Muniasamy G, Marsch Moreno R, Pérez Guevara F. Investigation on the Evolutionary Relation of Diverse Polyhydroxyalkanoate Gene Clusters in Betaproteobacteria. Journal Of Molecular Evolution. Volumen: 86 Número: 7 Páginas: 470-483. | https://doi.org/10.1007/s00239-018-9859-3 |
| 291 | 2018 | Guevara Luna J, Alvarez Fitz P, Rios Leal E, Acevedo Quiroz M, Encarnacion Guevara S, Moreno Godinez ME, Castellanos Escamilla M, Toribio Jimenez J, Romero Ramirez Y. Biotransformation of benzo[a]pyrene by the thermophilic bacterium Bacillus licheniformis M2-7. World Journal Of Microbiology & Biotechnology. Volumen: 34 Número: 7 Número de artículo: 88. | https://doi.org/10.1007/s11274-018-2469-9 |
| 292 | 2018 | Hernandez Martinez GR, Ortiz Alvarez D, Perez Roa M, Urbina Suarez NA, Thalasso F. Multiparameter analysis of activated sludge inhibition by nickel, cadmium, and cobalt. Journal Of Hazardous Materials. Volumen: 351 Páginas: 63-70. | https://doi.org/10.1016/j.jhazmat.2018.02.032 |
| 293 | 2018 | Cardenas Guerra RE, Martinez Castillo M, Ortega Lopez J, Shibayama M, Arroyo R. Dataset of cathepsin L-like CP inhibition of Naegleria fowleri and Acanthamoeba castellanii by ppTvCP4r from Trichomonas vaginalis. Data In Brief. Volumen: 18 Páginas: 404-408. | https://doi.org/10.1016/j.dib.2018.03.029 |
| 294 | 2018 | Kutralam Muniasamy G, Pérez Guevara F. Genome characteristics dictate poly-R-(3)-hydroxyalkanoate production in Cupriavidus necator H16. World Journal Of Microbiology & Biotechnology. Volumen: 34 Número: 6 Número de artículo: 79. | https://doi.org/10.1007/s11274-018-2460-5 |
| 295 | 2018 | Ramirez DFG, Rodríguez Vázquez R, Perez PA, Bustillos LGT, Aguilar Lopez R, Montes Horcasitas MC, Esparza Garcia FJ. Crude Enzymatic Extract from Trametes maxima and Paecilomyces carneus Mixed Culture Entrapped on Alginate for Phenanthrene Removal in Water. Environmental Engineering Science. Volumen: 35 Número: 10 Páginas: 1126-1135. | https://doi.org/10.1089/ees.2018.0064 |
| 296 | 2018 | de Leon Lorenzana AS, Delgado Balbuena L, Dominguez Mendoza CA, Navarro Noya YE, Luna Guido M, Dendooven L. Soil Salinity Controls Relative Abundance of Specific Bacteria Groups Involved in the Decomposition of Maize Plant Residues. Frontiers In Ecology And Evolution. Volumen: 6 Número de artículo: 51. | https://doi.org/10.3389/fevo.2018.00051 |
| 297 | 2018 | Hernandez Martinez GR, Zepeda A, Ordaz A, Sanchez Catzin LA, Estrada Diaz ZD, Thalasso F. High-throughput microrespirometric characterization of activated sludge inhibition by silver nanoparticles. Environmental Science-Water Research & Technology. Volumen: 4 Número: 5 Páginas: 721-730. | https://doi.org/10.1039/c7ew00563f |
| 298 | 2018 | Martinez Cardenas A, Chavez Cabrera C, Vasquez Bahena JM, Flores Cotera LB. A common mechanism explains the induction of aerobic fermentation and adaptive antioxidant response in Phaffia rhodozyma. Microbial Cell Factories. Volumen: 17 Número de artículo: 53. | https://doi.org/10.1186/s12934-018-0898-7 |
| 299 | 2018 | Lopez Gutierrez A, Perez Moreno J, Hernandez Santiago F, Uscanga Mortera E, Garcia Esteva A, Cetina Alcala VM, Cardoso Villanueva MD, Xoconostle Cazares BG. Nutrient mobilization, growth and field survival of Pinus gringlei inoculated with three ectomycorrhizal mushrooms. Botanical Sciences. Volumen: 96 Número: 2 Páginas: 286-304. | https://doi.org/10.17129/botsci.1239 |
| 300 | 2018 | Velazquez Sanchez HI, Aguilar Lopez R. Novel kinetic model for the simulation analysis of the butanol productivity of Clostridium acetobutylicum ATCC 824 under different reactor configurations. Chinese Journal Of Chemical Engineering. Volumen: 26 Número: 4 Páginas: 812-821. | https://doi.org/10.1016/j.cjche.2017.07.018 |
| 301 | 2018 | Mantilla Olea MI, Ortega Lopez J, Figueroa Angulo EE, Avila Gonzalez L, Cardenas Guerra RE, Miranda Ozuna JFT, Gonzalez Robles A, Hernandez Garcia MS, Sanchez Ayala L, Arroyo R. Trichomonas vaginalis cathepsin D-like aspartic proteinase (Tv-CatD) is positively regulated by glucose and degrades human hemoglobin. International Journal Of Biochemistry & Cell Biology. Volumen: 97 Páginas: 1-15. | https://doi.org/10.1016/j.biocel.2018.01.015 |
| 302 | 2018 | Salazar Montoya JA, Gonzalez Cuello R, Flores Giron E, Ramos Ramirez EG. Effect of free and microencapsulated Lactococcus lactis on composition and rheological properties of Manchego-type cheeses during ripening. Food Research International. Volumen: 105 Páginas: 59-64. | https://doi.org/10.1016/j.foodres.2017.10.067 |
| 303 | 2018 | Valdes J, Kutralam Muniasamy G, Vergara Porras B, Marsch Moreno R, Pérez Guevara F, Lopez Cuellar MR. Heterologous expression of phaC2 gene and poly-3-hydroxyalkanoate production by recombinant Cupriavidus necator strains using canola oil as carbon source. New Biotechnology. Volumen: 40 Páginas: 200-206. | https://doi.org/10.1016/j.nbt.2017.08.001 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 304 | 2018 | Mata Machuca JL, Aguilar Lopez R. Adaptative synchronization in multi-output fractional-order complex dynamical networks and secure communications. European Physical Journal. Volumen: 133 Número: 1 Número de artículo: 14. | https://doi.org/10.1140/epjp/i2018-11840-4 |
| 305 | 2018 | Gomez Acata S, Vital Jacome M, Perez Sandoval MV, Navarro Noya YE, Thalasso F, Luna Guido M, Conde Barajas E, Dendooven L. Microbial community structure in aerobic and fluffy granules formed in a sequencing batch reactor supplied with 4-chlorophenol at different settling times. Journal Of Hazardous Materials. Volumen: 342 Páginas: 606-616. | https://doi.org/10.1016/j.jhazmat.2017.08.073 |
| 306 | 2018 | Aguilar Lopez R. Chaos Suppression via Euler-Lagrange Control Design for a Class of Chemical Reacting System. Mathematical Problems In Engineering. Número de artículo: 3802801. | https://doi.org/10.1155/2018/3802801 |
| 307 | 2018 | Gonzalez Jimenez FE, Salazar Montoya JA, Calva Calva G, Ramos Ramirez EG. Phytochemical Characterization, In Vitro Antioxidant Activity, and Quantitative Analysis by Micellar Electrokinetic Chromatography of Hawthorn (Crataegus pubescens) Fruit. Journal Of Food Quality. Número de artículo: 2154893. | https://doi.org/10.1155/2018/2154893 |
| 308 | 2018 | Gonzalez Bourguet BJ, Ruiz Valdiviezo VM, Hernandez Guzman M, Delgado Balbuena L, Luna Guido M, Dendooven L. Removal of toluene from two contrasting soils, an agricultural soil and an alkaline soil. Revista Internacional De Contaminacion Ambiental. Volumen: 34 Número: 3 Páginas: 417-425. | https://doi.org/10.20937/RICA.2018.34.03.05 |
| 309 | 2018 | Gonzalez Terreros E, Ruiz Valdiviezo VM, Galvan Velazquez A, Franco Hernandez MO, Luna Guido M, Dendooven L. Heavy Metals in Mine-Tailing Soil Mixtures Cultivated with Ricinus communis L.. Polish Journal Of Environmental Studies. Volumen: 27 Número: 5 Páginas: 2007-2022. | https://doi.org/10.15244/pjoes/78923 |
| 310 | 2018 | Villanueva Lizama LE, Cruz Chan JV, Aguilar Cetina AD, Herrera Sanchez LF, Rodriguez Perez JM, Rosado Vallado ME, Ramirez Sierra MJ, Ortega Lopez J, Jones K, Hotez P, Bottazzi ME, Dumonteil E. Trypanosoma cruzi vaccine candidate antigens Tc24 and TSA-1 recall memory immune response associated with HLA-A and -B supertypes in Chagasic chronic patients from Mexico. Plos Neglected Tropical Diseases. Volumen: 12 Número: 1 Número de artículo: e0006240. | https://doi.org/10.1371/journal.pntd.0006240 |
| 311 | 2018 | Padilla Zamudio A, Lucero Acuna JA, Guerrero German P, Ortega Lopez J, Tejeda Mansir A. Efficient Disruption of Escherichia coli for Plasmid DNA Recovery in a Bead Mill. Applied Sciences-Basel. Volumen: 8 Número: 1 Número de artículo: 30. | https://doi.org/10.3390/app8010030 |
| 312 | 2017 | Hernandez Melchor DJ, Cristiani Urbina E, Ferrera Cerrato R, Esparza Garcia FJ, Canizares Villanueva RO. Outdoor production of a photosyntetic microbial consortium fixing nitrogen in semicontinuous cultivation and cultivation by batces in a flat face aerial bridge photobiorreactor. Revista Internacional de Contaminación Ambiental. Volumen: 33 Páginas: 73-81 ISSN: 0188-4999 | https://doi.org/10.20937/RICA.2017.33.esp01.07 |
| 313 | 2017 | Martinez Cruz K, Leewis MC, Herriott IC, Sepulveda Jauregui A, Anthony KW, Thalasso F, Leigh MB. Anaerobic oxidation of methane by aerobic methanotrophs in sub-Arctic lake sediments. Science Of The Total Environment. Volumen: 607 Páginas: 23-31. | https://doi.org/10.1016/j.scitotenv.2017.06.187 |
| 314 | 2017 | Hernandez Flores G, Poggi Varaldo HM, Romero Castanon T, Solorza Feria O, Rinderknecht Seijas N. Harvesting energy from leachates in microbial fuel cells using an anion exchange membrane. International Journal Of Hydrogen Energy. Volumen: 42 Número: 51 Páginas: 30374-30382. | https://doi.org/10.1016/j.ijhydene.2017.08.201 |
| 315 | 2017 | Hernandez Melchor DJ, Canizares Villanueva RO, Teran Toledo JR, Lopez Perez PA, Cristiani Urbina E. Hydrodynamic and mass transfer characterization of flat-panel airlift photobioreactors for the cultivation of a photosynthetic microbial consortium. Biochemical Engineering Journal. Volumen: 128 Páginas: 141-148. | https://doi.org/10.1016/j.bej.2017.09.014 |
| 316 | 2017 | Vital Jacome M, Dochain D, Thalasso F. Microrespirometric model calibration applied to wastewater processes. Biochemical Engineering Journal. Volumen: 128 Páginas: 168-177. | https://doi.org/10.1016/j.bej.2017.10.002 |
| 317 | 2017 | Sanchez Lizarraga AL, Dendooven L, Marino Marmolejo EN, Davila Vazquez G, Hernandez Cuevas L, Arenas Montano V, Contreras Ramos SM. Presence and diversity of arbuscular mycorrhizal fungi in soil regularly irrigated with vinasses. Journal Of Soil Science And Plant Nutrition. Volumen: 17 Número: 4 Páginas: 1116-1129. | https://doi.org/10.4067/S0718-95162017000400020 |
| 318 | 2017 | Velazquez Sanchez HI, Lara Cisneros G, Femat R, Aguilar Lopez R. Dynamic Nonlinear Feedback Control Applied to Improve Butanol Production by Clostridium acetobutylicum. International Journal Of Chemical Reactor Engineering. Volumen: 15 Número: 6 Número especial: SI Número de artículo: 20170034. | https://doi.org/10.1515/ijcre-2017-0034 |
| 319 | 2017 | Florez Miranda L, Canizares Villanueva RO, Melchy Antonio O, Martinez Jeronimo F, Flores Ortiz CM. Two stage heterotrophy/photoinduction culture of Scenedesmus incrassatulus: potential for lutein production. Journal Of Biotechnology. Volumen: 262 Páginas: 67-74. | https://doi.org/10.1016/j.jbiotec.2017.09.002 |
| 320 | 2017 | Alvarez Zuniga MT, Santiago Hernandez A, Rodriguez Mendoza J, Campos JE, Pavon Orozco P, Trejo Estrada S, Hidalgo Lara ME. Taxonomic identification of the thermotolerant and fast-growing fungus Lichtheimia ramosa H71D and biochemical characterization of the thermophilic xylanase LrXynA. Amb Express. Volumen: 7 Número de artículo: 194. | https://doi.org/10.1186/s13568-017-0494-y |
| 321 | 2017 | Gomez Arellano A, Jimenez Islas H, Castrejon Gonzalez EO, Medina Torres L, Dendooven L, Escamilla Silva EM. Rheological behaviour of sesame (Sesamum indicum L.) protein dispersions. Food And Bioproducts Processing. Volumen: 106 Páginas: 201-208. | https://doi.org/10.1016/j.fbp.2017.09.010 |
| 322 | 2017 | Moreno Medina CU, Poggi Varaldo HM, Breton Deval L, Rinderknecht Seijas N. Effect of sudden addition of PCE and bioreactor coupling to ZVI filters on performance of fluidized bed bioreactors operated in simultaneous electron acceptor modes. Environmental Science And Pollution Research. Volumen: 24 Número: 33 Páginas: 25534-25549. | https://doi.org/10.1007/s11356-016-7275-z |
| 323 | 2017 | Escamilla Alvarado C, Poggi Varaldo HM, Ponce Noyola MT. Bioenergy and bioproducts from municipal organic waste as alternative to landfilling: a comparative life cycle assessment with prospective application to Mexico. Environmental Science And Pollution Research. Volumen: 24 Número: 33 Páginas: 25602-25617. | https://doi.org/10.1007/s11356-016-6939-z |
| 324 | 2017 | Corona L, Dendooven L, Chicken A, Hernandez O, Iturbe R. Removal of Two High Molecular Weight PAHs from Soils with Different Water Content. Bulletin Of Environmental Contamination And Toxicology. Volumen: 99 Número: 5 Páginas: 619-624. | https://doi.org/10.1007/s00128-017-2168-5 |
| 325 | 2017 | Aguilar Lopez R, Camacho BR, Neria Gonzalez MI, Rangel E, Santos O, Perez PAL. State Estimation Based on Nonlinear Observer for Hydrogen Production in a Photocatalytic Anaerobic Bioreactor. International Journal Of Chemical Reactor Engineering. Volumen: 15 Número: 5 Número especial: SI Número de artículo: 20170004. | https://doi.org/10.1515/ijcre-2017-0004 |
| 326 | 2017 | Aguilar Lopez R, Neria Gonzalez MI, Mata Machuca JL. Finite Time Estimation for Switched Nonlinear Systems: Application to Stirred Tank Bioreactor. International Journal Of Chemical Reactor Engineering. Volumen: 15 Número: 5 Número especial: SI Número de artículo: 20170021. | https://doi.org/10.1515/ijcre-2017-0021 |
| 327 | 2017 | Ortiz Cornejo NL, Romero Salas EA, Navarro Noya YE, Gonzalez Zuniga JC, Ramirez Villanueva DA, Vasquez Murrieta MS, Verhulst N, Govaerts B, Dendooven L, Luna Guido M. Incorporation of bean plant residue in soil with different agricultural practices and its effect on the soil bacteria. Applied Soil Ecology. Volumen: 119 Páginas: 417-427. | https://doi.org/10.1016/j.apsoil.2017.07.014 |
| 328 | 2017 | Culebro Ricaldi JM, Ruiz Valdiviezo VM, Rodriguez Mendiola MA, Avila Miranda ME, Gutierrez Miceli FA, Cruz Rodriguez RI, Dendooven L, Montes Molina JA. Antifungal properties of Beauveria bassiana strains against Fusarium oxysporum f. sp lycopersici race 3 in tomato crop. Journal Of Environmental Biology. Volumen: 38 Número: 5 Páginas: 821-827. | https://doi.org/10.22438/jeb/38/5/MRN-412 |
| 329 | 2017 | Gerardo Nieto O, Astorga Espana MS, Mansilla A, Thalasso F. Initial report on methane and carbon dioxide emission dynamics from sub-Antarctic freshwater ecosystems: A seasonal study of a lake and a reservoir. Science Of The Total Environment. Volumen: 593 Páginas: 144-154. | https://doi.org/10.1016/j.scitotenv.2017.02.144 |
| 330 | 2017 | Hernandez Flores G, Solorza Feria O, Poggi Varaldo HM. Bioelectricity generation from wastewater and actual landfill leachates: A multivariate analysis using principal component analysis. International Journal Of Hydrogen Energy. Volumen: 42 Número: 32 Páginas: 20772-20782. | https://doi.org/10.1016/j.ijhydene.2017.01.021 |
| 331 | 2017 | Kutralam Muniasamy G, Pérez Guevara F. Recombinant surface engineering to enhance and expand the potential of biologically produced nanoparticles: A review. Process Biochemistry. Volumen: 59 Páginas: 4-17. | https://doi.org/10.1016/j.procbio.2016.07.002 |
| 332 | 2017 | Flores Sanchez IJ, Ramos Valdivia AC. A review from patents inspired by the genus Cannabis. Phytochemistry Reviews. Volumen: 16 Número: 4 Páginas: 639-675. | https://doi.org/10.1007/s11101-016-9485-x |
| 333 | 2017 | Flores Sanchez IJ, Ramos Valdivia AC. A review from patents inspired by two plant genera: Uncaria and Hamelia. Phytochemistry Reviews. Volumen: 16 Número: 4 Páginas: 693-723. | https://doi.org/10.1007/s11101-017-9498-0 |
| 334 | 2017 | Lucho Constantino GG, Zaragoza Martinez F, Ponce Noyola MT, Cerda Garcia Rojas CM, Trejo Tapia G, Esparza Garcia FJ, Ramos Valdivia AC. Antioxidant responses under jasmonic acid elicitation comprise enhanced production of flavonoids and anthocyanins in Jatropha curcas leaves. Acta Physiologiae Plantarum. Volumen: 39 Número: 8 Número de artículo: 165. | https://doi.org/10.1007/s11738-017-2461-2 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 335 | 2017 | Kutralam Muniasamy G, Corona Hernandez J, Narayanasamy RK, Marsch Moreno R, Pérez Guevara F. Phylogenetic diversification and developmental implications of poly-(R)-3-hydroxyalkanoate gene cluster assembly in prokaryotes. Fems Microbiology Letters. Volumen: 364 Número: 13 Número de artículo: fnx135. | https://doi.org/10.1093/femsle/fnx135 |
| 336 | 2017 | Gutierrez Garcia K, Neira Gonzalez A, Perez Gutierrez RM, Granados Ramirez G, Zarraga R, Wrobel K, Barona Gomez F, Flores Cotera LB. Phylogenomics of 2,4-Diacetylphloroglucinol-Producing Pseudomonas and Novel Antiglycation Endophytes from Piper auritum. Journal Of Natural Products. Volumen: 80 Número: 7 Páginas: 1955-1963. | https://doi.org/10.1021/acs.jnatprod.6b00823 |
| 337 | 2017 | Resendiz Cardiel G, Arroyo R, Ortega Lopez J. Expression of the enzymatically active legumain-like cysteine proteinase TvLEGU-1 of Trichomonas vaginalis in Pichia pastoris. Protein Expression And Purification. Volumen: 134 Páginas: 104-113. | https://doi.org/10.1016/j.pep.2017.04.007 |
| 338 | 2017 | Gonzalez Bautista E, Santana Morales JC, Rios Franquez FJ, Poggi Varaldo HM, Ramos Valdivia AC, Cristiani Urbina E, Ponce Noyola MT. Phenolic compounds inhibit cellulase and xylanase activities of Cellulomonas flavigena PR-22 during saccharification of sugarcane bagasse. Fuel. Volumen: 196 Páginas: 32-35. | https://doi.org/10.1016/j.fuel.2017.01.080 |
| 339 | 2017 | Bartolo Aguilar Y, Dendooven L, Chavez Cabrera C, Flores Cotera LB, Hidalgo Lara ME, Villa Tanaca L, Marsch Moreno R. Autolysis of Pichia pastoris induced by cold. Amb Express. Volumen: 7 Número de artículo: 95. | https://doi.org/10.1186/s13568-017-0397-y |
| 340 | 2017 | Rios Franquez FJ, Gonzalez Bautista E, Ponce Noyola MT, Ramos Valdivia AC, Poggi Varaldo HM, Garcia Mena J, Martinez A. Expression of a codon-optimized beta-glucosidase from Cellulomonas flavigena PR-22 in Saccharomyces cerevisiae for bioethanol production from cellobiose. Archives Of Microbiology. Volumen: 199 Número: 4 Páginas: 605-611. | https://doi.org/10.1007/s00203-016-1333-2 |
| 341 | 2017 | Escamilla Alvarado C, Perez Pimienta JA, Ponce Noyola MT, Poggi Varaldo HM. An overview of the enzyme potential in bioenergy-producing biorefineries. Journal Of Chemical Technology And Biotechnology. Volumen: 92 Número: 5 Páginas: 906-924. | https://doi.org/10.1002/jctb.5088 |
| 342 | 2017 | Romero Cedillo L, Poggi Varaldo HM, Ponce Noyola MT, Rios Leal E, Ramos Valdivia AC, Rojas CMC, Tapia Ramirez J. A review of the potential of pretreated solids to improve gas biofuels production in the context of an OFMSW biorefinery. Journal Of Chemical Technology And Biotechnology. Volumen: 92 Número: 5 Páginas: 937-958. | https://doi.org/10.1002/jctb.5116 |
| 343 | 2017 | Santos VAQ, Vega Estrada J, Montes Horcasitas MC, Garcia Cruz CH. Zymomonas mobilis immobilized on loofa sponge: levan and ethanol production in semi-continuous fermentation. Acta Scientiarum-Technology. Volumen: 39 Número: 2 Páginas: 135-141. | https://doi.org/10.4025/actascitechnol.v39i2.27625 |
| 344 | 2017 | Pampillon Gonzalez L, Luna Guido M, Ruiz Valdiviezo VM, Franco Hernandez O, Fernandez Luqueno F, Paredes Lopez O, Hernandez G, Dendooven L. Greenhouse Gas Emissions and Growth of Wheat Cultivated in Soil Amended with Digestate from Biogas Production. Pedosphere. Volumen: 27 Número: 2 Páginas: 318-327. | https://doi.org/10.1016/S1002-0160(17)60319-9 |
| 345 | 2017 | Gomez Acata S, Esquivel Rios I, Perez Sandoval MV, Navarro Noya Y, Rojas Valdez A, Thalasso F, Luna Guido M, Dendooven L. Bacterial community structure within an activated sludge reactor added with phenolic compounds. Applied Microbiology And Biotechnology. Volumen: 101 Número: 8 Páginas: 3405-3414. | https://doi.org/10.1007/s00253-016-8000-z |
| 346 | 2017 | Contreras Gallegos E, Dominguez Pacheco FA, Hernandez Aguilar C, Salazar Montoya JA, Ramos Ramirez EG, Cruz Orea A. Specific heat of vegetable oils as a function of temperature obtained by adiabatic scanning calorimetry. Journal Of Thermal Analysis And Calorimetry. Volumen: 128 Número: 1 Páginas: 523-531. | https://doi.org/10.1007/s10973-016-5864-1 |
| 347 | 2017 | de Leon Lorenzana AS, Delgado Balbuena L, Domiguez Mendoza C, Navarro Noya YE, Luna Guido M, Dendooven L. Reducing Salinity by Flooding an Extremely Alkaline and Saline Soil Changes the Bacterial Community but Its Effect on the Archaeal Community Is Limited. Frontiers In Microbiology. Volumen: 8 Número de artículo: 466. | https://doi.org/10.3389/fmicb.2017.00466 |
| 348 | 2017 | Perez Pimienta JA, Sathitsuksanoh N, Thompson VS, Tran K, Ponce Noyola MT, Stavila V, Singh S, Simmons BA. Ternary ionic liquid-water pretreatment systems of an agave bagasse and municipal solid waste blend. Biotechnology For Biofuels. Volumen: 10 Número de artículo: 72. | https://doi.org/10.1186/s13068-017-0758-4 |
| 349 | 2017 | Sotelo Navarro PX, Poggi Varaldo HM, Turpin Marion SJ, Vazquez Morillas A, Beltran Villavicencio M, Espinosa Valdemar RM. Biohydrogen production from used diapers: Evaluation of effect of temperature and substrate conditioning. Waste Management & Research. Volumen: 35 Número: 3 Páginas: 267-275. | https://doi.org/10.1177/0734242X16677334 |
| 350 | 2017 | Franco Medrano DI, Guerrero German P, Montesinos Cisneros RM, Ortega Lopez J, Tejeda Mansir A. Plasmid pVAX1-NH36 purification by membrane and bead perfusion chromatography. Bioprocess And Biosystems Engineering. Volumen: 40 Número: 3 Páginas: 463-471. | https://doi.org/10.1007/s00449-016-1714-6 |
| 351 | 2017 | Cano Ramirez C, Santiago Hernandez A, Rivera Orduna FN, Pineda Mendoza RM, Zunga G, Hidalgo Lara ME. One-step zymogram method for the simultaneous detection of cellulase/xylanase activity and molecular weight estimation of the enzyme. Electrophoresis. Volumen: 38 Número: 3-4 Páginas: 447-451. | https://doi.org/10.1002/elps.201600347 |
| 352 | 2017 | Pampillon Gonzalez L, Ortiz Cornejo NL, Luna Guido M, Dendooven L, Navarro Noya YE. Archaeal and Bacterial Community Structure in an Anaerobic Digestion Reactor (Lagoon Type) Used for Biogas Production at a Pig Farm. Journal Of Molecular Microbiology And Biotechnology. Volumen: 27 Número: 5 Páginas: 306-317. | https://doi.org/10.1159/000479108 |
| 353 | 2017 | Dominguez Montero LE, Poggi Varaldo HM, Perez Angon MA, Jimenez Cisneros BE, Canizares Villanueva RO, Caffarel Mendez S, Frixione Garduno E. Technological instruments patented in mexico to treat wastewater. Revista Internacional De Contaminacion Ambiental. Volumen: 33 Número especial: SI Páginas: 43-51. | https://doi.org/10.20937/RICA.2017.33.esp01.04 |
| 354 | 2017 | Moreno Medina CU, Poggi Varaldo HM, Breton Deval L, Rinderknecht Seijas N. Transient performance of two-electron regime bioreactors that contained unacclimated biocatalysts after feeding perchloroethylene. Revista Internacional De Contaminacion Ambiental. Volumen: 33 Número especial: SI Páginas: 83-104. | https://doi.org/10.20937/RICA.2017.33.esp01.08 |
| 355 | 2017 | Vargas JP, Carmona SEV, Moreno EZ, Casado NAR, Calva Calva G. Bioremediation of soils from oil spill impacted sites using bioaugmentation with biosurfactants producing, native, free-living nitrogen fixing bacteria. Revista Internacional De Contaminacion Ambiental. Volumen: 33 Número especial: SI Páginas: 105-114. | https://doi.org/10.20937/RICA.2017.33.esp01.09 |
| 356 | 2017 | Flores Sanchez A, Lopez Cuellar MD, Pérez Guevara F, Lopez UF, Martin Bufajer JM, Vergara Porras B. Synthesis of Poly-(R-hydroxyalkanoates) by Cupriavidus necator ATCC 17699 Using Mexican Avocado (Persea americana) Oil as a Carbon Source. International Journal Of Polymer Science. Número de artículo: 6942950. | https://doi.org/10.1155/2017/6942950 |
| 357 | 2017 | Gonzalez Ramirez DF, Avila Perez P, Torres Bustillos LG, Aguilar Lopez R, Montes Horcasitas MC, Esparza Garcia FJ, Rodríguez Vázquez R. Removal of phenanthrene in aqueous solution containing photon competitors by TiO2-C-Ag film supported on fiberglass. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 52 Número: 8 Páginas: 742-749. | https://doi.org/10.1080/10934529.2017.1303311 |
| 358 | 2017 | Maldonado Rodriguez A, Rojas Montes O, Vazquez Rosales G, Chavez Negrete A, Rojas Uribe M, Posadas Mondragon A, Aguilar Faisal L, Cevallos AM, Xoconostle Cazares BG, Lira R. Serum Dried Samples to Detect Dengue Antibodies: A Field Study. Biomed Research International. Número de artículo: 7215259. | https://doi.org/10.1155/2017/7215259 |
| 359 | 2017 | Acosta Rubi S, Campocosio AT, Montes Horcasitas MC, Quintanar Vera L, Esparza Garcia FJ, Rodríguez Vázquez R. Production of a halotolerant biofilm from green coffee beans immobilized on loofah fiber (Luffa cylindrica) and its effect on phenanthrene degradation in seawater. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 52 Número: 7 Páginas: 632-640. | https://doi.org/10.1080/10934529.2017.1294965 |
| 360 | 2017 | Renteria Chavez MC, Perez Moreno J, Cetina Alcala VM, Ferrera Cerrato R, Xoconostle Cazares BG. Transfer of nutrients and growth of Pinus Greggii Engelm. Inoculated with edible fungi Ectomycorrhizal on two substrates. Revista Argentina De Microbiologia. Volumen: 49 Número: 1 Páginas: 93-104. | https://doi.org/10.1016/j.ram.2016.06.004 |
| 361 | 2017 | Aguilar Lopez R. Input-output linearizing-type controller design with application to continuous bioreactor. Comptes Rendus De L Academie Bulgare Des Sciences. Volumen: 70 Número: 3 Páginas: 419-426. | https://www.researchgate.net/publication/311203451_Input-Output_Linearizing-type_controller_design_with_application_to_continuous_bioreactor |
| 362 | 2017 | Leon Santiesteban HH, Rodríguez Vázquez R. Fungal Degradation of Organochlorine Pesticides. Microbe-Induced Degradation Of Pesticides. Páginas: 131-149. | https://doi.org/10.1007/978-3-319-45156-5_6 |
| 363 | 2017 | Fernandez Luqueno F, Cabrera Lazaro G, Corlay Chee L, Lopez Valdez F, Dendooven L. Dissipation of Phenanthrene and Anthracene from Soil with Increasing Salt Content Amended with Wastewater Sludge. Polish Journal Of Environmental Studies. Volumen: 26 Número: 1 Páginas: 29-38. | https://doi.org/10.15244/pjoes/64929 |
| 364 | 2017 | Martinez Cruz K, Gonzalez Valencia R, Sepulveda Jauregui A, Plascencia Hernandez F, Belmonte Izquierdo Y, Thalasso F. Methane emission from aquatic ecosystems of Mexico City. Aquatic Sciences. Volumen: 79 Número: 1 Páginas: 159-169. | https://doi.org/10.1007/s00027-016-0487-y |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 365 | 2017 | Garcia Huante Y, Cayetano Cruz M, Santiago Hernandez A, Cano Ramirez C, Marsch Moreno R, Campos JE, Aguilar Osorio G, Benitez Cardoza CG, Trejo Estrada S, Hidalgo Lara ME. The thermophilic biomass-degrading fungus Thielavia terrestris Co3Bag1 produces a hyperthermophilic and thermostable beta-1,4-xylanase with exo- and endo-activity. Extremophiles. Volumen: 21 Número: 1 Páginas: 175-186. | https://doi.org/10.1007/s00792-016-0893-z |
| 366 | 2017 | Gutierrez Miceli FA, Garcia Gomez RC, Oliva Llaven MA, Montes Molina JA, Dendooven L. Vermicomposting leachate as liquid fertilizer for the cultivation of sugarcane (Saccharum sp.). Journal Of Plant Nutrition. Volumen: 40 Número: 1 Páginas: 40-49. | https://doi.org/10.1080/01904167.2016.1193610 |
| 367 | 2017 | Barrera Cortes J, Valdez Castro L, Salgado Urias DS, Lina Garcia LP, Solorza Feria O. Reducing the microcapsule diameter by micro-emulsion to improve the insecticidal activity of Bacillus thuringiensis encapsulated formulations. Biocontrol Science And Technology. Volumen: 27 Número: 1 Páginas: 42-57. | https://doi.org/10.1080/09583157.2016.1244258 |
| 368 | 2017 | de la Cruz Barron M, Cruz Mendoza A, Navarro Noya YE, Ruiz Valdiviezo VM, Ortiz Gutierrez D, Ramirez Villanueva DA, Luna Guido M, Thierfelder C, Wall PC, Verhulst N, Govaerts B, Dendooven L. The Bacterial Community Structure and Dynamics of Carbon and Nitrogen when Maize (Zea mays L.) and Its Neutral Detergent Fibre Were Added to Soil from Zimbabwe with Contrasting Management Practices. Microbial Ecology. Volumen: 73 Número: 1 Páginas: 135-152. | https://doi.org/10.1007/s00248-016-0807-8 |
| 369 | 2016 | Hernandez Flores G, Poggi Varaldo HM, Solorza Feria O. Comparison of alternative membranes to replace high cost Nafion ones in microbial fuel cells. International Journal Of Hydrogen Energy. Volumen: 41 Número: 48 Páginas: 23354-23362. | https://doi.org/10.1016/j.ijhydene.2016.08.206 |
| 370 | 2016 | Lopez Perez PA, Puebla H, Sanchez HIV, Aguilar Lopez R. Comparison Tools for Parametric Identification of Kinetic Model for Ethanol Production using Evolutionary Optimization Approach. International Journal Of Chemical Reactor Engineering. Volumen: 14 Número: 6 Número especial: SI Páginas: 1201-1209. | https://doi.org/10.1515/ijcre-2016-0045 |
| 371 | 2016 | Velazquez Sanchez HI, Puebla Nunez HF, Aguilar Lopez R. Novel Feedback Control to Improve Biohydrogen Production by Desulfovibrio alaskensis. International Journal Of Chemical Reactor Engineering. Volumen: 14 Número: 6 Número especial: SI Páginas: 1255-1264. | https://doi.org/10.1515/ijcre-2016-0044 |
| 372 | 2016 | Hernandez Zamora M, Martinez Jeronimo F, Cristiani Urbina E, Canizares Villanueva RO. Congo red dye affects survival and reproduction in the cladoceran Ceriodaphnia dubia. Effects of direct and dietary exposure. Ecotoxicology. Volumen: 25 Número: 10 Páginas: 1832-1840. | https://doi.org/10.1007/s10646-016-1731-x |
| 373 | 2016 | Lara Cisneros G, Aguilar Lopez R, Dochain D, Femat R. On-line estimation of VFA concentration in anaerobic digestion via methane outflow rate measurements. Computers & Chemical Engineering. Volumen: 94 Páginas: 250-256. | https://doi.org/10.1016/j.compchemeng.2016.07.005 |
| 374 | 2016 | Breton Deval L, Rios Leal E, Poggi Varaldo HM, Ponce Noyola MT. Biodegradability of Nonionic Surfactant Used in the Remediation of Groundwaters Polluted with PCE. Water Environment Research. Volumen: 88 Número: 11 Páginas: 2159-2168. | https://doi.org/10.2175/106143016X14733681695564 |
| 375 | 2016 | Galvan Gordillo SV, Martinez Navarro AC, Xoconostle Cazares BG, Ruiz Medrano R. Bioinformatic analysis of Arabidopsis reverse transcriptases with a zinc-finger domain. Biologia. Volumen: 71 Número: 11 Páginas: 1223-1229. | https://doi.org/10.1515/biolog-2016-0145 |
| 376 | 2016 | Breton Deval L, Rossetti S, Rios Leal E, Matturro B, Poggi Varaldo HM. Effect of Coupling Zero-Valent Iron Side Filters on the Performance of Bioreactors Fed with a High Concentration of Perchloroethylene. Journal Of Environmental Engineering. Volumen: 142 Número: 11 Número de artículo: 04016051. | https://doi.org/10.1061/(ASCE)EE.1943-7870.0001093 |
| 377 | 2016 | Delgado Balbuena L, Bello Lopez JM, Navarro Noya YE, Rodriguez Valentin A, Luna Guido ML, Dendooven L. Changes in the Bacterial Community Structure of Remediated Anthracene-Contaminated Soils. Plos One. Volumen: 11 Número: 10 Número de artículo: e0160991. | https://doi.org/10.1371/journal.pone.0160991 |
| 378 | 2016 | Zaragoza Martinez F, Lucho Constantino GG, Ponce Noyola MT, Esparza Garcia FJ, Poggi Varaldo HM, Cerda Garcia Rojas CM, Trejo Tapia G, Ramos Valdivia AC. Jasmonic acid stimulates the oxidative responses and triterpene production in Jatropha curcas cell suspension cultures through mevalonate as biosynthetic precursor. Plant Cell Tissue And Organ Culture. Volumen: 127 Número: 1 Páginas: 47-56. | https://doi.org/10.1007/s11240-016-1028-z |
| 379 | 2016 | Miranda Ozuna JFT, Hernandez Garcia MS, Brieba LG, Benitez Cardoza CG, Ortega Lopez J, Gonzalez Robles A, Arroyo R. The Glycolytic Enzyme Triosephosphate Isomerase of Trichomonas vaginalis Is a Surface-Associated Protein Induced by Glucose That Functions as a Laminin- and Fibronectin-Binding Protein. Infection And Immunity. Volumen: 84 Número: 10 Páginas: 2878-2894. | https://doi.org/10.1128/IAI.00538-16 |
| 380 | 2016 | Perales Vela HV, Garcia RV, Gomez Juarez EA, Salcedo Alvarez MO, Canizares Villanueva RO. Streptomycin affects the growth and photochemical activity of the alga Chlorella vulgaris. Ecotoxicology And Environmental Safety. Volumen: 132 Páginas: 311-317. | https://doi.org/10.1016/j.ecoenv.2016.06.019 |
| 381 | 2016 | Sarria Guzman Y, Chavez Romero Y, Gomez Acata S, Montes Molina JA, Morales Salazar E, Dendooven L, Navarro Noya YE. Bacterial Communities Associated with Different Anthurium andraeanum L. Plant Tissues. Microbes And Environments. Volumen: 31 Número: 3 Páginas: 321-328. | https://doi.org/10.1264/jsme2.ME16099 |
| 382 | 2016 | Islas Lugo F, Vega Estrada J, Alvis CA, Ortega Lopez J, Montes Horcasitas MC. Developing strategies to increase plasmid DNA production in Escherichia coli DH5 alpha using batch culture. Journal Of Biotechnology. Volumen: 233 Páginas: 66-73. | https://doi.org/10.1016/j.jbiotec.2016.06.025 |
| 383 | 2016 | Santiago FH, Moreno JP, Xoconostle Cazares BG, Suarez JJA, Trejo EO, de Oca GMM, Aguilar ID. Traditional knowledge and use of wild mushrooms by Mixtecs or Nuu savi, the people of the rain, from Southeastern Mexico. Journal Of Ethnobiology And Ethnomedicine. Volumen: 12 Número de artículo: 35. | https://doi.org/10.1186/s13002-016-0108-9 |
| 384 | 2016 | Gonzalez Valencia R, Magana Rodriguez F, Cristobal J, Thalasso F. Hotspot detection and spatial distribution of methane emissions from landfills by a surface probe method. Waste Management. Volumen: 55 Número especial: SI Páginas: 299-305. | https://doi.org/10.1016/j.wasman.2016.03.004 |
| 385 | 2016 | Ramos Garza J, Rodriguez Tovar AV, Flores Cotera LB, Rivera Orduna FN, Vasquez Murrieta MS, Ponce Mendoza A, Wang ET. Diversity of fungal endophytes from the medicinal plant Dendropanax arboreus in a protected area of Mexico. Annals Of Microbiology. Volumen: 66 Número: 3 Páginas: 991-1002. | https://doi.org/10.1007/s13213-015-1184-0 |
| 386 | 2016 | Cardenas Guerra RE, Ortega Lopez J, Arroyo R. Aggregation kinetic dataset to determine the stability of the purified and refolded recombinant ppTvCP4 protein of Trichomonas vaginalis. Data In Brief. Volumen: 8 Páginas: 320-323. | https://doi.org/10.1016/j.dib.2016.05.066 |
| 387 | 2016 | Duplat Bermudez L, Ruiz Medrano R, Landsman D, Marino Ramirez L, Xoconostle Cazares BG. Dataset of Arabidopsis plants that overexpress FT driven by a meristem-specific KNAT1 promoter. Data In Brief. Volumen: 8 Páginas: 520-528. | https://doi.org/10.1016/j.dib.2016.06.002 |
| 388 | 2016 | Cano Ramirez C, Santiago Hernandez A, Rivera Orduna FN, Garcia Huante Y, Zuniga G, Hidalgo Lara ME. Expression, purification and characterization of an endoglucanase from Serratia proteamaculans CDBB-1961, isolated from the gut of Dendroctonus adjunctus (Coleoptera: Scolytinae). Amb Express. Volumen: 6 Número de artículo: 63. | https://doi.org/10.1186/s13568-016-0233-9 |
| 389 | 2016 | Flores Giron E, Salazar Montoya JA, Ramos Ramirez EG. Application of a Box-Behnken design for optimizing the extraction process of agave fructans (Agave tequilana Weber var. Azul). Journal Of The Science Of Food And Agriculture. Volumen: 96 Número: 11 Páginas: 3860-3866. | https://doi.org/10.1002/jsfa.7582 |
| 390 | 2016 | Cayetano Cruz M, de los Santos AIP, Garcia Huante Y, Santiago Hernandez A, Pavon Orozco P, Lopez VELY, Hidalgo Lara ME. High level expression of a recombinant xylanase by Pichia pastoris cultured in a bioreactor with methanol as the sole carbon source: Purification and biochemical characterization of the enzyme. Biochemical Engineering Journal. Volumen: 112 Páginas: 161-169. | https://doi.org/10.1016/j.bej.2016.04.014 |
| 391 | 2016 | Duplat Bermudez L, Ruiz Medrano R, Landsman D, Marino Ramirez L, Xoconostle Cazares BG. Transcriptomic analysis of Arabidopsis overexpressing flowering locus T driven by a meristem-specific promoter that induces early flowering. Gene. Volumen: 587 Número: 2 Páginas: 120-131. | https://doi.org/10.1016/j.gene.2016.04.060 |
| 392 | 2016 | Vital Jacome M, Buitron G, Moreno Andrade I, Garcia Rea V, Thalasso F. Microrespirometric determination of the effectiveness factor and biodegradation kinetics of aerobic granules degrading 4-chlorophenol as the sole carbon source. Journal Of Hazardous Materials. Volumen: 313 Páginas: 112-121. | https://doi.org/10.1016/j.jhazmat.2016.02.077 |
| 393 | 2016 | Palma Cruz FD, Perez Vargas J, Casado NAR, Guzman OG, Calva Calva G. Phytoremediation potential and ecological and phenological changes of native pioneer plants from weathered oil spill-impacted sites at tropical wetlands. Environmental Science And Pollution Research. Volumen: 23 Número: 16 Páginas: 16359-16371. | https://doi.org/10.1007/s11356-016-6675-4 |
| 394 | 2016 | Perez Pimienta JA, Poggi Varaldo HM, Ponce Noyola MT, Ramos Valdivia AC, Chavez Carvayar JA, Stavila V, Simmons BA. Fractional pretreatment of raw and calcium oxalate-extracted agave bagasse using ionic liquid and alkaline hydrogen peroxide. Biomass & Bioenergy. Volumen: 91 Páginas: 48-55. | https://doi.org/10.1016/j.biombioe.2016.05.001 |
| 395 | 2016 | Soto Padilla MY, Gortares Moroyoqui P, Cira Chavez LA, Levasseur A, Dendooven L, Estrada Alvarado MI. Characterization of extracellular amylase produced by haloalkalophilic strain Kocuria sp HJ014. International Journal Of Environmental Health Research. Volumen: 26 Número: 4 Páginas: 396-404. | https://doi.org/10.1080/09603123.2015.1135310 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 396 | 2016 | Vergara Porras B, Gracida Rodriguez JN, Pérez Guevara F. Thermal processing influence on mechanical, thermal, and biodegradation behavior in poly(beta-hydroxybutyrate)/poly(epsilon-caprolactone) blends: A descriptive model. Journal Of Applied Polymer Science. Volumen: 133 Número: 27 Número de artículo: 43569. | https://doi.org/10.1002/app.43569 |
| 397 | 2016 | Moran Salazar RG, Sanchez Lizarraga AL, Rodriguez Campos J, Davila Vazquez G, Marino-Marmolejo EN, Dendooven L, Contreras Ramos SM. Utilization of vinasses as soil amendment: consequences and perspectives. Springerplus. Volumen: 5 Número de artículo: 1007. | https://doi.org/10.1186/s40064-016-2410-3 |
| 398 | 2016 | Noriega Medrano LJ, VegaEstrada J, Ortega Lopez J, Ruiz Medrano R, Cristiani Urbina E, Montes Horcasitas MC. Alternative non-chromatographic method for alcohols determination in Clostridium acetobutylicum fermentations. Journal Of Microbiological Methods. Volumen: 126 Páginas: 48-53. | https://doi.org/10.1016/j.mimet.2016.05.001 |
| 399 | 2016 | Pena Caballero V, Aguilar Lopez R, Lopez Perez PA, Neria Gonzalez MI. Reduction of Cr(VI) utilizing biogenic sulfide: an experimental and mathematical modeling approach. Desalination And Water Treatment. Volumen: 57 Número: 28 Páginas: 13056-13065. | https://doi.org/10.1080/19443994.2015.1055811 |
| 400 | 2016 | Perez PAL, Gonzalez MIN, Garcia MRP, Aguilar Lopez R. Concentrations monitoring via software sensor for bioreactors under model parametric uncertainty: Application to cadmium removal in an anaerobic process. Alexandria Engineering Journal. Volumen: 55 Número: 2 Páginas: 1893-1902. | https://doi.org/10.1016/j.aej.2016.03.013 |
| 401 | 2016 | Chavez Romero Y, Navarro Noya YE, Reynoso Martinez SC, Sarria Guzman Y, Govaerts B, Verhulst N, Dendooven L, Luna Guido M. 16S metagenomics reveals changes in the soil bacterial community driven by soil organic C, N-fertilizer and tillage -crop residue management. Soil & Tillage Research. Volumen: 159 Páginas: 1-8. | https://doi.org/10.1016/j.still.2016.01.007 |
| 402 | 2016 | Chan Cupul W, Heredia Abarca G, Rodríguez Vázquez R. Atrazine degradation by fungal co-culture enzyme extracts under different soil conditions. Journal Of Environmental Science And Health Part B-Pesticides Food Contaminants And Agricultural Wastes. Volumen: 51 Número: 5 Páginas: 298-308. | https://doi.org/10.1080/03601234.2015.1128742 |
| 403 | 2016 | Gomez Acata ES, Valencia Becerril I, Valenzuela Encinas C, Velasquez Rodriguez AS, Navarro Noya YE, Montoya Ciriaco N, Suarez Arriaga MC, Rojas Valdez A, Reyes Reyes BG, Luna Guido M, Dendooven L. Deforestation and cultivation with maize (zea mays l.) has a profound effect on the bacterial community structure in soil. Land Degradation & Development. Volumen: 27 Número: 4 Páginas: 1122-1130. | https://doi.org/10.1002/ldr.2328 |
| 404 | 2016 | Fernandez Luqueno F, Lopez Valdez F, Dendooven L, Luna Suarez S, Ceballos Ramirez JM. Why wastewater sludge stimulates and accelerates removal of PAHs in polluted soils?. Applied Soil Ecology. Volumen: 101 Páginas: 1-4. | https://doi.org/10.1016/j.apsoil.2016.01.013 |
| 405 | 2016 | Navarro Noya YE, Luna Guido M, Dendooven L. Cultivable Nitrogen Fixing Bacteria from Extremely Alkaline-Saline Soils. Advances In Microbiology. Volumen: 6 Número: 6 Páginas: 412-423. | https://doi.org/10.4236/aim.2016.66041 |
| 406 | 2016 | Quintas Granados LI, Gamez BIC, Villalpando JL, Ortega Lopez J, Arroyo R, Azuara Liceaga E, Alvarez Sanchez ME. Bifunctional activity of deoxyhypusine synthase/hydroxylase from Trichomonas vaginalis. Biochimie. Volumen: 123 Páginas: 37-51. | https://doi.org/10.1016/j.biochi.2015.09.027 |
| 407 | 2016 | Jimenez Bueno NG, Valenzuela Encinas C, Marsch Moreno R, Ortiz Gutierrez D, Verhulst N, Govaerts B, Dendooven L, Navarro Noya YE. Bacterial indicator taxa in soils under different long-term agricultural management. Journal Of Applied Microbiology. Volumen: 120 Número: 4 Páginas: 921-933. | https://doi.org/10.1111/jam.13072 |
| 408 | 2016 | Flores Sanchez IJ, Paniagua Vega D, Vera Reyes I, Cerda Garcia Rojas CM, Ramos Valdivia AC. Alkaloid biosynthesis and metabolic profiling responses to jasmonic acid elicitation in Hamelia patens plants by NMR-based metabolomics. Metabolomics. Volumen: 12 Número: 4 Número de artículo: UNSP 66. | https://doi.org/10.1007/s11306-016-0999-4 |
| 409 | 2016 | Aguilar Lopez R, Lopez Perez PA, Lara Cisneros G, Femat R. Controlling a class of chaotic quantum system under disturbances and noisy measurements: Application to 1D Bose-Einstein condensate. International Journal Of Modern Physics C. Volumen: 27 Número: 4 Número de artículo: 1650040. | https://doi.org/10.1142/S0129183116500406 |
| 410 | 2016 | Hernandez Garcia S, Salazar Montoya JA, Totosaus A. Emulsifying Properties of Food Proteins Conjugated with Glucose or Lactose by Two Methods (Spray-Drying Or Freeze-Drying). International Journal Of Food Properties. Volumen: 19 Número: 3 Páginas: 526-536. | https://doi.org/10.1080/10942912.2015.1033551 |
| 411 | 2016 | Rojas Rejon OA, Poggi Varaldo HM, Ramos Valdivia AC, Ponce Noyola MT, Cristiani Urbina E, Martinez A, de la Torre Martinez M. Enzymatic saccharification of sugar cane bagasse by continuous xylanase and cellulase production from cellulomonas flavigena PR-22. Biotechnology Progress. Volumen: 32 Número: 2 Páginas: 321-326. | https://doi.org/10.1002/btpr.2213 |
| 412 | 2016 | Aguilar Lopez R, Neria Gonzalez I. Controlling continuous bioreactor via nonlinear feedback: modelling and simulations approach. Bulletin Of The Polish Academy Of Sciences-Technical Sciences. Volumen: 64 Número: 1 Páginas: 235-241. | https://doi.org/10.1515/bpasts-2016-0025 |
| 413 | 2016 | Zuniga Silva JR, Chan Cupul W, Kuschk P, Loera O, Aguilar Lopez R, Rodríguez Vázquez R. Effect of Cd+2 on phosphate solubilizing abilities and hydrogen peroxide production of soil-borne micromycetes isolated from Phragmites australis-rhizosphere. Ecotoxicology. Volumen: 25 Número: 2 Páginas: 367-379. | https://doi.org/10.1007/s10646-015-1595-5 |
| 414 | 2016 | Lopez Perez PA, Neria Gonzalez MI, Aguilar Lopez R. Improvement of Activated Sludge Process Using a Nonlinear PI Controller Design via Adaptive Gain. International Journal Of Chemical Reactor Engineering. Volumen: 14 Número: 1 Páginas: 407-416. | https://doi.org/10.1515/ijcre-2014-0129 |
| 415 | 2016 | de los Santos AIP, Cayetano Cruz M, Gutierrez Anton M, Santiago Hernandez A, Plascencia Espinosa M, Farres A, Hidalgo Lara ME. Improvement of catalytical properties of two invertases highly tolerant to sucrose after expression in Pichia pastoris. Effect of glycosylation on enzyme properties. Enzyme And Microbial Technology. Volumen: 83 Páginas: 48-56. | https://doi.org/10.1016/j.enzmictec.2015.11.008 |
| 416 | 2016 | Perez Legaspi IA, Ortega Clemente LA, Moha Leon JD, Rios Leal E, Gutierrez SCR, Rubio Franchini I. Effect of the pesticide lindane on the biomass of the microalgae Nannochloris oculata. Journal Of Environmental Science And Health Part B-Pesticides Food Contaminants And Agricultural. Volumen: 51 Número: 2 Páginas: 103-106. | https://doi.org/10.1080/03601234.2015.1092824 |
| 417 | 2016 | Cupul WC, Rodirguez Vazquez R. Mycoremediation of Atrazine in a Contaminated Clay-Loam Soil and its Adsorption-Desorption Kinetic Parameters. Soil Contamination - Current Consequences And Further Solutions. Páginas: 193-207. | https://doi.org/10.5772/64743 |
| 418 | 2016 | Velazquez Sanchez HI, Saldivar Garcia A, Aguilar Lopez R. Biofuel Production Technology and Engineering. Recycling Of Solid Waste For Biofuels And Bio-Chemicals. Páginas: 275-299. | https://doi.org/10.1007/978-981-10-0150-5_10 |
| 419 | 2016 | Melchor DJH, Jimenez JC, Hidalgo Lara ME, Dendooven L, Marsch Moreno R, Canizares Villanueva RO. Phylogenetic and morphological identification of a photosynthetic microbial consortium of potential biotechnological interest. Hidrobiologica. Volumen: 26 Número: 2 Páginas: 311-321. | https://doi.org/10.24275/uam/izt/dcbs/hidro/2016v26n2/Canizares |
| 420 | 2016 | Zacarias Toledo R, Gonzalez Mendoza D, Mendiola MAR, Villalobos Maldonado JJ, Gutierrez Oliva VF, Dendooven L, Abud Archila M, Arias Castro C, Gutierrez Micelia FA. Plant Growth and Sugars Content of Agave americana L. Cultivated with Vermicompost and Rock Phosphate and Inoculated with Penicillium sp and Glomus fasciculatum. Compost Science & Utilization. Volumen: 24 Número: 4 Páginas: 259-265. | https://doi.org/10.1080/1065657X.2016.1155512 |
| 421 | 2016 | Cupul WC, Abarca GPH, Rodríguez Vázquez R. Isolation and evaluation of the ligninolytic enzyme activity of macromycetes of the state of veracruz, Mexico. Revista Internacional De Contaminacion Ambiental. Volumen: 32 Número: 3 Páginas: 339-351. | https://doi.org/10.20937/RICA.2016.32.03.08 |
| 422 | 2016 | Fernandez Luqueno F, Mendoza Cristino R, Dendooven L. Do Application Rates of Wastewater Sewage Sludge Affect the Removal of PAHs from Alkaline Saline Soil?. Polish Journal Of Environmental Studies. Volumen: 25 Número: 6 Páginas: 2367-2372. | https://doi.org/10.15244/pjoes/63852 |
| 423 | 2016 | Sanchez Viveros G, Ruvalcaba Sil JL, Ferrera Cerrato R, Alarcon A, Xoconostle Cazares BG. Changes in elemental content in fronds of Azolla filiculoides due to arsenic accumulation. Plant Biosystems. Volumen: 150 Número: 6 Páginas: 1332-1340. | https://doi.org/10.1080/11263504.2015.1057257 |
| 424 | 2016 | Toscano Morales R, Xoconostle Cazares BG, Martinez Navarro AC, Ruiz Medrano R. AtTCTP2 mRNA and protein movement correlates with formation of adventitious roots in tobacco. Plant Signaling & Behavior. Volumen: 11 Número: 3 Número de artículo: UNSP e1071003. | https://doi.org/10.1080/15592324.2015.1071003 |
| 425 | 2016 | Salvador Figueroa M, Ruiz Valdiviezo VM, Rogel Hernandez MA, Gutierrez Miceli FA, Rincon Molina CI, Dendooven L, Rincon Rosales R. Rhizobium strain, a banana (Musa spp.)-associated bacterium with a high potential as biofertilizer. Journal Of Plant Nutrition. Volumen: 39 Número: 10 Páginas: 1449-1459. | https://doi.org/10.1080/01904167.2016.1143497 |
| 426 | 2016 | Neria Gonzalez MI, Lopez Perez PA, Aguilar Lopez R. Partial Control of a Continuous Bioreactor: Application to an Anaerobic System for Heavy Metal Removal. Journal Of Engineering. Volumen: 2016 Número: 4358282. | https://doi.org/10.1155/2016/4358282 |
| 427 | 2016 | Zuniga Silva JR, Chan Cupul W, Loera O, Aguilar Lopez R, Xoconostle Cazares BG, Rodríguez Vázquez R. In vitro toxic effects of heavy metals on fungal growth and phosphate-solubilising abilities of isolates obtained from Phragmites australis rhizosphere. Chemistry And Ecology. Volumen: 32 Número: 1 Páginas: 49-67. | https://doi.org/10.1080/02757540.2015.1111876 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 428 | 2016 | Aguilar Lopez R, Gomez Acata RV, Lara-Cisneros G, Femat R. Nonlinear and Robust Control Strategy Based on Chemotherapy to Minimize the HIV Concentration in Blood Plasma. Journal Of Control Science And Engineering. Número de artículo: UNSP 6284574. | https://doi.org/10.1155/2016/6284574 |
| 429 | 2016 | Gomez Acata RV, Neria Gonzalez MI, Aguilar Lopez R. Robust software sensor design for the state estimation in a sulfate-reducing bioreactor. Theoretical Foundations Of Chemical Engineering. Volumen: 50 Número: 1 Páginas: 67-75. | https://doi.org/10.1134/S0040579516010036 |
| 430 | 2016 | Garcia Canedo JC, Cristiani Urbina E, Flores Ortiz CM, Ponce Noyola MT, Esparza Garcia FJ, Canizares Villanueva RO. Batch and fed-batch culture of Scenedesmus incrassatulus: Effect over biomass, carotenoid profile and concentration, photosynthetic efficiency and non-photochemical quenching. Algal Research-Biomass Biofuels And Bioproducts. Volumen: 13 Páginas: 41-52. | https://doi.org/10.1016/j.algal.2015.11.013 |
| 431 | 2016 | Rodríguez Vázquez R, Sanchez S, Mena Espino X, Amezcua Allieri MA. Identification of the medicinal plant species with the potential for remediation of hydrocarbons contaminated soils. Acta Physiologiae Plantarum. Volumen: 38 Número: 1 Número de artículo: 23. | https://doi.org/10.1007/s11738-015-2036-z |
| 432 | 2015 | Escamilla Alvarado C, Poggi Varaldo HM, Ponce Noyola MT, Rios Leal E, Robles Gonzalez I, Rinderknecht Seijas N. Saccharification of fermented residues as integral part in a conceptual hydrogen-producing biorefinery. International Journal Of Hydrogen Energy. Volumen: 40 Número: 48 Número especial: SI Páginas: 17200-17211. | https://doi.org/10.1016/j.ijhydene.2015.06.164 |
| 433 | 2015 | Perez PAL, Neria Gonzalez MI, Aguilar Lopez R. Increasing the bio-hydrogen production in a continuous bioreactor via nonlinear feedback controller. International Journal Of Hydrogen Energy. Volumen: 40 Número: 48 Número especial: SI Páginas: 17224-17230. | https://doi.org/10.1016/j.ijhydene.2015.09.106 |
| 434 | 2015 | Hernandez Flores G, Poggi Varaldo HM, Solorza Feria O, Romero Castanon T, Rios Leal E, Galindez Mayer J, Esparza Garcia FJ. Batch operation of a microbial fuel cell equipped with alternative proton exchange membrane. International Journal Of Hydrogen Energy. Volumen: 40 Número: 48 Número especial: SI Páginas: 17323-17331. | https://doi.org/10.1016/j.ijhydene.2015.06.057 |
| 435 | 2015 | Hernandez Flores G, Poggi Varaldo HM, Solorza Feria O, Ponce Noyola MT, Romero Castanon T, Rinderknecht Seijas N, Galindez Mayer J. Characteristics of a single chamber microbial fuel cell equipped with a low cost membrane. International Journal Of Hydrogen Energy. Volumen: 40 Número: 48 Número especial: SI Páginas: 17380-17387. | https://doi.org/10.1016/j.ijhydene.2015.10.024 |
| 436 | 2015 | Vazquez Larios AL, Poggi Varaldo HM, Solorza Feria O, Rinderknecht Seijas N. Effect of type of inoculum on microbial fuel cell performance that used RuxMoySez as cathodic catalyst. International Journal Of Hydrogen Energy. Volumen: 40 Número: 48 Número especial: SI Páginas: 17402-17412. | https://doi.org/10.1016/j.ijhydene.2015.09.143 |
| 437 | 2015 | Hernandez Flores G, Poggi Varaldo HM, Solorza Feria O, Ponce Noyola MT, Romero Castanon T, Rinderknecht Seijas N. Tafel equation based model for the performance of a microbial fuel cell. International Journal Of Hydrogen Energy. Volumen: 40 Número: 48 Número especial: SI Páginas: 17421-17432. | https://doi.org/10.1016/j.ijhydene.2015.06.119 |
| 438 | 2015 | Bejarano Ortiz DI, Huerta Ochoa S, Thalasso F, Cuervo Lopez FD, Texier AC. Kinetic Constants for Biological Ammonium and Nitrite Oxidation Processes Under Sulfide Inhibition. Applied Biochemistry And Biotechnology. Volumen: 177 Número: 8 Páginas: 1665-1675. | https://doi.org/10.1007/s12010-015-1844-3 |
| 439 | 2015 | Sanchez Rojo S, Cerda Garcia Rojas CM, Esparza Garcia FJ, Plasencia J, Poggi Varaldo HM, Ponce Noyola MT, Ramos Valdivia AC. Long-term response on growth, antioxidant enzymes, and secondary metabolites in salicylic acid pre-treated Uncaria tomentosa microplants. Biotechnology Letters. Volumen: 37 Número: 12 Páginas: 2489-2496. | https://doi.org/10.1007/s10529-015-1931-0 |
| 440 | 2015 | Castelblanco Matiz LM, Barbachano Torres A, Ponce Noyola MT, Ramos Valdivia AC, Garcia Rojas CMC, Flores Ortiz CM, Barahona Crisostomo SK, Baeza Cancino ME, Alcaino Gorman J, Cifuentes Guzman VH. Carotenoid production and gene expression in an astaxanthin-overproducing Xanthophyllomyces dendrorhous mutant strain. Archives Of Microbiology. Volumen: 197 Número: 10 Páginas: 1129-1139. | https://doi.org/10.1007/s00203-015-1153-9 |
| 441 | 2015 | Lara Gonzalez S, Estrella P, Portillo C, Cruces ME, Jimenez Sandoval P, Fattori J, Migliorini Figueira AC, Lopez Hidalgo M, Diaz Quezada C, Lopez Castillo M, Trasvina Arenas CH, Sanchez Sandoval E, Gomez Puyou A, Ortega Lopez J, Arroyo R, Benitez Cardoza CG, Brieba LG. Substrate-Induced Dimerization of Engineered Monomeric Variants of Triosephosphate Isomerase from Trichomonas vaginalis. Plos One. Volumen: 10 Número: 11 Número de artículo: e0141747. | https://doi.org/10.1371/journal.pone.0141747 |
| 442 | 2015 | Garcia Diaz C, Nebbioso A, Piccolo A, Barrera Cortes J, Martinez Palou R. Remediation of Hydrocarbon-Contaminated Soil by Washing with Novel Chemically Modified Humic Substances. Journal Of Environmental Quality. Volumen: 44 Número: 6 Páginas: 1764-1771. | https://doi.org/10.2134/jeq2014.09.0399 |
| 443 | 2015 | Ramirez DEV, Florencio Martinez LE, Romero Meza G, Rojas Sanchez S, Moreno Campos R, Arroyo R, Ortega Lopez J, Manning Cela R, Martinez Calvillo S. BRF1, a subunit of RNA polymerase III transcription factor TFIIIB, is essential for cell growth of Trypanosoma brucei. Parasitology. Volumen: 142 Número: 13 Páginas: 1563-1573. | https://doi.org/10.1017/S0031182015001122 |
| 444 | 2015 | Casado NAR, Montes Horcasitas MC, Rodríguez Vázquez R, Esparza Garcia FJ, Vargas JP, Castolo AA, Ferrera Cerrato R, Guzman OG, Calva Calva G. The Fatty Acid Profile Analysis of Cyperus laxus Used for Phytoremediation of Soils from Aged Oil Spill-Impacted Sites Revealed That This Is a C18:3 Plant Species. Plos One. Volumen: 10 Número: 10 Número de artículo: e0140103. | https://doi.org/10.1371/journal.pone.0140103 |
| 445 | 2015 | Kamaraj SK, Romano SM, Moreno VC, Poggi Varaldo HM, Solorza Feria O. Use of Novel Reinforced Cation Exchange Membranes for Microbial Fuel Cells. Electrochimica Acta. Volumen: 176 Páginas: 555-566. | https://doi.org/10.1016/j.electacta.2015.07.042 |
| 446 | 2015 | Rojas Ruiz NE, Sansinenea Royano E, Cedillo Ramirez, ML, Marsch Moreno R, Sanchez Alonso P, Vazquez Cruz C. Analysis of Bacillus thuringiensis Population Dynamics and Its Interaction With Pseudomonas fluorescens in Soil. Jundishapur Journal Of Microbiology. Volumen: 8 Número: 9 Número de artículo: e27953. | https://doi.org/10.5812/jjm.27953 |
| 447 | 2015 | Chavez Cabrera C, Marsch Moreno R, Bartolo Aguilar Y, Flores Bustamante ZR, Hidalgo Lara ME, Martinez Cardenas A, Cancino Diaz JC, Sanchez S, Flores Cotera LB. Molecular cloning and characterization of the ATP citrate lyase from carotenogenic yeast Phaffia rhodozyma. Fems Yeast Research. Volumen: 15 Número: 6 Número de artículo: fov054. | https://doi.org/10.1093/femsyr/fov054 |
| 448 | 2015 | Martinez Campos V, Martinez Vega P, Ramirez Sierra MJ, Rosado Vallado M, Seid CA, Hudspeth EM, Wei JF, Liu ZY, Kwityn C, Hammond M, Ortega Lopez J, Zhan B, Hotez PJ, Bottazzi ME, Dumonteil E. Expression, purification, immunogenicity, and protective efficacy of a recombinant Tc24 antigen as a vaccine against Trypanosoma cruzi infection in mice. Vaccine. Volumen: 33 Número: 36 Páginas: 4505-4512. | https://doi.org/10.1016/j.vaccine.2015.07.017 |
| 449 | 2015 | Camarillo Ravelo D, Barajas Aceves M, Rodríguez Vázquez R. Evaluation of the phytotoxicity of mine tailings in four species used as bioindicators of heavy metals. Revista Internacional De Contaminacion Ambiental. Volumen: 31 Número: 2 Páginas: 133-143. | https://www.researchgate.net/publication/292398632_Evaluation_of_the_phytotoxicity_of_mine_tailings_in_four_species_used_as_bioindicator_of_heavy_metals |
| 450 | 2015 | Ruiz Herrera J, Leon Ramirez C, Vera Nunez A, Sanchez Arreguin A, Ruiz Medrano R , Salgado Lugo H, Sanchez Segura L, Pena Cabriales JJ. A novel intracellular nitrogen-fixing symbiosis made by Ustilago maydis and Bacillus spp. New Phytologist. Volumen: 207 Número: 3 Páginas: 769-777. | https://doi.org/10.1111/nph.13359 |
| 451 | 2015 | Toscano Morales R, Xoconostle Cazares BG, Cabrera Ponce JL, Hinojosa Moya J, Ruiz Salas JL, Galvan Gordillo SV, Guevara Gonzalez RG, Ruiz Medrano R. AtTCTP2, an Arabidopsis thaliana homolog of Translationally Controlled Tumor Protein, enhances in vitro plant regeneration. Frontiers In Plant Science. Volumen: 6 Número de artículo: 468. | https://doi.org/10.3389/fpls.2015.00468 |
| 452 | 2015 | Hernandez Flores G, Poggi Varaldo HM, Solorza Feria O, Ponce Noyola MT, Romero Castanon T, Rinderknecht Seijas N. Improvement of Microbial Fuel Cell Performance by Selection of Anodic Materials and Enrichment of Inoculum. Journal Of New Materials For Electrochemical Systems. Volumen: 18 Número: 3 Páginas: 121-129. | https://doi.org/10.14447/jnmes.v18i3.357 |
| 453 | 2015 | Ruiz Valdiviezo VM, Canseco LMCV, Suarez LAC, Gutierrez Miceli FA, Dendooven L, Rincon Rosales R. Symbiotic potential and survival of native rhizobia kept on different carriers. Brazilian Journal Of Microbiology. Volumen: 46 Número: 3 Páginas: 735-742. | https://doi.org/10.1590/S1517-838246320140541 |
| 454 | 2015 | Alvarez Mejia C, Rodriguez Rios D, Hernandez Guzman G, Lopez Ramirez V, Valenzuela Soto H, Marsch Moreno R. Characterization of the hrpZ gene from Pseudomonas syringae pv. maculicola M2. Brazilian Journal Of Microbiology. Volumen: 46 Número: 3 Páginas: 929-936. | https://doi.org/10.1590/S1517-838246320140655 |
| 455 | 2015 | Hernandez Zamora M, Cristiani Urbina E, Martinez Jeronimo F, Perales Vela H, Ponce Noyola MT, Montes Horcasitas MC, Canizares Villanueva RO. Bioremoval of the azo dye Congo Red by the microalga Chlorella vulgaris. Environmental Science And Pollution Research. Volumen: 22 Número: 14 Páginas: 10811-10823. | https://doi.org/10.1007/s11356-015-4277-1 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 456 | 2015 | Gonzalez Chavez MCA, Olivares AR, Carrillo Gonzalez R, Rios Leal E. Crude oil and bioproducts of castor bean (Ricinus communis L.) plants established naturally on metal mine tailings. International Journal Of Environmental Science And Technology. Volumen: 12 Número: 7 Páginas: 2263-2272. | https://doi.org/10.1007/s13762-014-0622-z |
| 457 | 2015 | Kutralam Muniasamy G, Flores Cotera LB, Pérez Guevara F. Potential of yeast secretory vesicles in biodelivery systems. Drug Discovery Today. Volumen: 20 Número: 6 Páginas: 659-666. | https://doi.org/10.1016/j.drudis.2015.03.014 |
| 458 | 2015 | Hernandez Montanez Z, Lopez Ramirez MP, Delgado Balbuena L, Dendooven L, Bello Lopez JM. Mesophilic strains of Aeromonas spp. can acquire the multidrug resistance plasmid pRAS1 in horizontal transfer experiments at low temperatures. Annals Of Microbiology. Volumen: 65 Número: 2 Páginas: 827-831. | https://doi.org/10.1007/s13213-014-0923-y |
| 459 | 2015 | Linares Garcia JA, Ramos Ramirez EG, Salazar Montoya JA. Viscoelastic properties and textural characterisation of high methoxyl pectin of hawthorn (Crataegus pubescens) in a gelling system. International Journal Of Food Science And Technology. Volumen: 50 Número: 6 Páginas: 1484-1493. | https://doi.org/10.1111/ijfs.12792 |
| 460 | 2015 | Perez PAL, Aguilar Lopez R, Gonzalez MIN. Cadmium removal at high concentration in aqueous medium: mediated by Desulfovibrio alaskensis. International Journal Of Environmental Science And Technology. Volumen: 12 Número: 6 Páginas: 1975-1986. | https://doi.org/10.1007/s13762-014-0601-4 |
| 461 | 2015 | Ramirez Villanueva DA, Bello Lopez JM, Navarro Noya YE, Luna Guido M, Verhulst N, Govaerts B, Dendooven L. Bacterial community structure in maize residue amended soil with contrasting management practices. Applied Soil Ecology. Volumen: 90 Páginas: 49-59 | https://doi.org/10.1016/j.apsoil.2015.01.010 |
| 462 | 2015 | Sastre Conde I, Lobo MC, Beltran Hernandez RI, Poggi Varaldo HM. Remediation of saline soils by a two-step process: Washing and amendment with sludge. Geoderma. Volumen: 247 Páginas: 140-150. | https://doi.org/10.1016/j.geoderma.2014.12.002 |
| 463 | 2015 | Dominguez Bocanegra AR, Torres Munoz JA, Aguilar Lopez R. Production of Bioethanol from agro-industrial wastes. Fuel. Volumen: 149 Páginas: 85-89. | https://doi.org/10.1016/j.fuel.2014.09.062 |
| 464 | 2015 | Juarez Ramirez C, Galindez Mayer J, Ruiz Ordaz N, Ramos Monroy O, Santoyo Tepole F, Poggi Varaldo HM. Steady-state inhibition model for the biodegradation of sulfonated amines in a packed bed reactor. New Biotechnology. Volumen: 32 Número: 3 Páginas: 379-386. | https://doi.org/10.1016/j.nbt.2014.07.010 |
| 465 | 2015 | Lara Cisneros G, Aguilar Lopez R, Femat R. On the dynamic optimization of methane production in anaerobic digestion via extremum-seeking control approach. Computers & Chemical Engineering. Volumen: 75 Páginas: 49-59. | https://doi.org/10.1016/j.compchemeng.2015.01.018 |
| 466 | 2015 | Barajas Aceves M, Camarillo Ravelo D, Rodríguez Vázquez R. Mobility and Translocation of Heavy Metals from Mine Tailings in Three Plant Species after Amendment with Compost and Biosurfactant. Soil & Sediment Contamination. Volumen: 24 Número: 3 Páginas: 223-249. | https://doi.org/10.1080/15320383.2015.946593 |
| 467 | 2015 | Dendooven L, Ramirez Fuentes E, Alcantara Hernandez R, Valenzuela Encinas C, Sanchez Lopez KB, Luna Guido M, Ruiz Valdiviezo VM. Dynamics of C-14-labelled Glucose and NH4+ in a Regularly Flooded Extremely Alkaline Saline Soil. Pedosphere. Volumen: 25 Número: 2 Páginas: 230-239. | https://doi.org/10.1016/S1002-0160(15)60008-X |
| 468 | 2015 | Ortiz FAC, Lopez Perez PA, Femat R, Lara Cisneros G, Aguilar Lopez R. Regulation of a Class of Continuous Bioreactor under Switching Kinetic Behavior: Modeling and Simulation Approach. Industrial & Engineering Chemistry Research. Volumen: 54 Número: 4 Páginas: 1326-1332. | https://doi.org/10.1021/ie504180v |
| 469 | 2015 | Cardenas Guerra RE, Ortega Lopez J, Flores Pucheta CI, Benitez Cardoza CG, Arroyo R. The recombinant prepro region of TvCP4 is an inhibitor of cathepsin L-like cysteine proteinases of Trichomonas vaginalis that inhibits trichomonal haemolysis. International Journal Of Biochemistry & Cell Biology. Volumen: 59 Páginas: 73-83. | https://doi.org/10.1016/j.biocel.2014.12.001 |
| 470 | 2015 | Rodriguez APG, Martinez MG, Barrera Cortes J, Ibarra JE, Bustos FM. Bio-insecticide Bacillus thuringiensis spores encapsulated with amaranth derivatized starches: studies on the propagation "in vitro". Bioprocess And Biosystems Engineering. Volumen: 38 Número: 2 Páginas: 329-339. | https://doi.org/10.1007/s00449-014-1273-7 |
| 471 | 2015 | Islas Garcia A, Vega Loyo L, Aguilar Lopez R, Xoconostle Cazares BG, Rodríguez Vázquez R. Evaluation of hydrocarbons and organochlorine pesticides and their tolerant microorganisms from an agricultural soil to define its bioremediation feasibility. Journal Of Environmental Science And Health Part B-Pesticides Food Contaminants And Agricultural Wastes. Volumen: 50 Número: 2 Páginas: 99-108. | https://doi.org/10.1080/03601234.2015.975605 |
| 472 | 2015 | Fava F, Totaro G, Diels L, Reis M, Duarte J, Carioca OB, Poggi Varaldo HM, Ferreira BS. Biowaste biorefinery in Europe: opportunities and research & development needs. New Biotechnology. Volumen: 32 Número: 1 Páginas: 100-108. | https://doi.org/10.1016/j.nbt.2013.11.003 |
| 473 | 2015 | Rivera Hoyos CM, Morales Alvarez ED, Poveda Cuevas SA, Reyes Guzman EA, Poutou Pinales RA, Reyes Montano EA, Pedroza Rodriguez AM, Rodríguez Vázquez R, Cardozo Bernal AM. Computational Analysis and Low-Scale Constitutive Expression of Laccases Synthetic Genes GILCC1 from Ganoderma lucidum and POXA 1B from Pleurotus ostreatus in Pichia pastoris. Plos One. Volumen: 10 Número: 1 Número de artículo: e0116524. | https://doi.org/10.1371/journal.pone.0116524 |
| 474 | 2015 | Guzman Trampe S, Rodriguez Pena K, Espinosa Gomez A, Sanchez Fernandez RE, Macias Rubalcava ML, Flores Cotera LB, Sanchez S. Endophytes as a Potential Source of New Antibiotics. Antibiotics: Current Innovations And Future Trends. Páginas: 175-204. | https://doi.org/10.1016/j.bcp.2016.10.010 |
| 475 | 2015 | Ortiz Cornejo NL, Luna Guido M, Rivera Espinoza Y, Vasquez Murrieta MS, Ruiz Valdiviezo VM, Dendooven L. Greenhouse gas emissions from a chinampa soil or floating gardens in Mexico. Revista Internacional De Contaminacion Ambiental. Volumen: 31 Número: 4 Páginas: 343-350. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0188-49992015000400002 |
| 476 | 2015 | Cuevas Ortiz FA, Neria Gonzalez MI, Aguilar Lopez R. Nonlinear observer for switched systems: application to a batch bioreactor. Revista Mexicana De Ingenieria Quimica. Volumen: 14 Número: 1 Páginas: 137-147. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382015000100012 |
| 477 | 2015 | Gomez Acata RV, Lara Cisneros G, Femat R, Aguilar Lopez R. On the dynamic behaviour of a class of bioreactor with non-conventional yield coefficient form. Revista Mexicana De Ingenieria Quimica. Volumen: 14 Número: 1 Páginas: 149-165. | https://www.researchgate.net/publication/272492064_On_the_dynamic_behaviour_of_a_class_of_bioreactor_with_non-conventional_yield_coefficient_form |
| 478 | 2015 | Lujan Hidalgo MC, Perez Gomez LE, Abud Archila M, Meza Gordillo R, Ruiz Valdiviezo VM, Dendooven L, Gutierrez Miceli FA. Growth, Phenolic Content and Antioxidant Activity in Chincuya (Annona purpurea Moc & Sesse ex Dunal) Cultivated with Vermicompost and Phosphate Rock. Compost Science & Utilization. Volumen: 23 Número: 4 Páginas: 276-283. | https://doi.org/10.1080/1065657X.2015.1046617 |
| 479 | 2015 | Ramirez Vargas R, Serrano Silva N, Navarro Noya YE, Alcantara Hernandez RJ, Luna Guido M, Thalasso F, Dendooven L. 454 pyrosequencing-based characterization of the bacterial consortia in a well established nitrifying reactor. Water Science And Technology. Volumen: 72 Número: 6 Páginas: 990-997. | https://doi.org/10.2166/wst.2015.295 |
| 480 | 2015 | Martinez Cruz K, Sepulveda Jauregui A, Anthony KW, Thalasso F. Geographic and seasonal variation of dissolved methane and aerobic methane oxidation in Alaskan lakes. Biogeosciences. Volumen: 12 Número: 15 Páginas: 4595-4606. | https://doi.org/10.5194/bg-12-4595-2015 |
| 481 | 2015 | Lopez Perez PA, Cuevas Ortiz FA, Gomez Acata RV, Aguilar Lopez R. Improving Bioethanol Production via Nonlinear Controller with Noisy Measurements. Chemical Engineering Communications. Volumen: 202 Número: 11 Páginas: 1438-1445. | https://doi.org/10.1080/00986445.2014.956737 |
| 482 | 2015 | Sepulveda Jauregui A, Anthony KMW, Martinez Cruz K, Greene S, Thalasso F. Methane and carbon dioxide emissions from 40 lakes along a north-south latitudinal transect in Alaska. Biogeosciences. Volumen: 12 Número: 11 Páginas: 3197-3223. | https://doi.org/10.5194/bg-12-3197-2015 |
| 483 | 2015 | Arroyo R, Cardenas Guerra RE, Figueroa Angulo EE, Puente Rivera J, Zamudio Prieto O, Ortega Lopez J. Trichomonas vaginalis Cysteine Proteinases: Iron Response in Gene Expression and Proteolytic Activity. Biomed Research International. Número de artículo: 946787. | https://doi.org/10.1155/2015/946787 |
| 484 | 2015 | Navarro Noya YE, Valenzuela Encinas C, Sandoval Yuriar A, Jimenez Bueno NG, Marsch Moreno R, Dendooven L. Archaeal Communities in a Heterogeneous Hypersaline-Alkaline Soil. Archaea-An International Microbiological Journal. Número de artículo: 646820. | https://doi.org/10.1155/2015/646820 |
| 485 | 2015 | Castro Silva C, Ruiz Valdiviezo VM, Rivas Rivera SG, Sosa Trinidad AR, Luna Guido M, Delgado Balbuena L, Marsch Moreno R, Dendooven L. Bioavailability and dissipation of anthracene from soil with different alkalinity and salinity. Journal Of Environmental Biology. Volumen: 36 Número: 1 Páginas: 229-234. | https://pubmed.ncbi.nlm.nih.gov/26536797/ |
| 486 | 2015 | Vera Reyes I, Huerta Heredia AA, Ponce Noyola MT, Cerda Garcia Rojas CM, Trejo Tapia G, Ramos Valdivia AC. Monoterpenoid indole alkaloids and phenols are required antioxidants in glutathione depleted Uncaria tomentosa root cultures. Frontiers In Environmental Science. Volumen: 3 Número de artículo: 27. | https://doi.org/10.3389/fenvs.2015.00027 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 487 | 2015 | Gonzalez Valencia R, Magana Rodriguez F, Maldonado E, Salinas J, Thalasso F. Detection of hotspots and rapid determination of methane emissions from landfills via a ground-surface method. Environmental Monitoring And Assessment. Volumen: 187 Número: 1 Número de artículo: 4083. | https://doi.org/10.1007/s10661-014-4083-0 |
| 488 | 2014 | Toscano Morales R, Xoconostle Cazares BG, Martinez Navarro AC, Ruiz Medrano R. Long distance movement of an Arabidopsis Translational ly Controlled Tumor Protein (AtTCTP2) mRNA and protein in tobacco. Frontiers In Plant Science. Volumen: 5 Número de artículo: 705. | https://doi.org/10.3389/fpls.2014.00705 |
| 489 | 2014 | Cardenas Aquino MR, Salomon Hernandez G, Aguilar Chavez A, Luna Guido ML, Marsch Moreno R, Dendooven L. Anthracene Removal and Mineral N Dynamics in a Surfactant-Amended Soil. Pedosphere. Volumen: 24 Número: 6 Páginas: 783-790. | https://doi.org/10.1016/S1002-0160(14)60065-5 |
| 490 | 2014 | Navarro Mtz AK, Pérez Guevara F. Construction of a biodynamic model for Cry protein production studies. Amb Express. Volumen: 4 Número de artículo: 79. | https://doi.org/10.1186/s13568-014-0079-y |
| 491 | 2014 | Cupul WC, Abarca GH, Rodríguez Vázquez R, Mota RMA. In vitro toxicity of the herbicides atrazine and paraquat on vegetative growth and sporulation of saprobic soil fungi. Revista Internacional De Contaminacion Ambiental. Volumen: 30 Número: 4 Páginas: 393-406. | https://www.researchgate.net/publication/297897032_In_vitro_toxicity_of_herbicides_atrazine_and_paraquat_on_vegetative_growth_and_sporulation_of_saprobic_soil_fungi |
| 492 | 2014 | Gone AML, Giron JDT, Montejo FEJ, Hidalgo Lara ME, Lopez VELY. Behavior of Transition State Regulator AbrB in Batch Cultures of Bacillus thuringiensis. Current Microbiology. Volumen: 69 Número: 5 Páginas: 725-732. | https://doi.org/10.1007/s00284-014-0650-4 |
| 493 | 2014 | Esquivel Rios I, Gonzalez I, Thalasso F. Microrespirometric characterization of activated sludge inhibition by copper and zinc. Biodegradation. Volumen: 25 Número: 6 Páginas: 867-879. | https://doi.org/10.1007/s10532-014-9706-1 |
| 494 | 2014 | Gomez Velasco DA, Alvarez Solis JD, Ruiz Valdiviezo VM, Abud Archila M, Montes Molina JA, Dendooven L, Gutierrez Miceli FA. Enzymatic Activities in Soil Cultivated with Coffee (Coffea arabica L. cv. 'Bourbon') and Amended with Organic Material. Communications In Soil Science And Plant Analysis. Volumen: 45 Número: 19 Páginas: 2529-2538. | https://doi.org/10.1080/00103624.2014.932375 |
| 495 | 2014 | Gonzalez Valencia R, Magana Rodriguez F, Gerardo Nieto O, Sepulveda Jauregui A, Martinez Cruz K, Anthony KW, Baer D, Thalasso F. In Situ Measurement of Dissolved Methane and Carbon Dioxide in Freshwater Ecosystems by Off-Axis Integrated Cavity Output Spectroscopy. Environmental Science & Technology. Volumen: 48 Número: 19 Páginas: 11421-11428. | https://doi.org/10.1021/es500987j |
| 496 | 2014 | Escamilla Alvarado C, Ponce Noyola MT, Poggi Varaldo HM, Rios Leal E, Garcia Mena J, Rinderknecht Seijas N. Energy analysis of in-series biohydrogen and methane production from organic wastes. International Journal Of Hydrogen Energy. Volumen: 39 Número: 29 Páginas: 16587-16594. | https://doi.org/10.1016/j.ijhydene.2014.06.077 |
| 497 | 2014 | Vazquez Larios AL, Solorza Feria O, Poggi Varaldo HM, Gonzalez Huerta RD, Ponce Noyola MT, Rios Leal E, Rinderknecht Seijas N. Bioelectricity production from municipal leachate in a microbial fuel cell: Effect of two cathodic catalysts. International Journal Of Hydrogen Energy. Volumen: 39 Número: 29 Páginas: 16667-16675. | https://doi.org/10.1016/j.ijhydene.2014.05.178 |
| 498 | 2014 | Hernandez Zamora M, Perales Vela HV, Flores Ortiz CM, Canizares Villanueva RO. Physiological and biochemical responses of Chlorella vulgaris to Congo red. Ecotoxicology And Environmental Safety. Volumen: 108 Páginas: 72-77. | https://doi.org/10.1016/j.ecoenv.2014.05.030 |
| 499 | 2014 | Ramirez Elias MA, Ferrera Cerrato R, Alarcon A, Almaras JJ, Ramirez Valverde G, de Bashan LE, Esparza Garcia FJ, Garcia Barradas O. Identification of culturable microbial functional groups isolated from the rhizosphere of four species of mangroves and their biotechnological potential. Applied Soil Ecology. Volumen: 82 Páginas: 1-10. | https://doi.org/10.1016/j.apsoil.2014.05.001 |
| 500 | 2014 | Ramirez Vargasa R, Vital Jacome M, Camacho Perez E, Hubbard L, Thalasso F. Characterization of oxygen transfer in a 24-well microbioreactor system and potential respirometric applications. Journal Of Biotechnology. Volumen: 186 Páginas: 58-65. | https://doi.org/10.1016/j.jbiotec.2014.06.031 |
| 501 | 2014 | Ordaz Cortes A, Thalasso F, Salgado Manjarrez E, Garibay Orijel C. Treatment of wastewater containing high concentrations of terephthalic acid by Comamonas sp. and Rhodococcus sp.: kinetic and stoichiometric characterization. Water And Environment Journal. Volumen: 28 Número: 3 Páginas: 393-400. | https://doi.org/10.1111/wej.12048 |
| 502 | 2014 | Puente Rivera J, Ramon Luing LD, Figueroa Angulo EE, Ortega Lopez J, Arroyo R. Trichocystatin-2 (TC-2): An endogenous inhibitor of cysteine proteinases in Trichomonas vaginalis is associated with TvCP39. International Journal Of Biochemistry & Cell Biology. Volumen: 54 Páginas: 255-265. | https://doi.org/10.1016/j.biocel.2014.04.005 |
| 503 | 2014 | Plascencia Espinosa M, Santiago Hernandez A, Pavon Orozco P, Vallejo Becerra V, Trejo Estrada S, Sosa Peinado A, Benitez Cardoza CG, Hidalgo Lara ME. Effect of deglycosylation on the properties of thermophilic invertase purified from the yeast Candida guilliermondii MpIIIa. Process Biochemistry. Volumen: 49 Número: 9 Páginas: 1480-1487. | https://doi.org/10.1016/j.procbio.2014.05.022 |
| 504 | 2014 | Harumy Nuricumbo Zarate Ibis, Hernandez Diaz J, Gutierrez Miceli FA, Dendooven L, Ruiz Valdiviezo VM. Characteristics of tomato plants treated with leaf extracts of neem (Azadirachta indica A. Juss. (L.)) and mata-raton (Gliricidia sepium (Jacquin)): A greenhouse experiment. Journal Of Environmental Biology. Volumen: 35 Número: 5 Páginas: 935-942. | https://pubmed.ncbi.nlm.nih.gov/25204070/ |
| 505 | 2014 | Marron Montiel E, Ruiz Ordaz N, Galindez Mayer J, Gonzalez Cuna S, Tepole FS, Poggi Varaldo HM. Biodegradation of the herbicide linuron in a plug-flow packed-bed biofilm channel equipped with top aeration modules. Environmental Engineering And Management Journal. Volumen: 13 Número: 8 Páginas: 1939-1944. | https://doi.org/10.30638/eemj.2014.214 |
| 506 | 2014 | Gutierrez Galeano DF, Toscano Morales R, Calderon Perez B, Xoconostle Cazares BG, Ruiz Medrano R. Structural divergence of plant TCTPs. Frontiers In Plant Science. Volumen: 5 Número de artículo: 361. | https://doi.org/10.3389/fpls.2014.00361 |
| 507 | 2014 | Cruz Jaramillo JL, Ruiz Medrano R, Rojas Morales L, Lopez Buenfil JA, Morales Galvan O, Chavarin Palacio C, Ramirez Pool JA, Xoconostle Cazares BG. Characterization of a Proposed Dichorhavirus Associated with the Citrus Leprosis Disease and Analysis of the Host Response. Viruses-Basel. Volumen: 6 Número: 7 Páginas: 2602-2622. | https://doi.org/10.3390/v6072602 |
| 508 | 2014 | Bello Lopez JM, Dominguez Mendoza CA, de Leon Lorenzana AS, Delgado Balbuena L, Navarro Noya YE, Gomez Acata S, Rodriguez Valentin A, Ruiz Valdiviezo VM, Luna Guido M, Verhulst N, Govaerts B, Dendooven L. Bacterial colonization of a fumigated alkaline saline soil. Extremophiles. Volumen: 18 Número: 4 Páginas: 733-743. | https://doi.org/10.1007/s00792-014-0653-x |
| 509 | 2014 | Zamudio Prieto O, Benitez Cardoza C, Arroyo R, Ortega Lopez J. Conformational changes induced by detergents during the refolding of chemically denatured cysteine protease ppEhCP-B9 from Entamoeba histolytica. Biochimica Et Biophysica Acta-Proteins And Proteomics. Volumen: 1844 Número: 7 Páginas: 1299-1306. | https://doi.org/10.1016/j.bbapap.2014.04.009 |
| 510 | 2014 | Rodriguez Campos J, Dendooven L, Alvarez Bernal D, Contreras Ramos SM. Potential of earthworms to accelerate removal of organic contaminants from soil: A review. Applied Soil Ecology. Volumen: 79 Páginas: 10-25. | https://doi.org/10.1016/j.apsoil.2014.02.010 |
| 511 | 2014 | Aguilar Lopez R, Martinez Guerra R, Perez Pinacho CA. Nonlinear observer for synchronization of chaotic systems with application to secure data transmission. European Physical Journal-Special Topics. Volumen: 223 Número: 8 Páginas: 1541-1548. | https://doi.org/10.1140/epjst/e2014-02116-0 |
| 512 | 2014 | Serrano Silva N, Sarria Guzman Y, Dendooven L, Luna Guido M. Methanogenesis and Methanotrophy in Soil: A Review. Pedosphere. Volumen: 24 Número: 3 Páginas: 291-307. | https://doi.org/10.1016/S1002-0160(14)60016-3 |
| 513 | 2014 | Barbachano Torres A, Castelblanco Matiz LM, Ramos Valdivia AC, Cerda Garcia Rojas CM, Salgado LM, Flores Ortiz CM, Ponce Noyola MT. Analysis of proteomic changes in colored mutants of Xanthophyllomyces dendrorhous (Phaffia rhodozyma). Archives Of Microbiology. Volumen: 196 Número: 6 Páginas: 411-421. | https://doi.org/10.1007/s00203-014-0979-x |
| 514 | 2014 | Dominguez Mendoza CA, Bello Lopez JM, Navarro Noya YE, de Leon Lorenzana AS, Delgado Balbuena L, Gomez Acata S, Ruiz Valdiviezo VM, Ramirez Villanueva DA, Luna Guido M, Dendooven L. Bacterial community structure in fumigated soil. Soil Biology & Biochemistry. Volumen: 73 Páginas: 122-129. | https://doi.org/10.1016/j.soilbio.2014.02.012 |
| 515 | 2014 | Lira Ortiz AL, Resendiz Vega F, Rios Leal E, Contreras Esquivel JC, Chavarria Hernandez N, Vargas Torres A, Rodriguez Hernandez AI. Pectins from waste of prickly pear fruits (Opuntia albicarpa Scheinvar 'Reyna'): Chemical and rheological properties. Food Hydrocolloids. Volumen: 37 Páginas: 93-99. | https://doi.org/10.1016/j.foodhyd.2013.10.018 |
| 516 | 2014 | Cupul WC, Abarca GH, Carrera DM, Rodríguez Vázquez R. Enhancement of ligninolytic enzyme activities in a Trametes maxima-Paecilomyces carneus co-culture: Key factors revealed after screening using a Plackett-Burman experimental design. Electronic Journal Of Biotechnology. Volumen: 17 Número: 3 Páginas: 114-121. | https://doi.org/10.1016/j.ejbt.2014.04.007 |
| 517 | 2014 | Poggi Varaldo HM, Munoz Paez KM, Escamilla Alvarado C, Robledo Narvaez PN, Ponce Noyola MT, Calva Calva G, Rios Leal E, Galindez Mayer J, Estrada Vazquez C, Ortega Clemente A, Rinderknecht Seijas NF. Biohydrogen, biomethane and bioelectricity as crucial components of biorefinery of organic wastes: A review. Waste Management & Research. Volumen: 32 Número: 5 Páginas: 353-365. | https://doi.org/10.1177/0734242X14529178 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 518 | 2014 | Munoz Paez KM, Poggi Varaldo HM, Garcia Mena J, Ponce Noyola MT, Ramos Valdivia AC, Barrera Cortes J, Robles Gonzalez IV, Ruiz Ordaz N, Villa Tanaca L, Rinderknecht Seijas N. Cheese whey as substrate of batch hydrogen production: Effect of temperature and addition of buffer. Waste Management & Research. Volumen: 32 Número: 5 Páginas: 434-440. | https://doi.org/10.1177/0734242X14527333 |
| 519 | 2014 | Serrano Silva N, Valenzuela Encinas C, Marsch Moreno R, Dendooven L, Alcantara Hernandez RJ. Changes in methane oxidation activity and methanotrophic community composition in saline alkaline soils. Extremophiles. Volumen: 18 Número: 3 Páginas: 561-571. | https://doi.org/10.1007/s00792-014-0641-1 |
| 520 | 2014 | Bello Lopez JM, Navarro Noya YE, Gomez Acata S, Hernandez Montanez Z, Dendooven L. Identification of alpha-amylase by random and specific mutagenesis of Texcoconibacillus texcoconensis 13CC(T) strain isolated from extreme alkaline-saline soil of the former Lake Texcoco (Mexico). Folia Microbiologica. Volumen: 59 Número: 3 Páginas: 235-240. | https://doi.org/10.1007/s12223-013-0289-8 |
| 521 | 2014 | Sarria Guzman Y, Lopez Ramirez MP, Chavez Romero Y, Ruiz Romero E, Dendooven L, Bello Lopez JM. Identification of Antibiotic Resistance Cassettes in Class 1 Integrons in Aeromonas spp. Strains Isolated From Fresh Fish (Cyprinus carpio L.). Current Microbiology. Volumen: 68 Número: 5 Páginas: 581-586. | https://doi.org/10.1007/s00284-013-0511-6 |
| 522 | 2014 | Antonio Perez A, Aldaz Martinez LM, Meneses Acosta A, Ortega Lopez J. Refolding of lysozyme assisted by molecular chaperones immobilized in cellulose: the operational conditions that affect refolding yields. Revista Mexicana De Ingenieria Quimica. Volumen: 13 Número: 1 Páginas: 83-91. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382014000100007 |
| 523 | 2014 | Velazquez Sanchez HI, Montes Horcasitas MC, Aguilar Lopez R. Development of a phenomenological kinetic model for butanol production using Clostridium beijerinckii. Revista Mexicana De Ingenieria Quimica. Volumen: 13 Número: 1 Páginas: 103-112. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382014000100009 |
| 524 | 2014 | Rathinasabapathy A, Ramsay BA, Ramsay JA, Pérez Guevara F. A feeding strategy for incorporation of canola derived medium-chain-length monomers into the PHA produced by wild-type Cupriavidus necator. World Journal Of Microbiology & Biotechnology. Volumen: 30 Número: 4 Páginas: 1409-1416. | https://doi.org/10.1007/s11274-013-1563-2 |
| 525 | 2014 | Hernandez Paniagua IY, Ramirez Vargas R, Ramos Gomez MS, Dendooven L, Avelar Gonzalez FJ, Thalasso F. Greenhouse gas emissions from stabilization ponds in subtropical climate. Environmental Technology. Volumen: 35 Número: 6 Páginas: 727-734. | https://doi.org/10.1080/09593330.2013.848910 |
| 526 | 2014 | Muniasamy G, Pérez Guevara F. Use of SNAREs for the immobilization of poly-3-hydroxyalkanoate polymerase type II of Pseudomonas putida CA-3 in secretory vesicles of Saccharomyces cerevisiae ATCC 9763. Journal Of Biotechnology. Volumen: 172 Páginas: 77-79. | https://doi.org/10.1016/j.jbiotec.2013.12.008 |
| 527 | 2014 | Esquivel Rios I, Ramirez Vargas R, Hernandez Martinez GR, Vital Jacome M, Ordaz A, Thalasso F. A microrespirometric method for the determination of stoichiometric and kinetic parameters of heterotrophic and autotrophic cultures. Biochemical Engineering Journal. Volumen: 83 Páginas: 70-78. | https://doi.org/10.1016/j.bej.2013.12.006 |
| 528 | 2014 | Navarro Noya YE, Jimenez Aguilar A, Valenzuela Encinas C, Alcantara Hernandez RJ, Ruiz Valdiviezo VM, Ponce Mendoza A, Luna Guido M, Marsch Moreno R, Dendooven L. Bacterial Communities in Soil Under Moss and Lichen-Moss Crusts. Geomicrobiology Journal. Volumen: 31 Número: 2 Páginas: 152-160. | https://doi.org/10.1080/01490451.2013.820236 |
| 529 | 2014 | Martinez Roldan AJ, Perales Vela HV, Canizares Villanueva RO, Torzillo G. Physiological response of Nannochloropsis sp to saline stress in laboratory batch cultures. Journal Of Applied Phycology. Volumen: 26 Número: 1 Páginas: 115-121. | https://doi.org/10.1007/s10811-013-0060-1 |
| 530 | 2014 | Calderon Perez B, Xoconostle Cazares BG, Lira Carmona R, Hernandez Rivas R, Ortega Lopez J, Ruiz Medrano R. The Plasmodium falciparum Translationally Controlled Tumor Protein (TCTP) Is Incorporated More Efficiently into B Cells than Its Human Homologue. Plos One. Volumen: 9 Número: 1 Número de artículo: e85514. | https://doi.org/10.1371/journal.pone.0085514 |
| 531 | 2014 | Contreras Blancas E, Ruiz Valdiviezo VM, Santoyo Tepole F, Luna Guido M, Meza Gordillo R, Dendooven L, Gutierrez Miceli FA. Evaluation of Worm-Bed Leachate as an Antifungal Agent against Pathogenic Fungus, Colletotrichum gloeosporioides. Compost Science & Utilization. Volumen: 22 Número: 1 Páginas: 23-32. | https://doi.org/10.1080/1065657X.2013.870944 |
| 532 | 2014 | Soto Padilla MY, Valenzuela Encinas C, Dendooven L, Marsch Moreno R, Gortares Moroyoqui P, Estrada Alvarado MI. Isolation and phylogenic identification of soil haloalkaliphilic strains in the former Texcoco Lake. International Journal Of Environmental Health Research. Volumen: 24 Número: 1 Páginas: 82-90. | https://doi.org/10.1080/09603123.2013.800957 |
| 533 | 2014 | Barajas Aceves M, Rios Berber JD, Oropeza Mota JL, Rodríguez Vázquez R. Assessment of Tannery Waste in Semi-arid Soils Under a Simulated Rainfall System. Soil & Sediment Contamination. Volumen: 23 Número: 8 Páginas: 954-964. | https://doi.org/10.1080/15320383.2014.896861 |
| 534 | 2014 | Romero Tepal EM, Contreras Blancas E, Navarro Noya YE, Ruiz Valdiviezo VM, Luna Guido M, Gutierrez Miceli FA, Dendooven L. Changes in the Bacterial Community Structure in Stored Wormbed Leachate. Journal Of Molecular Microbiology And Biotechnology. Volumen: 24 Número: 2 Páginas: 105-113. | https://doi.org/10.1159/000357915 |
| 535 | 2014 | Lopez EG, Ramos Ramirez EG, Guzman OG, Calva Calva G, Ariza Castolo A, Perez Vargas J, Rodriguez HGM. MALDI-TOF Characterization of hGH1 Produced by Hairy Root Cultures of Brassica oleracea var. italica Grown in an Airlift with Mesh Bioreactor. Biotechnology Progress. Volumen: 30 Número: 1 Páginas: 161-171. | https://doi.org/10.1002/btpr.1829 |
| 536 | 2014 | Aguilar Lopez R, Neria Gonzalez MI, Martinez Guerra R, Mata Machuca JL. Nonlinear estimation in a class of gene transcription process. Applied Mathematics And Computation. Volumen: 226 Páginas: 131-144. | https://doi.org/10.1016/j.amc.2013.10.012 |
| 537 | 2014 | Aguilar Lopez R, Martinez Guerra R, Mata Machuca JL. Multisynchronization of Chaotic Oscillators via Nonlinear Observer Approach. Scientific World Journal. Número de artículo: 935163. | https://doi.org/10.1155/2014/935163 |
| 538 | 2014 | Lopez Vera EE, Nelson S, Singh RP, Basnet BR, Haley SD, Bhavani S, Huerta Espino J, Xoconostle Cazares BG, Ruiz Medrano R, Rouse MN, Singh S. Resistance to stem rust Ug99 in six bread wheat cultivars maps to chromosome 6DS. Theoretical And Applied Genetics. Volumen: 127 Número: 1 Páginas: 231-239. | https://doi.org/10.1007/s00122-013-2212-8 |
| 539 | 2014 | Caspeta L, Caro Bermudez MA, Ponce Noyola MT, Martinez A. Enzymatic hydrolysis at high-solids loadings for the conversion of agave bagasse to fuel ethanol. Applied Energy. Volumen: 113 Número especial: SI Páginas: 277-286. | https://doi.org/10.1016/j.apenergy.2013.07.036 |
| 540 | 2014 | Diaz Rojas M, Aguilar Chavez A, Cardenas Aquino MD, Ruiz Valdiviezo VM, Hernandez Valdez E, Luna Guido M, Olalde Portugal V, Dendooven L. Effects of wastewater sludge, urea and charcoal on greenhouse gas emissions in pots planted with wheat. Applied Soil Ecology. Volumen: 73 Páginas: 19-25. | https://doi.org/10.1016/j.apsoil.2013.08.001 |
| 541 | 2014 | Mendoza Aguayo DJ, Poggi Varaldo HM, Garcia Mena J, Ramos Valdivia AC, Salgado LM, de la Torre Martinez M, Ponce Noyola MT. Extracellular expression of glucose inhibition-resistant Cellulomonas flavigena PN-120 beta-glucosidase by a diploid strain of Saccharomyces cerevisiae. Archives Of Microbiology. Volumen: 196 Número: 1 Páginas: 25-33. | https://doi.org/10.1007/s00203-013-0935-1 |
| 542 | 2014 | Lara Gonzalez S, Estrella Hernandez P, Ochoa Leyva A, Portillo Tellez MD, Caro Gomez LA, Figueroa Angulo EE, Salgado Lugo H, Miranda Ozuna JFT, Ortega Lopez J, Arroyo R, Brieba LG, Benitez Cardoza CG. Structural and thermodynamic folding characterization of triosephosphate isomerases from Trichomonas vaginalis reveals the role of destabilizing mutations following gene duplication. Proteins-Structure Function And Bioinformatics. Volumen: 82 Número: 1 Páginas: 22-33. | https://doi.org/10.1002/prot.24333 |
| 543 | 2014 | Gonzalez Valencia R, Sepulveda Jauregui A, Martinez Cruz K, Hoyos Santillan J, Dendooven L, Thalasso F. Methane emissions from Mexican freshwater bodies: correlations with water pollution. Hydrobiologia. Volumen: 721 Número: 1 Páginas: 9-22. | https://doi.org/10.1007/s10750-013-1632-4 |
| 544 | 2013 | Ramirez AM, Flores Cotera LB, Gutierrez RMP. Anti-inflammatori activity of the Hexane Extract of Byrsonima crassifolia seeds in experimental animal models. Alternative Tharapies in Health and Medicine. Volumen: 19 Páginas: 26-36. | https://doi.org/10.1055/s-0032-1320897 |
| 545 | 2013 | Rivera Hoyos CM, Morales Alvarez ED, Poutou Pinales RA, Pedroza Rodriguez AM, Rodríguez Vázquez R, Delgado Boada JM. Fungal laccases. Fungal Biology Reviews. Volumen: 27 Número: 3-4 Páginas: 67-82. | https://doi.org/10.1016/j.fbr.2013.07.001 |
| 546 | 2013 | Aguilar Lopez R, Lopez Perez PA, Pena Caballero V, Maya Yescas R. Regulation of an Activate Sludge Wastwater Plant VIA Robust Active Control Design. International Journal Of Environmental Research. Volumen: 7 Número: 1 Páginas: 61-68. | https://www.academia.edu/87555245/Regulation_of_an_Activate_Sludge_Wastwater_Plant_VIA_Robust_Active_Control_Design |
| 547 | 2013 | Contreras Ramos SM, Rodriguez Campos J, Saucedo Garcia A, Cruz Ortega R, Macias Rubalcava ML, Hernandez Bautista BE, Dendooven L, Esqueda Esquivel VA, Anaya AL . Mutual Effects of Rottboellia cochinchinensis and Maize Grown Together at Different Densities. Agronomy Journal. Volumen: 105 Número: 6 Páginas: 1545-1554. | https://doi.org/10.2134/agronj2013.0068 |
| 548 | 2013 | Ruiz Romero E, Sanchez Lopez KB, Coutino Coutino MD, Gonzalez Pozos S, Bello Lopez JM, Lopez Ramirez MP, Ramirez Villanueva DA, Dendooven L. Natronobacterium texcoconense sp nov., a haloalkaliphilic archaeon isolated from soil of a former lake. International Journal Of Systematic And Evolutionary Microbiology. Volumen: 63 Páginas: 4163-4166. | https://doi.org/10.1099/ijs.0.053629-0 |
| 549 | 2013 | Cardenas Guerra RE, Arroyo R, de Andrade IR, Benchimol M, Ortega Lopez J. The iron-induced cysteine proteinase TvCP4 plays a key role in Trichomonas vaginalis haemolysis. Microbes And Infection. Volumen: 15 Número: 13 Páginas: 958-968. | https://doi.org/10.1016/j.micinf.2013.09.002 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 550 | 2013 | Garcia Diaz C, Ponce Noyola MT, Esparza Garcia FJ, Rivera Orduna F, Barrera Cortes J. PAH removal of high molecular weight by characterized bacterial strains from different organic sources. International Biodeterioration & Biodegradation. Volumen: 85 Páginas: 311-322. | https://doi.org/10.1016/j.ibiod.2013.08.016 |
| 551 | 2013 | Robledo Narvaez PN, Munoz Paez KM, Poggi Varaldo HM, Rios Leal E, Calva Calva G, Ortega Clemente LA, Rinderknecht Seijas N, Estrada Vazquez C, Ponce Noyola MT, Salazar Montoya JA. The influence of total solids content and initial pH on batch biohydrogen production by solid substrate fermentation of agroindustrial wastes. Journal Of Environmental Management. Volumen: 128 Páginas: 126-137. | https://doi.org/10.1016/j.jenvman.2013.04.042 |
| 552 | 2013 | Rosas Flores W, Ramos Ramirez EG, Salazar Montoya JA. Microencapsulation of Lactobacillus helveticus and Lactobacillus delbrueckii using alginate and gellan gum. Carbohydrate Polymers. Volumen: 98 Número: 1 Páginas: 1011-1017. | https://doi.org/10.1016/j.carbpol.2013.06.077 |
| 553 | 2013 | Delgado Balbuena L, Aguilar Chavez AR, Luna Guido ML, Dendooven L. Mixing of an anthracene-contaminated soil: A simple but efficient remediation technique?. Ecotoxicology And Environmental Safety. Volumen: 96 Páginas: 238-241. | https://doi.org/10.1016/j.ecoenv.2013.06.034 |
| 554 | 2013 | Navarro Noya YE, Gomez Acata S, Montoya Ciriaco N, Rojas Valdez A, Suarez Arriaga MC, Valenzuela Encinas C, Jimenez Bueno N, Verhulst N, Govaerts B, Dendooven L. Relative impacts of tillage, residue management and crop-rotation on soil bacterial communities in a semi-arid agroecosystem. Soil Biology & Biochemistry. Volumen: 65 Páginas: 86-95. | https://doi.org/10.1016/j.soilbio.2013.05.009 |
| 555 | 2013 | Escamilla Alvarado C, Ponce Noyola MT, Rios Leal E, Poggi Varaldo HM. A multivariable evaluation of biohydrogen production by solid substrate fermentation of organic municipal wastes in semi-continuous and batch operation. International Journal Of Hydrogen Energy. Volumen: 38 Número: 28 Páginas: 12527-12538. | https://doi.org/10.1016/j.ijhydene.2013.02.124 |
| 556 | 2013 | Munoz Paez KM, Ruiz Ordaz N, Garcia Mena J, Ponce Noyola MT, Ramos Valdivia AC, Robles Gonzalez IV, Villa Tanaca L, Barrera Cortes J, Rinderknecht Seijas N, Poggi Varaldo HM. Comparison of biohydrogen production in fluidized bed bioreactors at room temperature and 35 degrees C. International Journal Of Hydrogen Energy. Volumen: 38 Número: 28 Páginas: 12570-12579. | https://doi.org/10.1016/j.ijhydene.2012.09.172 |
| 557 | 2013 | Ortega Martinez AC, Juarez Lopez K, Solorza Feria O, Ponce Noyola MT, Galindez Mayer J, Rinderknecht Seijas N, Poggi Varaldo HM. Analysis of microbial diversity of inocula used in a five-face parallelepiped and standard microbial fuel cells. International Journal Of Hydrogen Energy. Volumen: 38 Número: 28 Páginas: 12589-12599. | https://doi.org/10.1016/j.ijhydene.2013.02.023 |
| 558 | 2013 | Sathish Kumar K, Solorza Feria O, Tapia Ramirez J, Rinderkenecht Seijas N, Poggi Varaldo HM. Electrochemical and chemical enrichment methods of a sodic-saline inoculum for microbial fuel cells. International Journal Of Hydrogen Energy. Volumen: 38 Número: 28 Páginas: 12600-12609. | https://doi.org/10.1016/j.ijhydene.2012.11.147 |
| 559 | 2013 | Castro Silva C, Ruiz Valdiviezo VM, Valenzuela Encinas C, Alcantara Hernandez RJ, Navarro Noya YE, Vazquez Nunez E, Luna Guido M, Marsch Moreno R, Dendooven L. The bacterial community structure in an alkaline saline soil spiked with anthracene. Electronic Journal Of Biotechnology. Volumen: 16 Número: 5 Número de artículo: 14. | https://doi.org/10.2225/vol16-issue5-fulltext-14 |
| 560 | 2013 | Camacho Chab JC, Guezennec J, Chan Bacab MJ, Rios Leal E, Sinquin C, Muniz Salazar R, De la Rosa Garcia SD, Reyes Estebanez M, Ortega Morales BO. Emulsifying Activity and Stability of a Non-Toxic Bioemulsifier Synthesized by Microbacterium sp MC3B-10. International Journal Of Molecular Sciences. Volumen: 14 Número: 9 Páginas: 18959-18972. | https://doi.org/10.3390/ijms140918959 |
| 561 | 2013 | Alvarez Mejia C, Hernandez Guzman G, Curiel Quesada E, Marsch Moreno R. The Use of Cell Density to Estimate the Bacterial Promoter Strength. Journal Of Pure And Applied Microbiology. Volumen: 7 Número: 3 Páginas: 1743-1748. | https://microbiologyjournal.org/the-use-of-cell-density-to-estimate-the-bacterial-promoter-strength/ |
| 562 | 2013 | Rios Iribe EY, Hernandez Calderon OM, Reyes Moreno C, Contreras Andrade I, Flores Cotera LB, Escamilla Silva EM. A Possible Mechanism of Metabolic Regulation in Gibberella fujikuroi Using a Mixed Carbon Source of Glucose and Corn Oil Inferred from Analysis of the Kinetics Data Obtained in a Stirrer Tank Bioreactor. Biotechnology Progress. Volumen: 29 Número: 5 Páginas: 1169-1180. | https://doi.org/10.1002/btpr.1775 |
| 563 | 2013 | Ruiz Romero E, Coutino Coutino MD, Valenzuela Encinas C, Lopez Ramirez MP, Marsch Moreno R, Dendooven L. Texcoconibacillus texcoconensis gen. nov., sp nov., alkalophilic and halotolerant bacteria isolated from soil of the former lake Texcoco (Mexico). International Journal Of Systematic And Evolutionary Microbiology. Volumen: 63 Páginas: 3336-3341. | https://doi.org/10.1099/ijs.0.048447-0 |
| 564 | 2013 | Raymundo Ortiz AI, Ramos Ramirez EG, Cruz Orea A, Salazar Montoya JA. Application of Photothermal Techniques in the Determination of the Water-Vapor Diffusion Coefficient and Thermal Effusivity of Hydrogels. International Journal Of Thermophysics. Volumen: 34 Número: 8-9 Número especial: SI Páginas: 1591-1596. | https://doi.org/10.1007/s10765-013-1391-5 |
| 565 | 2013 | Lopez Perez PA, Neria Gonzalez MI, Aguilar Lopez R. Nonlinear controller design with application to a continuous bioreactor. Theoretical Foundations Of Chemical Engineering. Volumen: 47 Número: 5 Páginas: 585-592. | https://doi.org/10.1134/S0040579513050199 |
| 566 | 2013 | Ramirez Vargas R, Ordaz A, Carrion M, Hernandez Paniagua IY, Thalasso F. Comparison of static and dynamic respirometry for the determination of stoichiometric and kinetic parameters of a nitrifying process. Biodegradation. Volumen: 24 Número: 5 Páginas: 675-684. | https://doi.org/10.1007/s10532-012-9615-0 |
| 567 | 2013 | Escamilla Alvarado C, Poggi Varaldo HM, Ponce Noyola MT. Use of organic waste for the production of added-value holocellulases with Cellulomonas flavigena PR-22 and Trichoderma reesei MCG 80. Waste Management & Research. Volumen: 31 Número: 8 Número especial: SI Páginas: 849-858. | https://doi.org/10.1177/0734242X13492841 |
| 568 | 2013 | Hernandez Castellanos B, Ortiz Ceballos A, Martinez Hernandez S, Noa Carrazana JC, Luna Guido M, Dendooven L, Contreras Ramos SM. Removal of benzo (a) pyrene from soil using an endogeic earthworm Pontoscolex corethrurus (Muller, 1857). Applied Soil Ecology. Volumen: 70 Páginas: 62-69. | https://doi.org/10.1016/j.apsoil.2013.04.009 |
| 569 | 2013 | Perez PAL, Yescas RM, Acata RVG, Caballero VP, Aguilar Lopez R. Software sensors design for the simultaneous saccharification and fermentation of starch to ethanol. Fuel. Volumen: 110 Páginas: 219-226. | https://doi.org/10.1016/j.fuel.2012.11.020 |
| 570 | 2013 | Martinez Navarro AC, Galvan Gordillo SV, Xoconostle Cazares BG, Ruiz Medrano R. Vascular gene expression: a hypothesis. Frontiers In Plant Science. Volumen: 4 Número de artículo: 261. | https://doi.org/10.3389/fpls.2013.00261 |
| 571 | 2013 | Vazquez Larios AL, Solorza Feria O, Gonzalez Huerta RD, Ponce Noyola MT, Barrera Cortes J, Rinderknecht Seijas N, Poggi Varaldo HM. Effect of Two Anodic Materials and RuxMoySez as a Cathode Catalyst on the Performance of Two Singlw Chamber Microbial Fuel Cells. Journal Of New Materials For Electrochemical Systems. Volumen: 16 Número: 3 Páginas: 163-170. | https://doi.org/10.14447/jnmes.v16i3.6 |
| 572 | 2013 | Camacho Perez B, Rios Leal E, Solorza Feria O, Vazquez Landaverde PA, Barrera Cortes J, Ponce Noyola MT, Garcia Mena J, Rinderknecht Seijas N, Poggi Varaldo HM. Preformance of an Electrobiochemical Slurry Reactor for the Treatment of a Soil Contaminated with Lindane. Journal Of New Materials For Electrochemical Systems. Volumen: 16 Número: 3 Páginas: 217-228. | https://doi.org/10.14447/jnmes.v16i3.21 |
| 573 | 2013 | Arias Penaranda MT, Cristiani Urbina E, Montes Horcasitas MC, Esparza Garcia FJ, Torzillo G, Canizares Villanueva RO. Scenedesmus incrassatulus CLHE-Si01: A potential source of renewable lipid for high quality biodiesel production. Bioresource Technology. Volumen: 140 Páginas: 158-164. | https://doi.org/10.1016/j.biortech.2013.04.080 |
| 574 | 2013 | Ortiz DIB, Thalasso F, Lopez FDC, Texier AC. Inhibitory effect of sulfide on the nitrifying respiratory process. Journal Of Chemical Technology And Biotechnology. Volumen: 88 Número: 7 Páginas: 1344-1349. | https://doi.org/10.1002/jctb.3982 |
| 575 | 2013 | Navarro Noya YE, Suarez Arriaga MC, Rojas Valdes A, Montoya Ciriaco NM, Gomez Acata S, Fernandez Luqueno F, Dendooven L. Pyrosequencing Analysis of the Bacterial Community in Drinking Water Wells. Microbial Ecology. Volumen: 66 Número: 1 Páginas: 19-29. | https://doi.org/10.1007/s00248-013-0222-3 |
| 576 | 2013 | Meneses Acosta A, Vizcaino Meza LR, Ayala Castro HG, Contreras MA, Ortega Lopez J, Ramirez OT. Effect of controlled redox potential and dissolved oxygen on the in vitro refolding of an E. coli alkaline phosphatase and chicken lysozyme. Enzyme And Microbial Technology. Volumen: 52 Número: 6-7 Páginas: 312-318. | https://doi.org/10.1016/j.enzmictec.2013.03.008 |
| 577 | 2013 | Vera Reyes I, Huerta Heredia AA, Ponce Noyola MT, Flores Sanchez IJ, Esparza Garcia FJ, Cerda Garcia Rojas CM, Trejo Tapia G, Ramos Valdivia AC. Strictosidine-related enzymes involved in the alkaloid biosynthesis of Uncaria tomentosa root cultures grown under oxidative stress. Biotechnology Progress. Volumen: 29 Número: 3 Páginas: 621-630. | https://doi.org/10.1002/btpr.1723 |
| 578 | 2013 | Luna Palencia GR, Huerta Heredia AA, Cerda Garcia Rojas CM, Ramos Valdivia AC. Differential alkaloid profile in Uncaria tomentosa micropropagated plantlets and root cultures. Biotechnology Letters. Volumen: 35 Número: 5 Páginas: 791-797. | https://doi.org/10.1007/s10529-012-1128-8 |
| 579 | 2013 | Quijano Hernandez IA, Castro Barcena A, Vazquez Chagoyan JC, Bolio Gonzalez ME, Ortega Lopez J, Dumonteil E. Preventive and therapeutic DNA vaccination partially protect dogs against an infectious challenge with Trypanosoma cruzi. Vaccine. Volumen: 31 Número: 18 Páginas: 2246-2252. | https://doi.org/10.1016/j.vaccine.2013.03.005 |
| 580 | 2013 | Delgado Reyes VA, Ramos Ramirez EG, Cruz Orea A, Salazar Montoya JA. Flow and Dynamic Viscoelastic Characterization of Non-Purified and Purified Mucin Dispersions. International Journal Of Polymer Analysis And Characterization. Volumen: 18 Número: 3 Páginas: 232-245. | https://doi.org/10.1080/1023666X.2013.756606 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 581 | 2013 | Blouin M, Hodson ME, Delgado EA, Baker G, Brussaard L, Butt KR, Dai J, Dendooven L, Peres G, Tondoh JE, Cluzeau D, Brun JJ. A review of earthworm impact on soil function and ecosystem services. European Journal Of Soil Science. Volumen: 64 Número: 2 Páginas: 161-182. | https://doi.org/10.1111/ejss.12025 |
| 582 | 2013 | Lopez Perez PA, Neria Gonzalez MI, Flores Cotera LB, Aguilar Lopez R. A mathmatical Model for Cadmium Removal using A sulfate Reducing Educing Bacterium: Desulfovibrio alaskensis 6SR. International Journal Of Environmental Research. Volumen: 7 Número: 2 Páginas: 501-512. | https://www.researchgate.net/publication/275034121_A_mathematical_Model_for_Cadmium_Removal_using_A_sulfate_Reducing_Bacterium_Desulfovibrio_alaskensis_6SR |
| 583 | 2013 | Perez PAL, Gonzalez MIN, Aguilar Lopez R. Cadmium concentration stabilization in a continuous sulfate reducing bioreactor via sulfide concentration control. Chemical Papers. Volumen: 67 Número: 3 Páginas: 326-335. | https://doi.org/10.2478/s11696-012-0274-8 |
| 584 | 2013 | Delgado Balbuena L, Romero Tepal EM, Luna Guido ML, Marsch Moreno R, Dendooven L. Removal of Anthracene from Recently Contaminated and Aged Soils. Water Air And Soil Pollution. Volumen: 224 Número: 2 Número de artículo: 1420. | https://doi.org/10.1007/s11270-012-1420-1 |
| 585 | 2013 | Ordaz A, Quijano G, Thalasso F, Garibay Orijel C. Pulse Respirometry in Two-Phase Partitioning Bioreactors: Case Study of Terephthalic Acid Biodegradation. Applied Biochemistry And Biotechnology. Volumen: 169 Número: 3 Páginas: 810-820. | https://doi.org/10.1007/s12010-012-0020-2 |
| 586 | 2013 | Ruiz Romero E, Valenzuela Encinas C, Lopez Ramirez MP, Coutino Coutino MD, Marsch Moreno R, Dendooven L. Natronorubrum texcoconense sp nov., a haloalkaliphilic archaeon isolated from soil of the former lake Texcoco (Mexico). Archives Of Microbiology. Volumen: 195 Número: 2 Páginas: 145-151. | https://doi.org/10.1007/s00203-012-0852-8 |
| 587 | 2013 | Barajas Aceves M, Rodríguez Vázquez R. Effects of organic amendments on the mobility of Pb and Zn from mine tailings added to semi-arid soils. Journal Of Environmental Science And Health Part B-Pesticides Food Contaminants And Agricultural. Volumen: 48 Número: 3 Páginas: 226-236. | https://doi.org/10.1080/03601234.2013.730345 |
| 588 | 2013 | Sathish Kumar K, Solorza Feria O, Poggi Varaldo HM. Anodic Bio-Electrochemical Process of Sodic-Saline Micro flora for Microbial Fuel Cells. Xxvii Congress Of The Mexican Society Of Electrochemistry/5Th Meeting Of The Ecs Mexican Section. Colección: ECS Transactions Volumen: 47 Número: 1 Páginas: 77-82. | https://doi.org/10.1149/04701.0077ecst |
| 589 | 2013 | Ruiz Valdiviezo VM, Aguilar Chavez A, Cardenas Aquino MR, Mendoza Urbina LD, Reynoso Martinez SC, Bautista Ceron A, Gutierrez Miceli FA, Montes Molina JA, Dendooven L. Greenhouse gas emissions from a soil cultivated with wheat (Triticum spp. L.) and amended with castor bean (Ricinus communis L.) or Jatropha curcas L. seed cake: A greenhouse experiment. Plant Soil And Environment. Volumen: 59 Número: 12 Páginas: 556-561. | https://doi.org/10.17221/368/2013-PSE |
| 590 | 2013 | Sepulveda Jauregui A, Hoyos Santillan J, Gutierrez Mendieta FJ, Torres Alvarado R, Dendooven L, Thalasso F. The impact of anthropogenic pollution on limnological characteristics of a subtropical highland reservoir "Lago de Guadalupe", Mexico. Knowledge And Management Of Aquatic Ecosystems. Número: 410 Número de artículo: 04. | https://doi.org/10.1051/kmae/2013059 |
| 591 | 2013 | Tapia Orozco N, Rodríguez Vázquez R. Photoactive TiO2 Films Formation by Drain Coating for Endosulfan Degradation. International Journal Of Photoenergy. Número de artículo: 560840. | https://doi.org/10.1155/2013/560840 |
| 592 | 2013 | Ruiz Valdiviezo VM, Mendoza Urbina LD, Luna Guido M, Gutierrez Miceli FA, Cardenas Aquino MR, Montes Molina JA, Dendooven L. Emission of CO2, CH4 and N2O and dynamics of mineral N in soils amended with castor bean (Ricinus communis L.) and pinon (Jatropha curcas L.) seed cake. Plant Soil And Environment. Volumen: 59 Número: 2 Páginas: 51-56. | https://doi.org/10.17221/363/2012-PSE |
| 593 | 2013 | Rendon Gandarilla FJ, Ramon Luing LD, Ortega Lopez J, de Andrade IR, Benchimol M, Arroyo R. The TvLEGU-1, a Legumain-Like Cysteine Proteinase, Plays a Key Role in Trichomonas vaginalis Cytoadherence. Biomed Research International. Número de artículo: 561979. | https://doi.org/10.1155/2013/561979 |
| 594 | 2013 | de la Cruz Perera CI, Ren DW, Blanchet M, Dendooven L, Marsch Moreno R, Sorensen SJ, Burmolle M. The ability of soil bacteria to receive the conjugative IncP1 plasmid, pKJK10, is different in a mixed community compared to single strains. Fems Microbiology Letters. Volumen: 338 Número: 1 Páginas: 95-100. | https://doi.org/10.1111/1574-6968.12036 |
| 595 | 2013 | Dendooven L, Patino Zuniga L, Verhulst N, Boden K, Garcia Gaytan A, Luna Guido M, Govaerts B. Greenhouse Gas Emissions from Nontilled, Permanent Raised, and Conventionally Tilled Beds in the Central Highlands of Mexico. Combating Climate Change: An Agricultural Perspective. Páginas: 283-304. | https://doi.org/10.1080/15427528.2014.924328 |
| 596 | 2012 | Perez Gutierrez RM, Flores Cotera LB, Neira Gonzalez AM. Evaluation of the Antioxidant and Anti-glication Effects of the Hexane Extract from Piper auritum Leaves in Vitro and Beneficial Activity on Oxidative Stress and Advanced Glycation End-Product-Mediated Renal Injury in Streptozotocin-Treated Diabetic Rats. Molecules. Volumen: 17 Páginas: 11897-11919. | https://doi.org/10.3390/molecules171011897 |
| 597 | 2012 | Poggi Varaldo HM, Barcenas Torres JD, Moreno Medina CU, Garcia Mena J, Garibay Orijel C, Rios Leal E, Rinderknecht Seijas N. Influence of discontinuing feeding degradable cosubstrate on the performance of a fluidized bed bioreactor treating a mixture of trichlorophenol and phenol. Journal Of Environmental Management. Volumen: 113 Páginas: 527-537. | https://doi.org/10.1016/j.jenvman.2012.03.015 |
| 598 | 2012 | Gomez Alvarez M, Poznyak T, Rios Leal E, Silva Sanchez C. Anthracene decomposition in soils by conventional ozonation. Journal Of Environmental Management. Volumen: 113 Páginas: 545-551. | https://doi.org/10.1016/j.jenvman.2012.03.017 |
| 599 | 2012 | Lopez Munoz GA, Balderas Lopez JA, Ortega Lopez J, Pescador Rojas JA, Salazar JS. Thermal diffusivity measurement for urchin-like gold nanofluids with different solvents, sizes and concentrations/shapes. Nanoscale Research Letters. Volumen: 7 Número de artículo: 667. | https://doi.org/10.1186/1556-276X-7-667 |
| 600 | 2012 | Figueroa Angulo EE, Rendon Gandarilla FJ, Puente Rivera J, Calla Choque JS, Cardenas Guerra RE, Ortega Lopez J, Quintas Granados LI, Alvarez Sanchez ME, Arroyo R. The effects of environmental factors on the virulence of Trichomonas vaginalis. Microbes And Infection. Volumen: 14 Número: 15 Páginas: 1411-1427. | https://doi.org/10.1016/j.micinf.2012.09.004 |
| 601 | 2012 | Escamilla Alvarado C, Rios Leal E, Ponce Noyola MT, Poggi Varaldo HM. Gas biofuels from solid substrate hydrogenogenic-methanogenic fermentation of the organic fraction of municipal solid waste. Process Biochemistry. Volumen: 47 Número: 11 Páginas: 1572-1587. | https://doi.org/10.1016/j.procbio.2011.12.006 |
| 602 | 2012 | Robles Gonzalez IV, Rios Leal E, Sastre Conde I, Fava F, Rinderknecht Seijas N, Poggi Varaldo HM. Slurry bioreactors with simultaneous electron acceptors for bioremediation of an agricultural soil polluted with lindane. Process Biochemistry. Volumen: 47 Número: 11 Páginas: 1640-1648. | https://doi.org/10.1016/j.procbio.2011.10.013 |
| 603 | 2012 | Paniagua Vega D, Cerda Garcia Rojas CM, Ponce Noyola MT, Ramos Valdivia AC. A New Monoterpenoid Oxindole Alkaloid from Hamelia patens Micropropagated Plantlets. Natural Product Communications. Volumen: 7 Número: 11 Páginas: 1441-1444. | https://pubmed.ncbi.nlm.nih.gov/23285803/ |
| 604 | 2012 | Figueroa Angulo EE, Estrella Hernandez P, Salgado Lugo H, Ochoa Leyva A, Puyou AG, Campos SS, Montero Moran G, Ortega Lopez J, Saab Rincon G, Arroyo R, Benitez Cardoza CG, Brieba LG. Cellular and biochemical characterization of two closely related triosephosphate isomerases from Trichomonas vaginalis. Parasitology. Volumen: 139 Número: 13 Páginas: 1729-1738. | https://doi.org/10.1017/S003118201200114X |
| 605 | 2012 | Nava Arenas I, Ruiz Ordaz N, Galindez Mayer J, Ramos Monroy O, Juarez Ramirez C, Curiel Quesada E, Poggi Varaldo HM. Acclimation of a microbial community to degrade a combination of organochlorine herbicides in a biofilm reactor. Environmental Engineering And Management Journal. Volumen: 11 Número: 10 Páginas: 1753-1761. | https://doi.org/10.30638/eemj.2012.218 |
| 606 | 2012 | Varo Arguello WE, Camacho Perez B, Rios Leal E, Vazquez Landaverde PA, Ponce Noyola MT, Barrera Cortes J, Sastre Conde I, Rindernknecht Seijas NF, Poggi Varaldo HM. Triphasic slurry bioreactors for the bioremediation of lindane-impacted soil under aerobic and anaerobic conditions. Environmental Engineering And Management Journal. Volumen: 11 Número: 10 Páginas: 1811-1823. | https://www.researchgate.net/publication/274079612_Triphasic_slurry_bioreactors_for_the_bioremediation_of_lindane-impacted_soil_under_aerobic_and_anaerobic_conditions |
| 607 | 2012 | Martinez Cruz K, Sepulveda Jauregui A, Escobar Orozco N, Thalasso F. Methanogenic activity tests by Infrared Tunable Diode Laser Absorption Spectroscopy. Journal Of Microbiological Methods. Volumen: 91 Número: 1 Páginas: 89-92. | https://doi.org/10.1016/j.mimet.2012.07.022 |
| 608 | 2012 | Garcia Rios V, Rios Leal E, Robledo D, Freile Pelegrin Y. Polysaccharides composition from tropical brown seaweeds. Phycological Research. Volumen: 60 Número: 4 Páginas: 305-315. | https://doi.org/https://doi.org/10.1111/j.1440-1835.2012.00661.x |
| 609 | 2012 | Nunez EV, Valenzuela Encinas C, Alcantara Hernandez RJ, Navarro Noya YE, Luna Guido M, Marsch Moreno R, Dendooven L. Modifications of bacterial populations in anthracene contaminated soil. Applied Soil Ecology. Volumen: 61 Número especial: SI Páginas: 113-126. | https://doi.org/10.1016/j.apsoi1.2012.04.005 |
| 610 | 2012 | Aguilar Chavez A, Diaz Rojas M, Cardenas Aquino MD, Dendooven L, Luna Guido M. Greenhouse gas emissions from a wastewater sludge-amended soil cultivated with wheat (Triticum spp. L.) as affected by different application rates of charcoal. Soil Biology & Biochemistry. Volumen: 52 Páginas: 90-95. | https://doi.org/10.1016/j.soilbio.2012.04.022 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 611 | 2012 | Antonio Perez A, Rivera Hernandez T, Aldaz-Martinez LM, Ortega Lopez J. Oxidative refolding of lysozyme assisted by DsbA, DsbC and the GroEL apical domain immobilized in cellulose. Biotechnology And Bioprocess Engineering. Volumen: 17 Número: 4 Páginas: 703-710. | https://doi.org/10.1007/s12257-011-0663-9 |
| 612 | 2012 | Espinosa Calderon A, Torres Pacheco I, Padilla Medina JA, Chavaro Ortiz RM, Xoconostle Cazares BG, Gomez Silva L, Ruiz Medrano R, Guevara Gonzalez RG. Relationship between leaf temperature and photosynthetic carbon in Capsicum annuum L. in controlled climates. Journal Of Scientific & Industrial Research. Volumen: 71 Número: 8 Páginas: 528-533. | https://www.researchgate.net/publication/282852511_Relationship_between_leaf_temperature_and_photosynthetic_carbon_in_Capsicum_annuum_L_in_controlled_climates |
| 613 | 2012 | Dendooven L, Gutierrez Oliva VF, Patino Zuniga L, Ramirez Villanueva DA, Verhulst N, Luna Guido M, Marsch Moreno R, Montes Molina J, Gutierrez Miceli FA, Vasquez Murrieta S, Govaerts B. Greenhouse gas emissions under conservation agriculture compared to traditional cultivation of maize in the central highlands of Mexico. Science Of The Total Environment. Volumen: 431 Páginas: 237-244. | https://doi.org/10.1016/j.scitotenv.2012.05.029 |
| 614 | 2012 | Lopez Munoz GA, Pescador Rojas JA, Ortega Lopez J, Salazar JS, Balderas Lopez JA. Thermal diffusivity measurement of spherical gold nanofluids of different sizes/concentrations. Nanoscale Research Letters. Volumen: 7 Número de artículo: 423. | https://doi.org/10.1186/1556-276X-7-423 |
| 615 | 2012 | Antonio Perez A, Ramon Luing LA, Ortega Lopez J . Chromatographic refolding of rhodanese and lysozyme assisted by the GroEL apical domain, DsbA and DsbC immobilized on cellulose. Journal Of Chromatography A. Volumen: 1248 Páginas: 122-129. | https://doi.org/10.1016/j.chroma.2012.05.086 |
| 616 | 2012 | Sepulveda Jauregui A, Martinez Cruz K, Strohm A, Anthony KMW, Thalasso F. A new method for field measurement of dissolved methane in water using infrared tunable diode laser absorption spectroscopy. Limnology And Oceanography-Methods. Volumen: 10 Páginas: 560-567. | https://doi.org/10.4319/lom.2012.10.560 |
| 617 | 2012 | Pena Caballero V, Lopez Perez PA, Neria Gonzalez MI, Aguilar Lopez R. A class of nonlinear adaptive controller for a continuous anaerobic bioreactor. Journal Of Scientific & Industrial Research. Volumen: 71 Número: 7 Páginas: 480-486. | https://www.researchgate.net/publication/265594985_A_class_of_nonlinear_adaptive_controller_for_continuous_anaerobic_bioreactor |
| 618 | 2012 | Sathish Kumar K, Solorza Feria O, Vazquez Huerta G, Luna Arias JP, Poggi Varaldo HM. Electrical Stress-directed Evolution offliocatalysts Community Sampled from A Sodic-saline Soil for Microbial Fuel Cells. Journal Of New Materials For Electrochemical Systems. Volumen: 15 Número: 3 Páginas: 181-186. | https://doi.org/10.14447/jnmes.v15i3.63 |
| 619 | 2012 | Ortega Martinez A, Juarez Lopez K, Solorza Feria O, Ponce Noyola MT, Rios Leal E, Rinderknecht Seijas NF, Poggi Varaldo HM. Parallel Connection and Sandwich Electrodes Lower the Internal Resistance in a Microbial Fuel Cell. Journal Of New Materials For Electrochemical Systems. Volumen: 15 Número: 3 Páginas: 187-194. | https://doi.org/10.14447/jnmes.v15i3.64 |
| 620 | 2012 | Sathish Kumar K, Solorza Feria O,Hernandez Vera R, Vazquez Huerta G, Poggi Varaldo HM. Comparison of Various Techniques to Characterize a Single Chamber Microbial Fuel Cell Loaded with Sulfate Reducing Biocatalysts. Journal Of New Materials For Electrochemical Systems. Volumen: 15 Número: 3 Páginas: 195-201. | https://www.researchgate.net/publication/224969428_Comparison_of_Various_Techniques_to_Characterize_a_Single_Chamber_Microbial_Fuel_Cell_Loaded_with_Sulfate_Reducing_Biocatalysts |
| 621 | 2012 | Aguilar Lopez R, Guerra RM, Machuca JLM. Temperature Control of Continuous Chemical Reactors Under Noisy Measurements and Model Uncertainties. Journal Of Applied Research And Technology. Volumen: 10 Número: 3 Páginas: 428-446. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-64232012000300012 |
| 622 | 2012 | Sathish Kumar K, Vazquez Huerta G, Rodriguez Castellanos A, Poggi Varaldo HM, Solorza Feria O. Microwave Assisted Synthesis and Characterizations of Decorated Activated Carbon. International Journal Of Electrochemical Science. Volumen: 7 Número: 6 Páginas: 5484-5494. | https://doi.org/10.1016/S1452-3981(23)19636-2 |
| 623 | 2012 | Fuentes M, Hidalgo C, Etchevers J, De Leon F, Guerrero A, Dendooven L, Verhulst N, Govaerts B. Conservation agriculture, increased organic carbon in the top-soil macro-aggregates and reduced soil CO2 emissions. Plant And Soil. Volumen: 355 Número: 1-2 Páginas: 183-197. | https://doi.org/10.1007/s11104-011-1092-4 |
| 624 | 2012 | Martinez Reyes M, Perez Moreno J, Villarreal Ruiz L, Ferrero Cerrato R, Xoconostle Cazares BG, Vargas Hernandez JJ, Honrubia Garcia M. Growth and nutrient contents of pinus greggii engelm. inoculated with the edible ectomycorrhizal mushroom Hebeloma mesophaeum (Pers.) Quel.. Revista Chapingo Serie Ciencias Forestales Y Del Ambiente. Volumen: 18 Número: 2 Páginas: 183-192. | https://www.researchgate.net/publication/278254142_GROWTH_AND_NUTRIENT_CONTENTS_OF_Pinus_greggii_Engelm_INOCULATED_WITH_THE_EDIBLE_ECTOMYCORRHIZAL_MUSHROOM_Hebeloma_mesophaeum_Pers_Quel |
| 625 | 2012 | Dendooven L, Patino Zuniga L, Verhulst N, Luna Guido M, Marsch Moreno R, Govaerts B. Global warming potential of agricultural systems with contrasting tillage and residue management in the central highlands of Mexico. Agriculture Ecosystems & Environment. Volumen: 152 Páginas: 50-58. | https://doi.org/10.1016/j.agee.2012.02.010 |
| 626 | 2012 | Andrade GIP, Duhalt RV, Rodríguez Vázquez R, Ramirez IEM, Alvarez JAL, Rincon JJ. Scanning electronic microscopy evidence of phenol-formaldehyde resins in biodegradation with ligninolitic fungi. Revista Internacional De Contaminacion Ambiental. Volumen: 28 Número: 2 Páginas: 159-166. | https://www.researchgate.net/publication/298425701_SCANNING_ELECTRONIC_MICROSCOPY_EVIDENCE_OF_PHENOL-FORMALDEHYDE_RESINS_IN_BIODEGRADATION_WITH_LIGNINOLITIC_FUNGI |
| 627 | 2012 | Lizardi Jimenez MA, Saucedo Castaneda G, Thalasso F, Gutierrez Rojas M. Simultaneous hexadecane and oxygen transfer rate on the production of an oil-degrading consortium in a three-phase airlift bioreactor. Chemical Engineering Journal. Volumen: 187 Páginas: 160-165. | https://doi.org/10.1016/j.cej.2012.01.114 |
| 628 | 2012 | Mata Machuca JL, Martinez Guerra R, Aguilar Lopez R, Aguilar Ibanez C. A chaotic system in synchronization and secure communications. Communications In Nonlinear Science And Numerical Simulation. Volumen: 17 Número: 4 Páginas: 1706-1713. | https://doi.org/10.1016/j.cnsns.2011.08.026 |
| 629 | 2012 | Lopez Fuentes E, Ruiz Valdiviezo VM, Martinez Romero E, Gutierrez Miceli FA, Dendooven L, Rincon Rosales R. Bacterial community in the roots and rhizosphere of Hypericum silenoides Juss. 1804. African Journal Of Microbiology Research. Volumen: 6 Número: 11 Páginas: 2704-2711. | https://doi.org/10.5897/AJMR11.1192 |
| 630 | 2012 | Gayosso Canales M, Rodríguez Vázquez R, Esparza Garcia FJ, Bermudez Cruz RM. PCBs stimulate laccase production and activity in Pleurotus ostreatus thus promoting their removal. Folia Microbiologica. Volumen: 57 Número: 2 Páginas: 149-158. | https://doi.org/10.1007/s12223-012-0106-9 |
| 631 | 2012 | Camacho Perez B, Rios Leal E, Rinderknecht Seijas N, Poggi Varaldo HM. Enzymes involved in the biodegradation of hexachlorocyclohexane: A mini review. Journal Of Environmental Management. Volumen: 95 Páginas: S306-S318. | https://doi.org/10.1016/j.jenvman.2011.06.047 |
| 632 | 2012 | Munoz Paez KM, Rios Leal E, Valdez Vazquez I, Rinderknecht Seijas N, Poggi Varaldo HM. Re-fermentation of washed spent solids from batch hydrogenogenic fermentation for additional production of biohydrogen from the organic fraction of municipal solid waste. Journal Of Environmental Management. Volumen: 95 Páginas: S355-S359. | https://doi.org/10.1016/j.jenvman.2011.01.017 |
| 633 | 2012 | Rojas Oropeza M, Fernandez FJ, Dendooven L, Cabirol N. Effect of methyl parathion on nitrous oxide production: A laboratory study. Journal Of Environmental Management. Volumen: 95 Páginas: S25-S30. | https://doi.org/10.1016/j.jenvman.2011.01.002 |
| 634 | 2012 | Robles Gonzalez V, Galindez Mayer J, Rinderknecht Seijas N, Poggi Varaldo HM. Treatment of mezcal vinasses: A review. Journal Of Biotechnology. Volumen: 157 Número: 4 Número especial: SI Páginas: 524-546. | https://doi.org/10.1016/j.jbiotec.2011.09.006 |
| 635 | 2012 | Gonzalez Cuello RE, Ramos Ramirez EG, Cruz Orea A, Salazar Montoya JA. Rheological characterization and activation energy values of binary mixtures of gellan. European Food Research And Technology. Volumen: 234 Número: 2 Páginas: 305-313. | https://doi.org/10.1007/s00217-011-1626-2 |
| 636 | 2012 | Lopez Luna J, Gonzalez Chavez MC, Esparza Garcia FJ, Rodríguez Vázquez R. Fractionation and availability of heavy metals in tannery sludge-amended soil and toxicity assessment on the fully-grown Phaseolus vulgaris cultivars. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 47 Número: 3 Páginas: 405-419. | https://doi.org/10.1080/10934529.2012.646121 |
| 637 | 2012 | de los Cobos Vasconcelos D, Ruiz Ordaz N, Galindez Mayer J, Poggi Varaldo HM, Juarez Ramirez C, Aaron LM. Aerobic biodegradation of a mixture of sulfonated azo dyes by a bacterial consortium immobilized in a two-stage sparged packed-bed biofilm reactor. Engineering In Life Sciences. Volumen: 12 Número: 1 Páginas: 39-48. | https://doi.org/10.1002/elsc.201000227 |
| 638 | 2012 | Barajas Aceves M, Camarillo Ravelo D, Juarez Sanchez F, Rodríguez Vázquez R. Lead and zinc distribution in brassica juncea and arid soil amended with mine tailings and bokashi. Fresenius Environmental Bulletin. Volumen: 21 Número: 9 Páginas: 2626-2637. | https://www.researchgate.net/publication/261759926_Lead_and_zinc_distribution_in_Brassica_juncea_and_arid_soil_amended_with_mine_tailings_and_Bokash |
| 639 | 2012 | Adriano MD, Gutierrez F, Dendooven L, Salvador Figueroa M. Influence of compost and liquid bioferment on the chemical and biological characteristics of soil cultivated with banana (Musa spp. L.). Journal Of Soil Science And Plant Nutrition. Volumen: 12 Número: 1 Páginas: 33-43. | https://doi.org/10.4067/S0718-95162012000100004 |
| 640 | 2012 | Lujan Hidalgo MC, Gutierrez Miceli FA, Ventura Canseco LMC, Dendooven L, Mendoza Lopez MR, Cruz Sanchez S, Garcia Barradas O, Abud Archila M. Chemical composition and antimicrobial activity of Bursera graveolens and Taxodium mucronatum essential oils from Chiapas, Mexico. Gayana Botanica. Volumen: 69 Número especial: SI Páginas: 7-14. | https://www.researchgate.net/publication/287447948_Chemical_composition_and_antimicrobial_activity_of_Bursera_graveolens_and_Taxodium_mucronatum_essential_oils_from_Chiapas_Mexico |
| 641 | 2012 | Verhulst N, Govaerts B, Sayre KD, Sonder K, Romero Perezgrovas R, Mezzalama M, Dendooven L. Conservation agriculture as a means to mitigate and adapt to climate change a case study from Mexico. Climate Change Mitigation And Agriculture. Páginas: 287-300. | https://hdl.handle.net/10568/42111 |

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Biotecnología
y Bioingeniería

# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 642 | 2012 | Salazar Montoya JA, Jimenez Avalos HA, Ramos Ramirez EG. Effects of gum arabic concentration and soy proteins on the flow and viscoelasticity of their dispersion. International Journal Of Food Properties. Volumen: 15 Número: 4 Páginas: 891-902. | https://doi.org/10.1080/10942912.2010.506099 |
| 643 | 2012 | Betancur Galvis LA, Carrillo H, Luna Guido M, Marsch Moreno R, Dendooven L. Enhanced dissipation of polycyclic aromatic hydrocarbons in the rhizosphere of the athel tamarisk (tamarix aphylla l. karst.) grown in saline-alkaline soils of the former lake texcoco. International Journal Of Phytoremediation. Volumen: 14 Número: 8 Páginas: 741-753. | https://doi.org/10.1080/15226510903535080 |
| 644 | 2012 | Suarez Sanchez J, Alatorre Rosas R, Poggi Varaldo HM, Barrera Cortes J. Effect of the inoculum size on the axenic in vitro production of Steinernema carpocapsae. Ciencia E Investigacion Agraria. Volumen: 39 Número: 1 Páginas: 137-145. | https://doi.org/10.4067/S0718-16202012000100011 |
| 645 | 2012 | Ventura Canseco LMC, Nunez JAM, Abud Archila M, Oliva Llaven MA, Dendooven L, Gutierrez Miceli FA. Sugarcane molasse and whey as additives in the silage of lemongrass (Cymbopogon citratus [DC.] Stapf) leaves. Chilean Journal Of Agricultural Research. Volumen: 72 Número: 1 Páginas: 87-91. | https://doi.org/10.4067/S0718-58392012000100014 |
| 646 | 2012 | Valenzuela Encinas C, Alcantara Hernandez R, Estrada Alvarado I, de la Serna FJZD, Dendooven L, Marsch Moreno R. The Archaeal Diversity and Population in a Drained Alkaline Saline Soil of the Former Lake Texcoco (Mexico). Geomicrobiology Journal. Volumen: 29 Número: 1 Páginas: 18-22. | https://doi.org/10.1080/01490451.2010.520075 |
| 647 | 2012 | Juarez Rodriguez J, Fernandez Luqueno F, Conde E, Reyes Varela V, Cervantes Santiago F, Botello Alvarez E, Cardenas Manriquez M, Dendooven L. Greenhouse gas emissions from an alkaline saline soil cultivated with maize (zea mays l.) and amended with anaerobically digested cow manure: a greenhouse experiment. Journal Of Plant Nutrition. Volumen: 35 Número: 4 Páginas: 511-523. | https://doi.org/10.1080/01904167.2012.644371 |
| 648 | 2012 | Ruiz Medrano R, Kragler F, Wolf S. Signaling and Phloem-Mobile Transcripts. Short And Long Distance Signaling. Colección: Advances in Plant Biology Volumen: 3 Páginas: 151-177. | https://doi.org/10.1007/978-1-4419-1532-0_7 |
| 649 | 2012 | Pavon Orozco P, Santiago Hernandez A, Rosengren A, Hidalgo Lara ME, Stalbrand H. The family II carbohydrate-binding module of xylanase CflXyn11A from Cellulomonas flavigena increases the synergy with cellulase TrCel7B from Trichoderma reesei during the hydrolysis of sugar cane bagasse. Bioresource Technology. Volumen: 104 Páginas: 622-630. | https://doi.org/10.1016/j.biortech.2011.11.068 |
| 650 | 2012 | Ordaz A, Oliveira CS, Quijano G, Ferreira EC, Alves M, Thalasso F. Kinetic and stoichiometric characterization of a fixed biofilm reactor by pulse respirometry. Journal Of Biotechnology. Volumen: 157 Número: 1 Páginas: 173-179. | https://doi.org/10.1016/j.jbiotec.2011.10.015 |
| 651 | 2012 | Gomez Luna BE, Ruiz Aguilar GMD, Vazquez Marrufo G, Dendooven L, Olalde Portugal V. Enzyme activities and metabolic profiles of soil microorganisms at KILN sites in Quercus spp. temperate forests of central Mexico. Applied Soil Ecology. Volumen: 52 Páginas: 48-55. | https://doi.org/10.1016/j.apsoil.2011.10.010 |
| 652 | 2012 | Barbachano Torres A, Ramos Valdivia AC, Cerda Garcia Rojas CM, Salgado Rodriguez LM, Flores Ortiz C, Ponce Noyola MT. Carotenogenesis induction with hydrogen peroxide in Xanthophyllomyces dendrorhous colored mutants. Microbes In Applied Research: Current Advances And Challenges. Páginas: 598-602. | https://doi.org/10.1142/9789814405041_0122 |
| 653 | 2011 | Soto JLM, Gonzalez JV, Nicanor AB, Ramos Ramirez EG. Enzymatic production of high fructose syrup from Agave tequilana fructans and its physicochemical characterization. African Journal Of Biotechnology. Volumen: 10 Número: 82 Páginas: 19137-19143. | https://doi.org/10.5897/AJB11.2704 |
| 654 | 2011 | Lopez Valdez F, Fernandez Luqueno F, Luna Suarez S, Dendooven L. Greenhouse gas emissions and plant characteristics from soil cultivated with sunflower (Helianthus annuus L.) and amended with organic or inorganic fertilizers. Science Of The Total Environment. Volumen: 412 Páginas: 257-264. | https://doi.org/10.1016/j.scitotenv.2011.09.064 |
| 655 | 2011 | Oliveira CS, Ordaz A, Ferreira EC, Alves M, Thalasso F. In situ pulse respirometric methods for the estimation of kinetic and stoichiometric parameters in aerobic microbial communities. Biochemical Engineering Journal. Volumen: 58-59 Páginas: 12-19. | https://doi.org/10.1016/j.bej.2011.08.001 |
| 656 | 2011 | Gonzalez Chavez MDA, Ortega Larrocea MD, Carrillo Gonzalez R, Lopez Meyer M, Xoconostle Cazares BG, Gomez SK, Harrison MJ, Figueroa Lopez AM, Maldonado Mendoza IE. Arsenate induces the expression of fungal genes involved in As transport in arbuscular mycorrhiza. Fungal Biology. Volumen: 115 Número: 12 Páginas: 1197-1209. | https://doi.org/10.1016/j.funbio.2011.08.005 |
| 657 | 2011 | Meza Cervantez P, Gonzalez Robles A, Cardenas Guerra RE, Ortega Lopez J, Saavedra E, Pineda E, Arroyo R. Pyruvate: ferredoxin oxidoreductase (PFO) is a surface-associated cell-binding protein in Trichomonas vaginalis and is involved in trichomonal adherence to host cells. Microbiology-Sgm. Volumen: 157 Páginas: 3469-3482. | https://doi.org/10.1099/mic.0.053033-0 |
| 658 | 2011 | Vergara Porras B, Gracida Rodriguez JN, Pérez Guevara F. Morphology of Penicillium funiculosum During Biodegradation of Poly (beta-hydroxybutyrate-co-beta-hydroxyvalerate) [PHBV] with Poly (epsilon-Caprolactone) [PCL] Blends. Journal Of Polymers And The Environment. Volumen: 19 Número: 4 Páginas: 834-840. | https://doi.org/10.1007/s10924-011-0367-4 |
| 659 | 2011 | Jimenez Garcia G, Aguilar Lopez R, Maya Yescas R. The fluidized-bed catalytic cracking unit building its future environment. Fuel. Volumen: 90 Número: 12 Páginas: 3531-3541. | https://doi.org/10.1016/j.fuel.2011.03.045 |
| 660 | 2011 | Mota Fernandez S, Alvarez Solis JD, Abud Archila M, Dendooven L, Gutierrez Miceli FA. Effect of arbuscular mycorrhizal fungi and phosphorus concentration on plant growth and phenols in micropropagated Aloe vera L. plantlets. Journal Of Medicinal Plants Research. Volumen: 5 Número: 27 Páginas: 6260-6266. | https://doi.org/10.5897/JMPR11.271 |
| 661 | 2011 | Leon Anzueto E, Abud Archila M, Dendooven L, Ventura Canseco LMC, Gutierrez Miceli FA. Effect of vermicompost, worm-bed leachate and arbuscular mycorrizal fungi on lemongrass (Cymbopogon citratus (DC) Stapf.) growth and composition of its essential oil. Electronic Journal Of Biotechnology. Volumen: 14 Número: 6 Número de artículo: 9. | https://doi.org/10.2225/vol14-issue6-fulltext-9 |
| 662 | 2011 | Rodriguez V, Valdez Perez MD, Luna Guido M, Ceballos Ramirez JM, Franco Hernandez O, van Cleemput O, Marsch Moreno R, Thalasso F, Dendooven L. Emission of nitrous oxide and carbon dioxide and dynamics of mineral N in wastewater sludge, vermicompost or inorganic fertilizer amended soil at different water contents: A laboratory study. Applied Soil Ecology. Volumen: 49 Páginas: 263-267. | https://doi.org/10.1016/j.apsoil.2011.06.009 |
| 663 | 2011 | Blanco Jarvio A, Chavez Lopez C, Luna Guido M, Dendooven L, Cabirol N. Denitrification in a chinampa soil of Mexico City as affected by methylparathion: A laboratory study. European Journal Of Soil Biology. Volumen: 47 Número: 5 Páginas: 271-278. | https://doi.org/10.1016/j.ejsobi.2011.06.003 |
| 664 | 2011 | Martinez Toledo A, Rodríguez Vázquez R. Response surface methodology (Box-Behnken) to improve a liquid media formulation to produce biosurfactant and phenanthrene removal by Pseudomonas putida. Annals Of Microbiology. Volumen: 61 Número: 3 Páginas: 605-613. | https://doi.org/10.1007/s13213-010-0179-0 |
| 665 | 2011 | Martinez Valencia BB, Abud Archila M, Ruiz Cabrera MA, Grajales Lagunes A, Dendooven L, Ovando Chacon SL, Gutierrez Miceli FA. Pulsed vacuum osmotic dehydration kinetics of melon (Cucumis melo L.) var. cantaloupe. African Journal Of Agricultural Research. Volumen: 6 Número: 15 Páginas: 3588-3596. | https://www.researchgate.net/publication/281925178_Pulsed_vacuum_osmotic_dehydration_kinetics_of_melon_Cucumis_melo_L_var_cantaloupe |
| 666 | 2011 | Mata Machuca JL, Martinez Guerra R, Aguilar Lopez R. Differential algebraic estimator for the monitoring of a class of partially known bioreactor models. Revista Mexicana De Ingenieria Quimica. Volumen: 10 Número: 2 Páginas: 313-320. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382011000200015 |
| 667 | 2011 | Garcia Gutierrez K, Poggy Varaldo HM, Esparza Garcia FJ, Ibarra Rendon J, Barrera Cortes J. Small microcapsules of crystal proteins and spores of Bacillus thuringiensis by an emulsification/internal gelation method. Bioprocess And Biosystems Engineering. Volumen: 34 Número: 6 Páginas: 701-708. | https://doi.org/10.1007/s00449-011-0519-x |
| 668 | 2011 | Ordaz A, Oliveira CS, Alba J, Carrion M, Thalasso F. Determination of apparent kinetic and stoichiometric parameters in a nitrifying fixed-bed reactor by in situ pulse respirometry. Biochemical Engineering Journal. Volumen: 55 Número: 2 Páginas: 123-130. | https://doi.org/10.1016/j.bej.2011.03.015 |
| 669 | 2011 | Chavez Lopez C, Blanco Jarvio A, Luna Guido M, Dendooven L, Cabirol N. Removal of methyl parathion from a chinampa agricultural soil of Xochimilco Mexico: A laboratory study. European Journal Of Soil Biology. Volumen: 47 Número: 4 Páginas: 264-269. | https://doi.org/10.1016/j.ejsobi.2011.06.001 |
| 670 | 2011 | Ruiz Medrano R, Xoconostle Cazares BG, Ham BK, Li G, Lucas WJ. Vascular expression in Arabidopsis is predicted by the frequency of CT/GA-rich repeats in gene promoters. Plant Journal. Volumen: 67 Número: 1 Páginas: 130-144. | https://doi.org/10.1111/j.1365-313X.2011.04581.x |
| 671 | 2011 | Rios Iribe EY, Flores Cotera LB, Chavira MMG, Gonzalez Alatorre G, Escamilla Silva EM. Inductive effect produced by a mixture of carbon source in the production of gibberellic acid by Gibberella fujikuroi. World Journal Of Microbiology & Biotechnology. Volumen: 27 Número: 6 Páginas: 1499-1505. | https://doi.org/10.1007/s11274-010-0603-4 |
| 672 | 2011 | Valdez Perez MA, Fernandez Luqueno F, Franco Hernandez O, Flores Cotera LB, Dendooven L. Cultivation of beans (Phaseolus vulgaris L.) in limed or unlimed wastewater sludge, vermicompost or inorganic amended soil. Scientia Horticulturae. Volumen: 128 Número: 4 Páginas: 380-387. | https://doi.org/10.1016/j.scienta.2011.01.016 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 673 | 2011 | Lopez Valdez F, Fernandez Luqueno F, Ceballos Ramirez JM, Marsch Moreno R, Olalde Portugal V, Dendooven L. A strain of Bacillus subtilis stimulates sunflower growth (Helianthus annuus L.) temporarily. Scientia Horticulturae. Volumen: 128 Número: 4 Páginas: 499-505. | https://doi.org/10.1016/j.scienta.2011.02.006 |
| 674 | 2011 | Vazquez Larios AL, Solorza Feria O, Vazquez Huerta G, Esparza Garcia FJ, Rinderknecht Seijas N, Poggi Varaldo HM. Effects of architectural changes and inoculum type on internal resistance of a microbial fuel cell designed for the treatment of leachates from the dark hydrogenogenic fermentation of organic solid wastes. International Journal Of Hydrogen Energy. Volumen: 36 Número: 10 Páginas: 6199-6209. | https://doi.org/10.1016/j.ijhydene.2011.01.006 |
| 675 | 2011 | Vazquez Larios AL, Solorza Feria O, Vazquez Huerta G, Rios Leal E, Rinderknecht Seijas N, Poggi Varaldo HM. Internal Resistance and performance of Microbial Fuel Cells: Influence of Cell Configuration and Temperature. Journal Of New Materials For Electrochemical Systems. Volumen: 14 Número: 2 Número especial: SI Páginas: 99-105. | https://www.researchgate.net/publication/288104406_Internal_Resistance_and_performance_of_Microbial_Fuel_Cells_Influence_of_Cell_Configuration_and_Temperature |
| 676 | 2011 | Mata Machuca JL, Martinez Guerra R, Aguilar Lopez R. Chaotic Systems Synchronization Via High Order Observer Design. Journal Of Applied Research And Technology. Volumen: 9 Número: 1 Páginas: 57-68. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-64232011000100005 |
| 677 | 2011 | Neria Gonzalez MI, Figueroa Estrada JC, Cruz Diaz MR, Aguilar Lopez R. Adaptive smooth observer design for state estimation in desulfovibrio alaskensis 6sr cultures. Revista Mexicana De Ingenieria Quimica. Volumen: 10 Número: 1 Páginas: 137-146. | https://www.researchgate.net/publication/289119315_Adaptive_smooth_observer_design_for_state_estimation_in_Desulfovibrio_alaskensis_6SR_cultures |
| 678 | 2011 | Cano Medina A, Jimenez Islas H, Dendooven L, Herrera RP, Gonzalez Alatorre G, Escamilla Silva EM. Emulsifying and foaming capacity and emulsion and foam stability of sesame protein concentrates. Food Research International. Volumen: 44 Número: 3 Páginas: 684-692. | https://doi.org/10.1016/j.foodres.2010.12.015 |
| 679 | 2011 | Guzman Colis G, Thalasso F, Ramirez Lopez EM, Rodriguez Narciso S, Guerrero Barrera AL, Avelar Gonzalez FJ. Spatial-temporal evaluation of the water quality of the san pedro river in aguascalientes, Mexico. Revista Internacional De Contaminacion Ambiental. Volumen: 27 Número: 2 Páginas: 89-102. | https://www.researchgate.net/publication/298412795_SPATIAL-TEMPORAL_EVALUATION_OF_THE_WATER_QUALITY_OF_THE_SAN_PEDRO_RIVER_IN_AGUASCALIENTES_MEXICO |
| 680 | 2011 | Velazquez Aradillas JC, Toribio Jimenez J, Gonzalez Chavez MDA, Bautista F, Cebrian ME, Esparza Garcia FJ, Rodríguez Vázquez R. Characterisation of a biosurfactant produced by a Bacillus cereus strain tolerant to cadmium and isolated from green coffee grain. World Journal Of Microbiology & Biotechnology. Volumen: 27 Número: 4 Páginas: 907-913. | https://doi.org/10.1007/s11274-010-0533-1 |
| 681 | 2011 | Renteria Canett I, Xoconostle Cazares BG, Ruiz Medrano R, Rivera Bustamante RF. Geminivirus mixed infection on pepper plants: Synergistic interaction between PHYVV and PepGMV. Virology Journal. Volumen: 8 Número de artículo: 104. | https://doi.org/10.1186/1743-422X-8-104 |
| 682 | 2011 | Santiago Urbina JA, Ventura Canseco LMC, Ayora Talavera TD, Ovando Chacon SL, Dendooven L, Gutierrez Miceli FA, Abud Archila M. Optimization of ethanol production from mango pulp using yeast strains isolated from "taberna": A Mexican fermented beverage. African Journal Of Microbiology Research. Volumen: 5 Número: 5 Páginas: 501-508. | https://academicjournals.org/journal/AJMR/article-full-text-pdf/C76DE1016672 |
| 683 | 2011 | Moreno Medina CU, Breton Deval LD, Rios Leal E, Barrera Cortes J, Rinderknecht Seijas N, Poggi Varaldo HM. Perchloroethylene solubilization with a non-ionic tensoactive. Interciencia. Volumen: 36 Número: 3 Páginas: 224-228. | https://www.scopus.com/record/display.uri?eid=2-s2.0-79952844753&origin=inward&txGid=eefbdc69d8551650930e2022db8fb9fa |
| 684 | 2011 | Rivera Orduna FN, Suarez Sanchez RA, Flores Bustamante ZR, Gracida Rodriguez JN, Flores Cotera LB. Diversity of endophytic fungi of Taxus globosa (Mexican yew). Fungal Diversity. Volumen: 47 Número: 1 Páginas: 65-74. | https://doi.org/10.1007/s13225-010-0045-1 |
| 685 | 2011 | Rocha Rios J, Quijano G, Thalasso F, Revah S, Munoz R. Methane biodegradation in a two-phase partition internal loop airlift reactor with gas recirculation. Journal Of Chemical Technology And Biotechnology. Volumen: 86 Número: 3 Páginas: 353-360. | https://doi.org/10.1002/jctb.2523 |
| 686 | 2011 | Gayosso Canales M, Esparza Garcia FJ, Bermudez Cruz RM, Tomasini A, Ruiz Aguilar GML, Rodríguez Vázquez R. Application of 2(III)(7-3) fractional factorial experimental design to enhance enzymatic activities of Pleurotus ostreatus with high concentrations of polychlorinated biphenyls. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 46 Número: 3 Páginas: 298-305. | https://doi.org/10.1080/10934529.2011.539095 |
| 687 | 2011 | Serrano Silva N, Luna Guido M, Fernandez Luqueno F, Marsch Moreno R, Dendooven L. Emission of greenhouse gases from an agricultural soil amended with urea: A laboratory study. Applied Soil Ecology. Volumen: 47 Número: 2 Páginas: 92-97. | https://doi.org/10.1016/j.apsoil.2010.11.012 |
| 688 | 2011 | Soca Chafre G, Rivera Orduna FN, Hidalgo Lara ME, Hernandez Rodriguez C, Marsch Moreno R, Flores Cotera LB. Molecular phylogeny and paclitaxel screening of fungal endophytes from Taxus globosa. Fungal Biology. Volumen: 115 Número: 2 Páginas: 143-156. | https://doi.org/10.1016/j.funbio.2010.11.004 |
| 689 | 2011 | Garcia Torres R, Rios Leal E, Martinez Toledo A, Ramos Morales FR, Cruz Sanchez JS, Cuevas Diaz MD. Use of cachaza and sugarcane bagasse sugar in the removal of hydrocarbons in contaminated soil. Revista Internacional De Contaminacion Ambiental. Volumen: 27 Número: 1 Páginas: 31-39. | https://www.researchgate.net/publication/290390852_USE_OF_CACHAZA_AND_SUGARCANE_BAGASSE_SUGAR_IN_THE_REMOVAL_OF_HYDROCARBONS_IN_CONTAMINATED_SOIL |
| 690 | 2011 | Arroyo Figueroa G, Ruiz Aguilar GML, Lopez Martinez L, Gonzalez Sanchez G, Cuevas Rodriguez G, Rodríguez Vázquez R. Treatment of a Textile Effluent from Dyeing with Cochineal Extracts using Trametes versicolor Fungus. Thescientificworldjournal. Volumen: 11 Páginas: 1005-1016. | https://doi.org/10.1100/tsw.2011.99 |
| 691 | 2011 | Gutierrez Miceli FA, Llaven MAO, Nazar PM, Sesma BR, Alvarez Solis JD, Dendooven L. Optimization of vermicompost and worm-bed leachate for the organic cultivation of radish. Journal Of Plant Nutrition. Volumen: 34 Número: 9-11 Páginas: 1642-1653. | https://doi.org/10.1080/01904167.2011.592561 |
| 692 | 2011 | Lizardi Jimenez MA, Saucedo Castaneda G, Thalasso F, Gutierrez Rojas M. Dynamic Technique to Determine Hexadecane Transfer Rate from Organic Phase to Aqueous Phase in a Three-Phase Bioreactor. International Journal Of Chemical Reactor Engineering. Volumen: 9 Número de artículo: S3. | https://doi.org/10.2202/1542-6580.2443 |
| 693 | 2011 | Martinez Guerra R, Mata Machuca JL, Aguilar Lopez R, Rodriguez Bollain A. Chaotic Synchronization and Its Applications in Secure Communications. Applications Of Chaos And Nonlinear Dynamics In Engineering, Vol 1. Colección: Understanding Complex Systems Springer Complexity Páginas: 231-271. | https://doi.org/10.1007/978-3-642-21922-1_8 |
| 694 | 2011 | Aguilar Lopez R, Femat R, Martinez Guerra R. Importance of Chaos Synchronization on Technology and Science. Chaos Synchronization And Cryptography For Secure Communications: Applications For Encryption. Páginas: 210-246. | https://doi.org/10.4018/978-1-61520-737-4.ch010 |
| 695 | 2011 | Fernandez Luqueno F, Valenzuela Encinas C, Marsch Moreno R, Martinez Suarez C, Vazquez Nunez E, Dendooven L. Microbial communities to mitigate contamination of PAHs in soil-possibilities and challenges: a review. Environmental Science And Pollution Research. Volumen: 18 Número: 1 Páginas: 12-30. | https://doi.org/10.1007/s11356-010-0371-6 |
| 696 | 2011 | Rincon Rosales R, Ruiz Valdiviezo VM, Montes Molina JA, Gutierrez Miceli FA, Dendooven L. Aluminium tolerance in the tropical leguminous N-2-fixing shrub Acaciella angustissima (Mill.) Britton & Rose inoculated with Sinorhizobium mexicanum. Gayana Botanica. Volumen: 68 Número: 2 Páginas: 188-195. | https://doi.org/10.4067/S0717-66432011000200009 |
| 697 | 2011 | Lopez Cuellar MR, Alba Flores J, Rodriguez JNG, Pérez Guevara F. Production of polyhydroxyalkanoates (PHAs) with canola oil as carbon source. International Journal Of Biological Macromolecules. Volumen: 48 Número: 1 Páginas: 74-80. | https://doi.org/10.1016/j.ijbiomac.2010.09.016 |
| 698 | 2011 | Rojas Rejon OA, Poggi Varaldo HM, Ramos Valdivia AC, Martinez Jimenez A, Cristiani Urbina E, Martinez MD, Ponce Noyola MT. Production of cellulases and xylanases under catabolic repression conditions from mutant PR-22 of Cellulomonas flavigena. Journal Of Industrial Microbiology & Biotechnology. Volumen: 38 Número: 1 Páginas: 257-264. | https://doi.org/10.1007/s10295-010-0821-7 |
| 699 | 2011 | Cortes Espinosa DV, Absalon AE, Sanchez N, Loera O, Rodríguez Vázquez R, Fernandez FJ. Heterologous Expression of Manganese Peroxidase in Aspergillus niger and Its Effect on Phenanthrene Removal from Soil. Journal Of Molecular Microbiology And Biotechnology. Volumen: 21 Número: 3-4 Páginas: 120-129. | https://doi.org/10.1159/000331563 |
| 700 | 2011 | Kumar KS, Solorza Feria O, Vazquez Huerta G, Luna Arias JP, Poggi Varaldo HM. Electrical Stress-Directed Evolution of Biocatalyst Texcoco Soil Community for Microbial Fuel Cell. Mes 26: Electrochemistry As A Tool For Sustainable Development. Colección: ECS Transactions Volumen: 36 Número: 1 Páginas: 3-11. | https://doi.org/10.1149/1.3660593 |
| 701 | 2011 | Dendooven L, Alvarez Bernal D, Contreras Ramos SM. Earthworms, a means to accelerate removal of hydrocarbons (PAHs) from soil? A mini-review. Pedobiologia. Volumen: 54 Páginas: S187-S192. | https://doi.org/10.1016/j.pedobi.2011.08.006 |
| 702 | 2011 | Dendooven L. Possible Uses of Wastewater Sludge to Remediate Hydrocarbon-Contaminated Soil. Waste Water - Treatment And Reutilization. Páginas: 353-360. | |
| 703 | 2010 | Mata Machuca JL, Martinez Guerra R, Aguilar Lopez R. An exponential polynomial observer for synchronization of chaotic systems. Communications In Nonlinear Science And Numerical Simulation. Volumen: 15 Número: 12 Páginas: 4114-4130. | https://doi.org/10.1016/j.cnsns.2010.01.040 |
| 704 | 2010 | Ruiz Sanchez J, Flores Bustamante ZR, Dendooven L, Favela Torres E, Soca Chafre G, Galindez Mayer J, Flores Cotera LB. A comparative study of Taxol production in liquid and solid-state fermentation with Nigrospora sp a fungus isolated from Taxus globosa. Journal Of Applied Microbiology. Volumen: 109 Número: 6 Páginas: 2144-2150. | https://doi.org/10.1111/j.1365-2672.2010.04846.x |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 705 | 2010 | Alcantara Hernandez RJ, Rodriguez Alvarez JA, Valenzuela Encinas C, Gutierrez Miceli FA, Castanon Gonzalez H, Marsch Moreno R, Ayora Talavera T, Dendooven L. The bacterial community in 'taberna' a traditional beverage of Southern Mexico. Letters In Applied Microbiology. Volumen: 51 Número: 5 Páginas: 558-563. | https://doi.org/10.1111/j.1472-765X.2010.02934.x |
| 706 | 2010 | Quijano G, Chavez Avila R, Munoz R, Thalasso F, Ordaz A. K(L)a measurement in two-phase partitioning bioreactors: new insights on potential errors at low power input. Journal Of Chemical Technology And Biotechnology. Volumen: 85 Número: 10 Páginas: 1407-1412. | https://doi.org/10.1002/jctb.2460 |
| 707 | 2010 | Mendez Bautista J, Fernandez Luqueno F, Lopez Valdez F, Mendoza Cristino R, Montes Molina JA, Gutierrez Miceli FA, Dendooven L. Effect of pest controlling neem and mata-raton leaf extracts on greenhouse gas emissions from urea-amended soil cultivated with beans: A greenhouse experiment. Science Of The Total Environment. Volumen: 408 Número: 21 Páginas: 4961-4968. | https://doi.org/10.1016/j.scitotenv.2010.07.024 |
| 708 | 2010 | Morales Fonseca D, Ruiz Tovar K, Martinez Salgado MM, Soto Guzman AB, Falcony Guajardo C, Rodríguez Vázquez R, Pedroza Rodriguez AM. Development of a laminar bioadsorbent with hypertolerant Phanerochaete chrysosporium to Cd, Ni and Pb for wastewater treatment. Revista Iberoamericana De Micologia. Volumen: 27 Número: 3 Páginas: 111-118. | https://doi.org/10.1016/j.riam.2010.02.002 |
| 709 | 2010 | Ponce Mendoza A, Ceballos Ramirez JM, Gutierrez Micelli F, Dendooven L. Emission of nitrous oxide and carbon dioxide from semi-arid tropical soils in chiapas Mexico. Revista Brasileira De Ciencia Do Solo. Volumen: 34 Número: 5 Páginas: 1617-1628. | https://doi.org/10.1590/S0100-06832010000500015 |
| 710 | 2010 | Ruiz Valdiviezo VM, Luna Guido M, Galzy A, Gutierrez Miceli FA, Dendooven L. Greenhouse gas emissions and C and N mineralization in soils of Chiapas (Mexico) amended with leaves of Jatropha curcas L. Applied Soil Ecology. Volumen: 46 Número: 1 Páginas: 17-25. | https://doi.org/10.1016/j.apsoil.2010.06.002 |
| 711 | 2010 | Coutino Gonzalez E, Hernandez Carlos B, Gutierrez Ortiz R, Dendooven L. The earthworm Eisenia fetida accelerates the removal of anthracene and 9, 10-anthraquinone, the most abundant degradation product, in soil. International Biodeterioration & Biodegradation. Volumen: 64 Número: 6 Páginas: 525-529. | https://doi.org/10.1016/j.ibiod.2010.05.002 |
| 712 | 2010 | Aguilar Ibanez C, Martinez Guerra R, Aguilar Lopez R, Mata Machuca JL. Synchronization and parameter estimations of an uncertain Rikitake system. Physics Letters A. Volumen: 374 Número: 35 Páginas: 3625-3628. | https://doi.org/10.1016/j.physleta.2010.06.056 |
| 713 | 2010 | Hernandez M, Quijano G, Thalasso F, Dangulis AJ, Villaverde S, Munoz R. A Comparative Study of Solid and Liquid Non-Aqueous Phases for the Biodegradation of Hexane in Two-Phase Partitioning Bioreactors. Biotechnology And Bioengineering. Volumen: 106 Número: 5 Páginas: 731-740. | https://doi.org/10.1002/bit.22748 |
| 714 | 2010 | Flores Bustamante ZR, Rivera Orduna FN, Martinez Cardenas A, Flores Cotera LB. Microbial paclitaxel: advances and perspectives. Journal Of Antibiotics. Volumen: 63 Número: 8 Páginas: 460-467. | https://doi.org/10.1038/ja.2010.83 |
| 715 | 2010 | Aguilar Lopez R, Pena Caballero V, Neria Gonzalez MI. Control of a Class of Sulfate Reducing Chemostat Via Feedback Polynomial Injection. Journal Of Applied Research And Technology. Volumen: 8 Número: 2 Páginas: 274-287. | https://doi.org/10.22201/icat.16656423.2010.8.02.482 |
| 716 | 2010 | Perez Armendariz B, Martinez Carrera D, Calixto Mosqueda M, Alba J, Rodríguez Vázquez R. Filamentous fungi remove weathered hydrocarbons from polluted soil of tropical Mexico. Revista Internacional De Contaminacion Ambiental. Volumen: 26 Número: 3 Páginas: 193-199. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0188-49992010000300002 |
| 717 | 2010 | Lopez Valdez F, Fernandez Luqueno F, Luna Guido ML, Marsch Moreno R, Olalde Portugal V, Dendooven L. Microorganisms in sewage sludge added to an extreme alkaline saline soil affect carbon and nitrogen dynamics. Applied Soil Ecology. Volumen: 45 Número: 3 Páginas: 225-231. | https://doi.org/10.1016/j.apsoil.2010.04.009 |
| 718 | 2010 | Amaya Delgado L, Mejia Castillo T, Santiago Hernandez A, Vega Estrada J, Amelia FGS, Xoconostle Cazares BG, Ruiz Medrano R, Montes Horcasitas MC, Hidalgo Lara ME. Cloning and expression of a novel, moderately thermostable xylanase-encoding gene (Cfl xyn11A) from Cellulomonas flavigena. Bioresource Technology. Volumen: 101 Número: 14 Páginas: 5539-5545. | https://doi.org/10.1016/j.biortech.2010.02.057 |
| 719 | 2010 | Vazquez Larios AL, Solorza Feria O, Vazquez Huerta G, Esparza Garcia FJ, Rios Leal E, Rinderknecht Seijas N, Poggi Varaldo HM. A New Design Improves Performance of a Single Chamber Microbial Fuel Cell. Journal Of New Materials For Electrochemical Systems. Volumen: 13 Número: 3 Número especial: SI Páginas: 219-226. | https://doi.org/10.14447/jnmes.v13i3.162 |
| 720 | 2010 | Ceja Navarro JA, Rivera Orduna FN, Patino Zuniga L, Vila Sanjurjo A, Crossa J, Govaerts B, Dendooven L. Phylogenetic and Multivariate Analyses To Determine the Effects of Different Tillage and Residue Management Practices on Soil Bacterial Communities. Applied And Environmental Microbiology. Volumen: 76 Número: 11 Páginas: 3685-3691. | https://doi.org/10.1128/AEM.02726-09 |
| 721 | 2010 | Rodriguez Meza M, Chavez Gomez B, Poggi Varaldo HM, Rios Leal E, Barrera Cortes J. Design of a new rotating drum bioreactor operated at atmospheric pressure on the bioremediation of a polluted soil. Bioprocess And Biosystems Engineering. Volumen: 33 Número: 5 Páginas: 573-582. | https://doi.org/10.1007/s00449-009-0383-0 |
| 722 | 2010 | Franco Hernandez MO, Vasquez Murrieta MS, Patino Siciliano A, Dendooven L. Heavy metals concentration in plants growing on mine tailings in Central Mexico. Bioresource Technology. Volumen: 101 Número: 11 Páginas: 3864-3869. | https://doi.org/10.1016/j.biortech.2010.01.013 |
| 723 | 2010 | Fernandez Luqueno F, Reyes Varela V, Cervantes Santiago F, Gomez Juarez C, Santillan Arias A, Dendooven L. Emissions of carbon dioxide, methane and nitrous oxide from soil receiving urban wastewater for maize (Zea mays L.) cultivation. Plant And Soil. Volumen: 331 Número: 1-2 Páginas: 203-215. | https://doi.org/10.1007/s11104-009-0246-0 |
| 724 | 2010 | Dendooven L, Alcantara Hernandez RJ, Valenzuela Encinas C, Luna Guido M, Pérez Guevara F, Marsch Moreno R. Dynamics of carbon and nitrogen in an extreme alkaline saline soil: A review. Soil Biology & Biochemistry. Volumen: 42 Número: 6 Páginas: 865-877. | https://doi.org/10.1016/j.soilbio.2010.02.014 |
| 725 | 2010 | Ortega Larrocea MD, Xoconostle Cazares BG, Maldonado Mendoza IE, Carrillo Gonzalez R, Hernandez Hernandez J, Garduno MD, Lopez Meyer M, Gomez Flores L, Gonzalez Chavez MDA. Plant and fungal biodiversity from metal mine wastes under remediation at Zimapan, Hidalgo, Mexico. Environmental Pollution. Volumen: 158 Número: 5 Páginas: 1922-1931. | https://doi.org/10.1016/j.envpol.2009.10.034 |
| 726 | 2010 | Rojas Oropeza M, Dendooven L, Garza Avendano L, Souza V, Philippot L, Cabirol N. Effects of biosolids application on nitrogen dynamics and microbial structure in a saline-sodic soil of the former Lake Texcoco (Mexico). Bioresource Technology. Volumen: 101 Número: 7 Páginas: 2491-2498. | https://doi.org/10.1016/j.biortech.2009.10.088 |
| 727 | 2010 | Mata Machuca JL, Martinez Guerra R, Aguilar Lopez R. Monitoring in a predator-prey systems via a class of high order observer design. Biosystems. Volumen: 100 Número: 1 Páginas: 65-69. | https://doi.org/10.1016/j.biosystems.2010.01.003 |
| 728 | 2010 | Ceja Navarro JA, Rivera FN, Patino Zuniga L, Govaerts B, Marsch Moreno R, Vila Sanjurjo A, Dendooven L. Molecular characterization of soil bacterial communities in contrasting zero tillage systems. Plant And Soil. Volumen: 329 Número: 1-2 Páginas: 127-137. | https://doi.org/10.1007/s11104-009-0140-9 |
| 729 | 2010 | Aguilar Lopez R, Lopez Perez PA, Neria Gonzalez MI, Dominguez Bocanegra AR. Observer based adaptive model for a class of aerobic batch bioreactor. Revista Mexicana De Ingenieria Quimica. Volumen: 9 Número: 1 Páginas: 29-35. | https://www.redalyc.org/articulo.oa?id=62016243004 |
| 730 | 2010 | Fuentes M, Govaerts B, Hidalgo C, Etchevers J, Gonzalez Martin I, Hernandez Hierro JM, Sayre KD, Dendooven L. Organic carbon and stable C-13 isotope in conservation agriculture and conventional systems. Soil Biology & Biochemistry. Volumen: 42 Número: 4 Páginas: 551-557. | https://doi.org/10.1016/j.soilbio.2009.11.020 |
| 731 | 2010 | Oliva Llaven MA, Rodriguez Hernandez L, Mendoza Nazar P, Ruiz Sesma B, Alvarez Solis JD, Dendooven L, Gutierrez Miceli FA. Optimization of worm-bed leachate for culturing of tomato (Lycopersicon esculentum Mill) inoculated with Glomus fasciculatum and Pseudomonas fluorescens. Electronic Journal Of Biotechnology. Volumen: 13 Número: 2 Número de artículo: 2. | https://doi.org/10.2225/vol13-issue2-fulltext-2 |
| 732 | 2010 | Quijano G, Rocha Rios J, Hernandez M, Villaverde S, Revah S, Munoz R, Thalasso F. Determining the effect of solid and liquid vectors on the gaseous interfacial area and oxygen transfer rates in two-phase partitioning bioreactors. Journal Of Hazardous Materials. Volumen: 175 Número: 1-3 Páginas: 1085-1089. | https://doi.org/10.1016/j.jhazmat.2009.10.020 |
| 733 | 2010 | Chavez Cabrera C, Flores Bustamante ZR, Marsch Moreno R, Montes Horcasitas MC, Sanchez S, Cancino Diaz JC, Flores Cotera LB. ATP-citrate lyase activity and carotenoid production in batch cultures of Phaffia rhodozyma under nitrogen-limited and nonlimited conditions. Applied Microbiology And Biotechnology. Volumen: 85 Número: 6 Páginas: 1953-1960. | https://doi.org/10.1007/s00253-009-2271-6 |
| 734 | 2010 | Quijano G, Ordaz A, Munoz R, Thalasso F. New insights on O-2 uptake mechanisms in two-phase partitioning bioreactors. Biotechnology Letters. Volumen: 32 Número: 2 Páginas: 223-228, | https://doi.org/10.1007/s10529-009-0146-7 |
| 735 | 2010 | Gutierrez Miceli FA, Arias L, Juarez Rodriguez N, Abud Archila M, Amaro Reyes A, Dendooven L. Optimization of growth regulators and silver nitrate for micropropagation of Dianthus caryophyllus L. with the aid of a response surface experimental design. In Vitro Cellular & Developmental Biology-Plant. Volumen: 46 Número: 1 Páginas: 57-63. | https://doi.org/10.1007/s11627-009-9259-x |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 736 | 2010 | Aguilar Lopez R, Martinez Guerra R, Puebla H, Hernandez Suarez R. High order sliding-mode dynamic control for chaotic intracellular calcium oscillations. Nonlinear Analysis-Real World Applications. Volumen: 11 Número: 1 Páginas: 217-231. | https://doi.org/10.1016/j.nonrwa.2008.10.054 |
| 737 | 2010 | Ramon Luing LA, Rendon Gandarilla FJ, Cardenas Guerra RE, Rodriguez Cabrera NA, Ortega Lopez J, Avila Gonzalez L, Angel Ortiz C, Herrera Sanchez CN, Mendoza Garcia M, Arroyo R. Immunoproteomics of the active degradome to identify biomarkers for Trichomonas vaginalis. Proteomics. Volumen: 10 Número: 3 Páginas: 435-444. | https://doi.org/10.1002/pmic.200900479 |
| 738 | 2010 | Quijano G, Hernandez M, Villaverde S, Thalasso F, Munoz R. A step-forward in the characterization and potential applications of solid and liquid oxygen transfer vectors. Applied Microbiology And Biotechnology. Volumen: 85 Número: 3 Páginas: 543-551. | https://doi.org/10.1007/s00253-009-2146-x |
| 739 | 2010 | Ramirez Lopez EM, Corona Hernandez J, Avelar Gonzalez FJ, Omil F, Thalasso F. Biofiltration of methanol in an organic biofilter using peanut shells as medium. Bioresource Technology. Volumen: 101 Número: 1 Páginas: 87-91. | https://doi.org/10.1016/j.biortech.2008.10.064 |
| 740 | 2010 | Fernandez Luqueno F, Reyes Varela V, Martinez Suarez C, Salomon Hernandez G, Yanez Meneses J, Ceballos Ramirez JM, Dendooven L. Effect of different nitrogen sources on plant characteristics and yield of common bean (Phaseolus vulgaris L.). Bioresource Technology. Volumen: 101 Número: 1 Páginas: 396-403. | https://doi.org/10.1016/j.biortech.2009.07.058 |
| 741 | 2010 | Reyna Velarde R, Cristiani Urbina E, Hernandez Melchor DJ, Thalasso F, Canizares Villanueva RO. Hydrodynamic and mass transfer characterization of a flat-panel airlift photobioreactor with high light path. Chemical Engineering And Processing-Process Intensification. Volumen: 49 Número: 1 Páginas: 97-103. | https://doi.org/10.1016/j.cep.2009.11.014 |
| 742 | 2010 | Coello CY, Miceli CL, Orantes C, Dendooven L, Gutierrez FA. Plant growth regulators optimization for in vitro cultivation of the orchid Guarianthe skinneri (Bateman) Dressier & WEHiggins. Gayana Botanica. Volumen: 67 Número: 1 Páginas: 19-26. | https://www.researchgate.net/publication/288654573_Plant_growth_regulators_optimization_for_in_vitro_cultivation_of_the_orchid_Guarianthe_skinneri_Bateman_Dressier_WEHiggins |
| 743 | 2010 | Aguilar Lopez R, Mata Machuca J, Martinez Guerra R. On the Observability for a Class of Nonlinear (Bio)chemical Systems. International Journal Of Chemical Reactor Engineering. Volumen: 8 Número de artículo: A3. | https://doi.org/10.2202/1542-6580.2052 |
| 744 | 2010 | Aguilar Lopez R, Jimenez Garcia G, Maya Yescas R. Modelling Catalyst Deactivation by External Coke Deposition during Fluid Catalytic Cracking. International Journal Of Chemical Reactor Engineering. Volumen: 8 Número de artículo: S2. | https://doi.org/10.2202/1542-6580.2198 |
| 745 | 2010 | Hernandez M, Gouveia J, Quijano G, Thalasso F, Villaverde S, Munoz R. A systematic study of the influence on microbial kinetics of the presence of an organic phase during microbial isolation. Nose 2010: International Conference On Environmental Odour Monitoring And Control. Colección: Chemical Engineering Transactions Volumen: 23 Páginas: 375-380. | https://doi.org/10.3303/CET1023063 |
| 746 | 2010 | Baruch I, Mariaca Gaspar CR, Barrera Cortes J, Castillo O. Direct and Indirect Neural Identification and Control of a Continuous Bioprocess via Marquardt Learning. Soft Computing For Intelligent Control And Mobile Robotics. Colección: Studies in Computational Intelligence Volumen: 318 Páginas: 81-102. | https://doi.org/10.1007/978-3-642-15534-5_6 |
| 747 | 2009 | Alvarez Bernal D, Contreras Ramos SM, Montes Molina JA, Van Cleemput O, Dendooven L. Emission of N2O from Polycyclic Aromatic Hydrocarbons Contaminated Soil at Different Water Contents Added with Vermicompost. Compost Science & Utilization. Volumen: 17 Número: 1 Páginas: 48-54. | https://www.tandfonline.com/doi/abs/10.1080/1065657X.2009.10702399 |
| 748 | 2009 | Flores Gomez E, Gomez Silva L, Ruiz Medrano R, Xoconostle Cazares BG. Role of acetosyringone in the accumulation of a set of RNAs in the arbuscular mycorrhiza fungus Glomus intraradices. International Microbiology. Volumen: 11 Número: 4 Páginas: 275-282. | https://doi.org/10.2436/20.1501.01.72 |
| 749 | 2009 | Montoya Gonzalez A, Gonzalez Navarro OE, Govaerts B, Sayre KD, Estrada I, Luna Guido M, Ceja Navarro JA, Patino Zuniga L, Marsch Moreno R, Dendooven L. Straw management, crop rotation and nitrogen source effect on carbon and nitrogen dynamics: A laboratory study. Plant And Soil. Volumen: 325 Número: 1-2 Número especial: SI Páginas: 243-253. | https://doi.org/10.1007/s11104-009-9975-3 |
| 750 | 2009 | Aceves MB, Santos HE, Berber JDR, Mota JLO, Rodirguez Vazquez R. Distribution and mobility of Cr in tannery waste amended semi-arid soils under simulated rainfall. Journal Of Hazardous Materials. Volumen: 171 Número: 1-3 Páginas: 851-858. | https://doi.org/10.1016/j.jhazmat.2009.06.087 |
| 751 | 2009 | Quijano G, Hernandez M, Thalasso F, Munoz R, Villaverde S. Two-phase partitioning bioreactors in environmental biotechnology. Applied Microbiology And Biotechnology. Volumen: 84 Número: 5 Páginas: 829-846. | https://doi.org/10.1007/s00253-009-2158-6 |
| 752 | 2009 | Herrera Herrera JA, Perez Avalos O, Salgado LM, Ponce Noyola MT. Cyclic AMP regulates the biosynthesis of cellobiohydrolase in Cellulomonas flavigena growing in sugar cane bagasse. Archives Of Microbiology. Volumen: 191 Número: 10 Páginas: 745-750. | https://doi.org/10.1007/s00203-009-0502-y |
| 753 | 2009 | Alcantara Hernandez RJ, Valenzuela Encinas C, de la Serna FJZD, Rodriguez Revilla J, Dendooven L, Marsch Moreno R. Haloarchaeal assimilatory nitrate-reducing communities from a saline alkaline soil. Fems Microbiology Letters. Volumen: 298 Número: 1 Páginas: 56-66. | https://doi.org/10.1111/j.1574-6968.2009.01710.x |
| 754 | 2009 | Nunez EV, Rodriguez V, Gaytan AG, Luna Guido M, Betancur Galvis LA, Marsch Moreno R, Dendooven L. Using Acetone as Solvent to Study Removal of Anthracene in Soil Inhibits Microbial Activity and Alters Nitrogen Dynamics. Archives Of Environmental Contamination And Toxicology. Volumen: 57 Número: 2 Páginas: 239-246. | https://doi.org/10.1007/s00244-008-9253-z |
| 755 | 2009 | Perez PAL, Aguilar Lopez R. Dynamic nonlinear feedback for temperature control of continuous stirred reactor with complex behavior. Journal Of Applied Research And Technology. Volumen: 7 Número: 2 Páginas: 202-217. | https://doi.org/10.22201/icat.16656423.2009.7.02.514 |
| 756 | 2009 | Mendez Bautista J, Fernandez Luqueno F, Lopez Valdez F, Mendoza Cristino R, Montes Molina JA, Gutierrez Miceli FA, Dendooven L. Effect of pest controlling neem (Azadirachta indica A. Juss) and mata-raton (Gliricidia sepium Jacquin) leaf extracts on emission of green house gases and inorganic-N content in urea-amended soil. Chemosphere. Volumen: 76 Número: 3 Páginas: 293-299. | https://doi.org/10.1016/j.chemosphere.2009.04.007 |
| 757 | 2009 | Valenzuela Encinas C, Neria Gonzalez I, Alcantara Hernandez RJ, Estrada Alvarado I, de la Serna FJZD, Dendooven L, Marsch Moreno R. Changes in the bacterial populations of the highly alkaline saline soil of the former lake Texcoco (Mexico) following flooding. Extremophiles. Volumen: 13 Número: 4 Páginas: 609-621. | https://doi.org/10.1007/s00792-009-0244-4 |
| 758 | 2009 | Verachtert E, Govaerts B, Lichter K, Sayre KD, Ceballos Ramirez JM, Luna Guido ML, Deckers J, Dendooven L. Short term changes in dynamics of C and N in soil when crops are cultivated on permanent raised beds. Plant And Soil. Volumen: 320 Número: 1-2 Páginas: 281-293. | https://doi.org/10.1007/s11104-009-9893-4 |
| 759 | 2009 | Vuelvas Solorzano A, Hernandez Matehuala R, Conde Barajas E, Luna Guido ML, Dendooven L, Cardenas Manriquez M. Dynamics of (14)c-labeled glucose and ammonium in saline arable soils. Revista Brasileira De Ciencia Do Solo. Volumen: 33 Número: 4 Páginas: 857-865. | https://doi.org/10.1590/S0100-06832009000400010 |
| 760 | 2009 | Fernandez Luqueno F, Reyes Varela V, Martinez Suarez C, Reynoso Keller RE, Mendez Bautista J, Ruiz Romero E, Lopez Valdez F, Luna Guido ML, Dendooven L. Emission of CO2 and N2O from soil cultivated with common bean (Phaseolus vulgaris L.) fertilized with different N sources. Science Of The Total Environment. Volumen: 407 Número: 14 Páginas: 4289-4296. | https://doi.org/10.1016/j.scitotenv.2009.04.016 |
| 761 | 2009 | Fuentes M, Gonzalez Martin I, Hernandez Hierro JM, Hidalgo C, Govaerts B, Etchevers J, Sayre KD, Dendooven L. The natural abundance of C-13 with different agricultural management by NIRS with fibre optic probe technology. Talanta. Volumen: 79 Número: 1 Páginas: 32-37. | https://doi.org/10.1016/j.talanta.2009.03.002 |
| 762 | 2009 | Neria Gonzalez MI, Dominguez Bocanegra AR, Torres J, Maya Yescas R, Aguilar Lopez R. Linearizing Control Based on Adaptive Observer for Anaerobic Continuous Sulphate Reducing Bioreactors with Unknown Kinetics. Chemical And Biochemical Engineering Quarterly. Volumen: 23 Número: 2 Páginas: 179-185. | https://www.researchgate.net/publication/41618458_Linearizing_Control_Based_on_Adaptive_Observer_for_Anaerobic_Continuous_Sulphate_Reducing_Bioreactors_with_Unknown_Kinetics |
| 763 | 2009 | Huerta Heredia AA, Marin Lopez R, Ponce Noyola MT, Cerda Garcia Rojas CM, Trejo Tapia G, Ramos Valdivia AC. Oxidative stress induces alkaloid production in Uncaria tomentosa root and cell cultures in bioreactors. Engineering In Life Sciences. Volumen: 9 Número: 3 Páginas: 211-218. | https://doi.org/10.1002/elsc.200800118 |
| 764 | 2009 | Fernandez Luqueno F, Thalasso F, Luna Guido ML, Ceballos Ramirez JM, Ordonez Ruiz IM, Dendooven L. Flocculant in wastewater affects dynamics of inorganic N and accelerates removal of phenanthrene and anthracene in soil. Journal Of Environmental Management. Volumen: 90 Número: 8 Páginas: 2813-2818. | https://doi.org/10.1016/j.jenvman.2009.03.010 |
| 765 | 2009 | Ruiz Romero E, Alcantara Hernandez R, Cruz Mondragon C, Marsch Moreno R, Luna Guido ML, Dendooven L. Denitrification in extreme alkaline saline soils of the former lake Texcoco. Plant And Soil. Volumen: 319 Número: 1-2 Páginas: 247-257. | https://doi.org/10.1007/s11104-008-9867-y |
| 766 | 2009 | Quijano G, Revah S, Gutierrez Rojas M, Flores Cotera LB, Thalasso F. Oxygen transfer in three-phase airlift and stirred tank reactors using silicone oil as transfer vector. Process Biochemistry. Volumen: 44 Número: 6 Páginas: 619-624. | https://doi.org/10.1016/j.procbio.2009.01.015 |
| 767 | 2009 | Valdez Vazquez I, Poggi Varaldo HM. Hydrogen production by fermentative consortia. Renewable & Sustainable Energy Reviews. Volumen: 13 Número: 5 Páginas: 1000-1013. | https://doi.org/10.1016/j.rser.2008.03.003 |
| 768 | 2009 | Valdez Vazquez I, Poggi Varaldo HM. Alkalinity and high total solids affecting H-2 production from organic solid waste by anaerobic consortia. International Journal Of Hydrogen Energy. Volumen: 34 Número: 9 Número especial: SI Páginas: 3639-3646. | https://doi.org/10.1016/j.ijhydene.2009.02.039 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 769 | 2009 | Valdez Vazquez I, Ponce Noyola MT, Poggi Varaldo HM. Nutrients related to spore germination improve H-2 production from heat-shock-treated consortia. International Journal Of Hydrogen Energy. Volumen: 34 Número: 10 Número especial: SI Páginas: 4291-4295. | https://doi.org/10.1016/j.ijhydene.2008.09.074 |
| 770 | 2009 | Chen LF, Rojas M, Kon T, Gamby K, Xoconostle Cazares BG, Gilbertson RL. A severe symptom phenotype in tomato in Mali is caused by a reassortant between a novel recombinant begomovirus (Tomato yellow leaf curl Mali virus) and a betasatellite. Molecular Plant Pathology. Volumen: 10 Número: 3 Páginas: 415-430. | https://doi.org/10.1111/J.1364-3703.2009.00541.X |
| 771 | 2009 | Govaerts B, Sayre KD, Goudeseune B, De Corte P, Lichter K, Dendooven L, Deckers J. Conservation agriculture as a sustainable option for the central Mexican highlands. Soil & Tillage Research. Volumen: 103 Número: 2 Páginas: 222-230. | https://doi.org/10.1016/j.still.2008.05.018 |
| 772 | 2009 | Lopez Luna J, Gonzalez Chavez MC, Esparza Garcia FJ, Rodríguez Vázquez R. Toxicity assessment of soil amended with tannery sludge, trivalent chromium and hexavalent chromium, using wheat, oat and sorghum plants. Journal Of Hazardous Materials. Volumen: 163 Número: 2-3 Páginas: 829-834. | https://doi.org/10.1016/j.jhazmat.2008.07.034 |
| 773 | 2009 | Nunez EV, Gaytan AG, Luna Guido M, Marsch Moreno R, Dendooven L. Impact of moisture dynamic and sun light on anthracene removal from soil. Biodegradation. Volumen: 20 Número: 2 Páginas: 191-198. | https://doi.org/10.1007/s10532-008-9212-4 |
| 774 | 2009 | Jacome Pilco CR, Cristiani Urbina E, Flores Cotera LB, Velasco Garcia R, Ponce Noyola MT, Canizares Villanueva RO. Continuous Cr(VI) removal by Scenedesmus incrassatulus in an airlift photobioreactor. Bioresource Technology. Volumen: 100 Número: 8 Páginas: 2388-2391. | https://doi.org/10.1016/j.biortech.2008.10.053 |
| 775 | 2009 | Fuentes M, Govaerts B, De Leon F, Hidalgo C, Dendooven L, Sayre KD, Etchevers J. Fourteen years of applying zero and conventional tillage, crop rotation and residue management systems and its effect on physical and chemical soil quality. European Journal Of Agronomy. Volumen: 30 Número: 3 Páginas: 228-237. | https://doi.org/10.1016/j.eja.2008.10.005 |
| 776 | 2009 | Dominguez Bocanegra AR, Torres Munoz JA, Carmona R, Aguilar Lopez R. Theoretical-practical study on the removal of contaminants in Los Remedios River (State of Mexico). Ingenieria Hidraulica En Mexico. Volumen: 24 Número: 2 Páginas: 81-91. | https://www.researchgate.net/publication/286714232_Theoretical_practical_study_on_the_removal_of_contaminants_in_Los_Remedios_River_State_of_Mexico |
| 777 | 2009 | Lozano Alvarez JA, Jauregui Rincon J, Mendoza Diaz G, Rodríguez Vázquez R, Frausto Reyes C. Study of Sorption Equilibrium of Biopolymers Alginic Acid and Xanthan with CI Disperse Yellow 54. Journal Of The Mexican Chemical Society. Volumen: 53 Número: 2 Páginas: 59-70. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1870-249X2009000200005 |
| 778 | 2009 | Verhulst N, Govaerts B, Sayre KD, Deckers J, Francois IM, Dendooven L. Using NDVI and soil quality analysis to assess influence of agronomic management on within-plot spatial variability and factors limiting production. Plant And Soil. Volumen: 317 Número: 1-2 Páginas: 41-59. | https://doi.org/10.1007/s11104-008-9787-x |
| 779 | 2009 | Cejudo Espinosa E, Velazquez Zepeda A, Rodríguez Vázquez R. Adsorption of atrazine in circular sections of roots of three wetland plants. Revista Mexicana De Ingenieria Quimica. Volumen: 8 Número: 1 Páginas: 35-39. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382009000100003 |
| 780 | 2009 | Contreras Ramos SM, Alvarez Bernal D, Dendooven L. Characteristics of earthworms (Eisenia fetida) in PAHs contaminated soil amended with sewage sludge or vermicompost. Applied Soil Ecology. Volumen: 41 Número: 3 Páginas: 269-276. | https://doi.org/10.1016/j.apsoil.2008.11.008 |
| 781 | 2009 | Garcia Esquivel G, Calva Calva G, Ferrera Cerrato R, Fernandez Linares LC, Rodríguez Vázquez R, Esparza Garcia FJ. Encystment of Azotobacter nigricans grown diazotrophically on kerosene as sole carbon source. Archives Of Microbiology. Volumen: 191 Número: 3 Páginas: 275-281. | https://doi.org/10.1007/s00203-008-0444-9 |
| 782 | 2009 | Ortega Clemente A, Caffarel Mendez S, Ponce Noyola MT, Barrera Cortes J, Poggi Varaldo HM. Fungal post-treatment of pulp mill effluents for the removal of recalcitrant pollutants. Bioresource Technology. Volumen: 100 Número: 6 Páginas: 1885-1894. | https://doi.org/10.1016/j.biortech.2007.07.059 |
| 783 | 2009 | Cejudo Espinosa E, Ramos Valdivia AC, Esparza Garcia FJ, Moreno Casasola P, Rodríguez Vázquez R. Short-Term Accumulation of Atrazine by Three Plants from a Wetland Model System. Archives Of Environmental Contamination And Toxicology. Volumen: 56 Número: 2 Páginas: 201-208. | https://doi.org/10.1007/s00244-008-9193-7 |
| 784 | 2009 | Puebla H, Martin R, Alvarez Ramirez J, Aguilar Lopez R. Controlling nonlinear waves in excitable media. Chaos Solitons & Fractals. Volumen: 39 Número: 2 Páginas: 971-980. | https://doi.org/10.1016/j.chaos.2007.04.009 |
| 785 | 2009 | Gomez Luna BE, Rivera Mosqueda MC, Dendooven L, Vazquez Marrufo G, Olade Portugal V. Charcoal production at kiln sites affects C and N dynamics and associated soil microorganisms in Quercus spp. temperate forests of central Mexico. Applied Soil Ecology. Volumen: 41 Número: 1 Páginas: 50-58. | https://doi.org/10.1016/j.apsoil.2008.08.007 |
| 786 | 2009 | Contreras Ramos SM, Alvarez Bernal D, Montes Molina JA, Van Cleemput O, Dendooven L. Emission of nitrous oxide from hydrocarbon contaminated soil amended with waste water sludge and earthworms. Applied Soil Ecology. Volumen: 41 Número: 1 Páginas: 69-76. | https://doi.org/10.1016/j.apsoil.2008.09.001 |
| 787 | 2009 | Sinha S, Orozco NGT, Ramirez DSA, Rodríguez Vázquez R. Effect of surfactant on TiO2/UV mediated heterogeneous photocatalytic degradation of DDT in contaminated water. Clean Technology 2009: Bioenergy, Renewables, Storage, Grid, Waste And Sustainability. Páginas: 273-276. | https://www.semanticscholar.org/paper/Effect-of-surfactant-on-TiO2-UV-mediated-of-DDT-in-Sinha-Gabriela/fe22c229327663ab7f4b1758dd9af8d44cc884f8 |
| 788 | 2009 | Govaerts B, Verhulst N, Castellanos Navarrete A, Sayre KD, Dixon J, Dendooven L. Conservation Agriculture and Soil Carbon Sequestration: Between Myth and Farmer Reality. Critical Reviews In Plant Sciences. Volumen: 28 Número: 3 Páginas: 97-122 Número de artículo: Pll 910296120. | https://doi.org/10.1080/07352680902776358 |
| 789 | 2009 | Alcantara Hernandez RJ, Valenzuela Encinas C, Marsch Moreno R, Dendooven L. Respiratory and dissimilatory nitrate-reducing communities from an extreme saline alkaline soil of the former lake Texcoco (Mexico). Extremophiles. Volumen: 13 Número: 1 Páginas: 169-178. | https://doi.org/10.1007/s00792-008-0207-1 |
| 790 | 2009 | Palacios G, Abud M, Salvador M, Adriano L, Dendooven L, Gutierrez FA. Influence of arbuscular mycorrhizal fungies and a native diazotrophic bacteria in survival and tuberization of ex vitro potato plants. Gayana Botanica. Volumen: 66 Número: 2 Páginas: 127-133. | https://doi.org/10.4067/S0717-66432009000200002 |
| 791 | 2009 | Ruiz Valdiviezo VM, Ayora Talavera TR, Gutierrez Miceli FA, Dendooven L, Rincon Rosales R. Effects of inorganic fertilizers and rhizobial inoculation on growth, nodulation and tannin content of acaciella angustissima (mill.) britton & rose. Gayana Botanica. Volumen: 66 Número: 2 Páginas: 206-217. | https://doi.org/10.4067/S0717-66432009000200007 |
| 792 | 2009 | Aguilar Lopez R, Martinez Guerra R, Maya Yescas R. Temperature Regulation via PI High-Order Sliding-Mode Controller Design: Application to a Class of Chemical Reactor. International Journal Of Chemical Reactor Engineering. Volumen: 7 Número de artículo: S1. | https://doi.org/10.2202/1542-6580.1830 |
| 793 | 2009 | Alzate Gaviria L, Perez Hernandez A, Poggi Varaldo HM, Sebastian PJ. The mathematical modelling of biomethane production and the growth of methanogenic bacteria in batch reactor systems fed with organic municipal solid waste. International Journal Of Global Warming. Volumen: 1 Número: 4 Páginas: 493-507. | https://doi.org/10.1504/IJGW.2009.029220 |
| 794 | 2009 | Izcapa Trevino C, Loera O, Tomasini Campocosio A, Esparza Garcia FJ, Salazar Montoya JA, Diaz Cervantes MD, Rodríguez Vázquez R. Fenton (H2O2/Fe) reaction involved in Penicillium sp culture for DDT [1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane)] degradation. Journal Of Environmental Science And Health Part B-Pesticides Food Contaminants And Agricultural Wastes. Volumen: 44 Número: 8 Páginas: 798-804. | https://doi.org/10.1080/03601230903238368 |
| 795 | 2009 | Poggi Varaldo HM, Carmona Martinez A, Vazquez Larios AL, Solorza Feria O. Effect of Inoculum Type on the Performance of a Microbial Fuel Cell Fed with Spent Organic Extracts from Hydrogenogenic Fermentation of Organic Solid Wastes. Journal Of New Materials For Electrochemical Systems. Volumen: 12 Número: 1 Número especial: SI Páginas: 49-54. | https://www.researchgate.net/publication/233911262_Effect_of_Inoculum_Type_on_the_Performance_of_a_Microbial_Fuel_Cell_Fed_with_Spent_Organic_Extracts_from_Hydrogenogenic_Fermentation_of_Organic_Solid_Wastes |
| 796 | 2009 | Baruch I, Mariaca Gaspar CR, Barrera Cortes J. Direct Adaptive Soft Computing Neural Control of a Continuous Bioprocess via Second Order Learning. Micai 2009: Advances In Artificial Intelligence, Proceedings. Colección: Lecture Notes in Artificial Intelligence Volumen: 5845 Páginas: 500-+. | https://link.springer.com/chapter/10.1007/978-3-642-05258-3_44 |
| 797 | 2009 | Sinha S, Orozco NGT, Ramirez DSA, Rodríguez Vázquez R. Effect of surfactant on TiO2/UV mediated heterogeneous photocatalytic degradation of DDT in contaminated water. Nanotech Conference & Expo 2009, Vol 2, Technical Proceedings: Nanotechnology 2009: Life Sciences, Medicine, Diagnostics, Bio Materials And Composites. Páginas: 411-+. | https://www.semanticscholar.org/paper/Effect-of-surfactant-on-TiO2-UV-mediated-of-DDT-in-Sinha-Gabriela/fe22c229327663ab7f4b1758dd9af8d44cc884f8 |
| 798 | 2009 | Patino Zuniga L, Ceja Navarro J, Govaerts B, Luna Guido M, Sayre K, Dendooven L. The effect of different tillage and residue management practices on soil characteristics, inorganic N dynamics and emissions of N2O, CO2 and CH4 in the central highlands of Mexico: a laboratory study. Plant And Soil. Volumen: 314 Número: 1-2 Páginas: 231-241. | https://doi.org/10.1007/s11104-008-9722-1 |
| 799 | 2009 | Ham BK, Brandom JL, Xoconostle Cazares BG, Ringgold V, Lough TJ, Lucas WJ. A Polypyrimidine Tract Binding Protein, Pumpkin RBP50, Forms the Basis of a Phloem-Mobile Ribonucleoprotein Complex. Plant Cell. Volumen: 21 Número: 1 Páginas: 197-215. | https://doi.org/10.1105/tpc.108.061317 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 800 | 2009 | Quintas Granados LI, Orozco E, Brieba LG, Arroyo R, Ortega Lopez J. Purification, refolding and autoactivation of the recombinant cysteine proteinase EhCP112 from Entamoeba histolytica. Protein Expression And Purification. Volumen: 63 Número: 1 Páginas: 26-32. | https://doi.org/10.1016/j.pep.2008.09.006 |
| 801 | 2008 | Aguilar Lopez R, Acevedo Gomez R, Gonzalez MIN, Dominguez Bocanegra AR. State variables monitoring using a class of nonlinear observer based estimator, applied to continuous bio-system. Journal Of Applied Research And Technology. Volumen: 6 Número: 3 Páginas: 147-158. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-64232008000300002 |
| 802 | 2008 | Aguilar Lopez R, Acevedo Gomez R, Gonzalez MIN, Dominguez Bocanegra AR. Robust generic model feedback under model uncertainties: application of a tubular reactor for the treatment of industrial plating wastewater. Journal Of Applied Research And Technology. Volumen: 6 Número: 3 Páginas: 184-203. | https://doi.org/10.22201/icat.16656423.2008.6.03.522 |
| 803 | 2008 | Perez Moreno J, Martinez Reyes M, Yescas Perez A, Delgado Alvarado A, Xoconostle Cazares BG. Wild Mushroom Markets in Central Mexico and a Case Study at Ozumba. Economic Botany. Volumen: 62 Número: 3 Páginas: 425-436. | https://doi.org/10.1007/s12231-008-9043-6 |
| 804 | 2008 | Vallejo Becerra V, Vasquez Bahena J, Santiago Hernandez JA, Hidalgo Lara ME. Immobilization of the recombinant invertase INVB from Zymomonas mobilis on Nylon-6. Journal Of Industrial Microbiology & Biotechnology. Volumen: 35 Número: 11 Páginas: 1289-1295. | https://doi.org/10.1007/s10295-008-0426-6 |
| 805 | 2008 | Calixto Romo MDA, Santiago Hernandez JA, Vallejo Becerra V, Amaya Delgado L, Montes Horcasitas MC, Hidalgo Lara ME. Expression, purification and immobilization of the intracellular invertase INVA, from Zymomonas mobilis on crystalline cellulose and Nylon-6. Journal Of Industrial Microbiology & Biotechnology. Volumen: 35 Número: 11 Páginas: 1455-1463. | https://doi.org/10.1007/s10295-008-0447-1 |
| 806 | 2008 | Vega Jarquin C, Valenzuela Encinas C, Neria Gonzalez I, Alcantara Hernandez RJ, Hernandez Santiago MA, Luna Guido ML, Marsch Moreno R, Dendooven L. Is nitrate reduction to nitrite possible in glucose-amended alkaline saline soil under aerobic conditions?. Soil Biology & Biochemistry. Volumen: 40 Número: 11 Páginas: 2796-2802. | https://doi.org/10.1016/j.soilbio.2008.07.028 |
| 807 | 2008 | Gutierrez Miceli FA, Moguel Zamudio B, Abud Archila M, Gutierrez Oliva VF, Dendooven L. Sheep manure vermicompost supplemented with a native diazotrophic bacteria and mycorrhizas for maize cultivation. Bioresource Technology. Volumen: 99 Número: 15 Páginas: 7020-7026. | https://doi.org/10.1016/j.biortech.2008.01.012 |
| 808 | 2008 | Chaires Martinez L, Salazar Montoya JA, Ramos Ramirez EG. Physicochemical and functional characterization of the galactomannan obtained from mesquite seeds (Prosopis pallida). European Food Research And Technology. Volumen: 227 Número: 6 Páginas: 1669-1676. | https://doi.org/10.1007/s00217-008-0892-0 |
| 809 | 2008 | Antonio GMF, Carlos GGR, Reiner RR, Miguel AA, Angela OLM, Cruz MJG, Dendooven L. Formulation of a liquid fertilizer for sorghum (Sorghum bicolor (L.) Moench) using vermicompost leachate. Bioresource Technology. Volumen: 99 Número: 14 Páginas: 6174-6180. | https://doi.org/10.1016/j.biortech.2007.12.043 |
| 810 | 2008 | Gottschalk M, Dolgener E, Xoconostle Cazares BG, Lucas WJ, Komor E, Schobert C. Ricinus communis cyclophilin: functional characterisation of a sieve tube protein involved in protein folding. Planta. Volumen: 228 Número: 4 Páginas: 687-700. | https://doi.org/10.1007/s00425-008-0771-8 |
| 811 | 2008 | Fernandez Luqueno F, Marsch Moreno R, Espinosa Victoria D, Thalasso F, Hidalgo Lara ME, Munive A, Luna Guido ML, Dendooven L. Remediation of PAHs in a saline-alkaline soil amended with wastewater sludge and the effect on dynamics of C and N. Science Of The Total Environment. Volumen: 402 Número: 1 Páginas: 18-28. | https://doi.org/10.1016/j.scitotenv.2008.04.040 |
| 812 | 2008 | Fernandez Luqueno F, Dendooven L, Munive A, Corlay Chee L, Serrano Covarrubias LM, Espinosa Victoria D. Micro-morphology of common bean (Phaseolus vulgaris L.) nodules undergoing senescence. Acta Physiologiae Plantarum. Volumen: 30 Número: 4 Páginas: 545-552. | https://doi.org/10.1007/s11738-008-0153-7 |
| 813 | 2008 | Perez Avalos O, Sanchez Herrera LM, Salgado LM, Ponce Noyola MT. A bifunctional endoglucanase/endoxylanase from Cellulomonas flavigena with potential use in industrial processes at different pH. Current Microbiology. Volumen: 57 Número: 1 Páginas: 39-44. | https://doi.org/10.1007/s00284-008-9149-1 |
| 814 | 2008 | Silva CC, Guido ML, Ceballos JM, Marsch Moreno R, Dendooven L. Production of carbon dioxide and nitrous oxide in alkaline saline soil of Texcoco at different water contents amended with urea: A laboratory study. Soil Biology & Biochemistry. Volumen: 40 Número: 7 Páginas: 1813-1822. | https://doi.org/10.1016/j.soilbio.2008.03.004 |
| 815 | 2008 | Contreras Ramos SM, Alvarez Bernal D, Dendooven L. Removal of polycyclic aromatic hydrocarbons from soil amended with biosolid or vermicompost in the presence of earthworms (Eisenia fetida). Soil Biology & Biochemistry. Volumen: 40 Número: 7 Páginas: 1954-1959. | https://doi.org/10.1016/j.soilbio.2008.04.009 |
| 816 | 2008 | Ordaz A, Oliveira CS, Aguilar Lopez R, Carrion M, Ferreira EC, Alves M, Thalasso F. Kinetic and stoichiometric parameters estimation in a nitrifying bubble column through "in-situ" pulse respirometry. Biotechnology And Bioengineering. Volumen: 100 Número: 1 Páginas: 94-102. | https://doi.org/10.1002/bit.21723 |
| 817 | 2008 | Hinojosa Moya J, Xoconostle Cazares BG, Piedra Ibarra E, Mendez Tenorio A, Lucas WJ, Ruiz Medrano R. Phylogenetic and structural analysis of translationally controlled tumor proteins. Journal Of Molecular Evolution. Volumen: 66 Número: 5 Páginas: 472-483. | https://doi.org/10.1007/s00239-008-9099-z |
| 818 | 2008 | Hagen C, Rojas MR, Sudarshana MR, Xoconostle Cazares BG, Natwick ET, Turini TA, Gilbertson RL. Biology and molecular characterization of Cucurbit leaf crumple virus, an emergent cucurbit-infecting Begomovirus in the Imperial Valley of California. Plant Disease. Volumen: 92 Número: 5 Páginas: 781-793. | https://doi.org/10.1094/PDIS-92-5-0781 |
| 819 | 2008 | Jimenez LIG, Rodriguez PRH, Guerrero RM, Ramos Ramirez EG. Analysis of electromyographic signals from rats' stomaches for detection and classification of motility. Sensors. Volumen: 8 Número: 5 Páginas: 2974-2985. | https://doi.org/10.3390/s8052974 |
| 820 | 2008 | Montes Molina JA, Luna Guido M, Ceballos Ramirez JM, Fernandez Luqueno F, Espinoza Paz N, Rincon Rosales R, Dendooven L, Gutierrez Miceli FA. Effect of pest-controlling neem and mata-raton on bean growth, soil N and soil CO(2) emissions. Agronomy For Sustainable Development. Volumen: 28 Número: 2 Páginas: 187-194. | https://doi.org/10.1051/agro:2008002 |
| 821 | 2008 | Mejia Castillo T, Hidalgo Lara ME, Brieba LG, Ortega Lopez J. Purification, characterization and modular organization of a cellulose-binding protein, CBP105, a processive beta-1,4-endoglucanase from Cellulomonas flavigena. Biotechnology Letters. Volumen: 30 Número: 4 Páginas: 681-687. | https://doi.org/10.1007/s10529-007-9589-x |
| 822 | 2008 | Omil F, Rojas H, Thalasso F, Lema JM. Biofiltration of a methanol containing air strewn in a dry tubular biofilm reactor using ceramic rings as carrier. Environmental Progress. Volumen: 27 Número: 1 Páginas: 117-124. | https://doi.org/10.1002/ep.10249 |
| 823 | 2008 | Lichter K, Govaerts B, Six J, Sayre KD, Deckers J, Dendooven L. Aggregation and C and N contents of soil organic matter fractions in a permanent raised-bed planting system in the Highlands of Central Mexico. Plant And Soil. Volumen: 305 Número: 1-2 Páginas: 237-252. | https://doi.org/10.1007/s11104-008-9557-9 |
| 824 | 2008 | Trujillo Tapia N, Mondragon CC, Vasquez Murrieta MS, Van Cleemput O, Dendooven L. Inorganic N dynamics and N2O production from tannery effluents irrigated soil under different water regimes and fertilizer application rates: A laboratory study. Applied Soil Ecology. Volumen: 38 Número: 3 Páginas: 279-288. | https://doi.org/10.1016/j.apsoil.2007.10.017 |
| 825 | 2008 | Aguilar Lopez R. Robust Generic Model Control for dissolved oxygen in activated sludge wastewater plant. Chemical And Biochemical Engineering Quarterly. Volumen: 22 Número: 1 Páginas: 71-79. | https://www.researchgate.net/publication/228362743_Robust_Generic_Model_Control_for_Dissolved_Oxygen_in_Activated_Sludge_Wastewater_Plant |
| 826 | 2008 | Montes Molina JA, Luna Guido ML, Espinoza Paz N, Govaerts B, Gutierrez Miceli FA, Dendooven L. Are extracts of neem (Azadirachta indica A. Juss. (L.)) and Gliricidia sepium (Jacquin) an alternative to control pests on maize (Zea mays L.)?. Crop Protection. Volumen: 27 Número: 3-5 Páginas: 763-774. | https://doi.org/10.1016/j.cropro.2007.11.002 |
| 827 | 2008 | Yanez Fernandez J, Ramos Ramirez EG, Salazar Montoya JA. Rheological characterization of dispersions and emulsions used in the preparation of microcapsules obtained by interfacial polymerization containing Lactobacillus sp. European Food Research And Technology. Volumen: 226 Número: 5 Páginas: 957-966. | https://doi.org/10.1007/s00217-007-0617-9 |
| 828 | 2008 | Valenzuela Encinas C, Neria Gonzalez I, Alcantara Hernandez RJ, Enriquez Aragon JA, Estrada Alvarado I, Hernandez Rodriguez C, Dendooven L, Marsch Moreno R. Phylogenetic analysis of the archaeal community in an alkaline-saline soil of the former lake Texcoco (Mexico). Extremophiles. Volumen: 12 Número: 2 Páginas: 247-254. | https://doi.org/10.1007/s00792-007-0121-y |
| 829 | 2008 | Mancera Lopez M, Esparza Garcia FJ, Chavez Gomez B, Rodríguez Vázquez R, Saucedo Castaneda G, Barrera Cortes J. Bioremediation of an aged hydrocarbon-contaminated soil by a combined system of biostimulation-bioaugmentation with filamentous fungi. International Biodeterioration & Biodegradation. Volumen: 61 Número: 2 Páginas: 151-160. | https://doi.org/10.1016/j.ibiod.2007.05.012 |
| 830 | 2008 | Robles Gonzalez IV, Fava F, Poggi Varaldo HM. A review on slurry bioreactors for bioremediation of soils and sediments. Microbial Cell Factories. Volumen: 7 Número de artículo: 5. | https://doi.org/10.1186/1475-2859-7-5 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 831 | 2008 | Vallejo Becerra V, Marin Zamra ME, Vasquez Bahena JM, Rojas Melgarejo F, Hidalgo Lara ME, Garcia Ruiz PA. Immobilization of recombinant invertase (re-INVB) from Zymomonas mobilis on D-Sorbitol cinnamic ester for production of invert sugar. Journal Of Agricultural And Food Chemistry. Volumen: 56 Número: 4 Páginas: 1392-1397. | https://doi.org/10.1021/jf072646h |
| 832 | 2008 | Galindez Mayer J, Ramon Gallegos J, Ruiz Ordaz N, Juarez Ramirez C, Salmeron Alcocer A, Poggi Varaldo HM. Phenol and 4-chlorophenol biodegradation by yeast Candida tropicalis in a fluidized bed reactor. Biochemical Engineering Journal. Volumen: 38 Número: 2 Páginas: 147-157. | https://doi.org/10.1016/j.bej.2007.06.011 |
| 833 | 2008 | Garcia Salas S, Alfaro MERP, Porter RM, Thalasso F. Measurement of local specific interfacial area in bubble columns via a non-isokinetic withdrawal method coupled to electro-optical detector. Chemical Engineering Science. Volumen: 63 Número: 4 Páginas: 1029-1038. | https://doi.org/10.1016/j.ces.2007.11.003 |
| 834 | 2008 | Miceli FAG, Estudillo AD, Archila MA, Talavera TDA, Dendooven L. Optimization of Renealmia mexicana (Klotzsch ex. Petersen) cultivation in vitro. In Vitro Cellular & Developmental Biology-Plant. Volumen: 44 Número: 1 Páginas: 33-39. | https://doi.org/10.1007/s11627-007-9079-9 |
| 835 | 2008 | Abud Archila M, Vazquez Mandujano DG, Ruiz Cabrera MA, Grajales Lagunes A, Moscosa Santillan M, Ventura Canseco LMC, Gutierrez Miceli FA, Dendooven L. Optimization of osmotic dehydration of yam bean (Pachyrhizus erosus) using an orthogonal experimental design. Journal Of Food Engineering. Volumen: 84 Número: 3 Páginas: 413-419. | https://doi.org/10.1016/j.jfoodeng.2007.06.003 |
| 836 | 2008 | Navarro AK, Pena A, Pérez Guevara F. Endospore dipicolinic acid detection during Bacillus thuringiensis culture. Letters In Applied Microbiology. Volumen: 46 Número: 2 Páginas: 166-170. | https://doi.org/10.1111/j.1472-765X.2007.02277.x |
| 837 | 2008 | Hernandez Escoto H, Aguilar Lopez R, Neria Gonzalez MI, Dominguez Bocanegra AR. Estimation Of A Class Of Stirred Tank Bioreactors With Discrete-Delayed Measurements. 18Th European Symposium On Computer Aided Process Engineering. Colección: Computer Aided Chemical Engineering Volumen: 25 Páginas: 367-373. | https://doi.org/10.1016/S1570-7946(08)80066-1 |
| 838 | 2008 | Puebla H, Cuellar BD, Aguilar Lopez R. Synchronization of Coupled Calcium Oscillators: A Robust Feedback Control Approach. 2008 Chinese Control And Decision Conference, Vols 1-11. Páginas: 4309-+. | https://doi.org/10.1109/CCDC.2008.4598143 |
| 839 | 2008 | Herrera Arreola G, Vasquez Murrieta MS, Cruz Mondragon C, Van Cleemput O, Dendooven L. Nitrous oxide emissions from soils of the semi-arid highlands of Durango, Mexico: A laboratory study. Arid Land Research And Management. Volumen: 22 Número: 3 Páginas: 179-194. | https://doi.org/10.1080/15324980802182964 |
| 840 | 2008 | Ceja Navarro JA, Rivera FN, Patino Zuniga L, Govaerts B, Marsch Moreno R, Dendooven L. PCR-DGGE and phylogenetic approach to analyze the effect of agricultural practices on soil bacterial communities. Consoil 2008: Theme B - Functions And Values Of Soil-Water Systems; Understanding Of Processes. Páginas: 51-+. | https://www.tib.eu/en/search/id/BLCP:CN076355483/PCR-DGGE-and-phylogenetic-approach-to-analyze-the |
| 841 | 2008 | Oliva MA, Rincon R, Zenteno E, Pinto A, Dendooven L, Gutierrez F. Vermicompost rol against sodium chloride stress in the growth and photosynthesis in tamarind plantlets (Tamarindus indica L.). Gayana Botanica. Volumen: 65 Número: 1 Páginas: 10-17. | http://doi.org/10.4067/S0717-66432008000100003 |
| 842 | 2008 | Llaven MAO, Jimenez JLG, Coro BIC, Rincon Rosales R, Molina JM, Dendooven L, Gutierrez Miceli FA. Fruit characteristics of bell pepper cultivated in sheep manure vermicompost substituted soil. Journal Of Plant Nutrition. Volumen: 31 Número: 9 Páginas: 1585-1598. | https://doi.org/10.1080/01904160802244738 |
| 843 | 2008 | Montalvo Hernandez L, Piedra Ibarra E, Gomez Silva L, Lira Carmona R, Acosta Gallegos JA, Vazquez Medrano J, Xoconostle Cazares BG, Ruiz Medrano R. Differential accumulation of mRNAs in drought-tolerant and susceptible common bean cultivars in response to water deficit. New Phytologist. Volumen: 177 Número: 1 Páginas: 102-113. | https://doi.org/10.1111/j.1469-8137.2007.02247.x |
| 844 | 2007 | Sanchez Herrera LM, Ramos Valdivia AC, de la Torre Martinez M, Salgado LM, Ponce Noyola MT. Differential expression of cellulases and xylanases by Cellulomonas flavigena grown on different carbon sources. Applied Microbiology And Biotechnology. Volumen: 77 Número: 3 Páginas: 589-595. | https://doi.org/10.1007/s00253-007-1190-7 |
| 845 | 2007 | Neria Gonzalez MI, Aguilar Lopez R. Tracking trajectories in a continuous anaerobic bioreactor employing a nonlinear proportional controller. International Journal Of Chemical Reactor Engineering. Volumen: 5 Número de artículo: A73. | https://doi.org/10.2202/1542-6580.1469 |
| 846 | 2007 | Gutierrez Miceli FA, Santiago Borraz J, Molina JAM, Nafate CC, Abud Archila M, Llaven MAO, Rincon Rosales R, Dendooven L. Vermicompost as a soil supplement to improve growth, yield and fruit quality of tomato (Lycopersicum esculentum). Bioresource Technology. Volumen: 98 Número: 15 Páginas: 2781-2786. | https://doi.org/10.1016/j.biortech.2006.02.032 |
| 847 | 2007 | Hernandez Suarez R, Puebla H, Aguilar Lopez R. Parametric approach for the optimal design of knockout drums. Industrial & Engineering Chemistry Research. Volumen: 46 Número: 21 Páginas: 7008-7017. | https://doi.org/10.1021/ir0701930 |
| 848 | 2007 | De La Torre Almaraz R, Salazar Segura M, Ruiz Medrano R. Occurrence of a tobamovirus associated with yellow ringspots in prickly pear cactus in Mexico. Agrociencia. Volumen: 41 Número: 7 Páginas: 763-773. | https://produccion.siia.unam.mx/Publicaciones/ProdCientif/PublicacionFrw.aspx?scopus=0&id=362496 |
| 849 | 2007 | Govaerts B, Mezzalama M, Unno Y, Sayre KD, Luna Guido M, Vanherck K, Dendooven L, Deckers J. Influence of tillage, residue management, and crop rotation on soil microbial biomass and catabolic diversity. Applied Soil Ecology. Volumen: 37 Número: 1-2 Páginas: 18-30. | https://doi.org/10.1016/j.apsoil.2007.03.006 |
| 850 | 2007 | Govaerts B, Verhulst N, Sayre KD, De Corte P, Goudeseune B, Lichter K, Crossa J, Deckers J, Dendooven L. Evaluating spatial within plot crop variability for different management practices with an optical sensor?. Plant And Soil. Volumen: 299 Número: 1-2 Páginas: 29-42. | https://doi.org/10.1007/s11104-007-9358-6 |
| 851 | 2007 | Trejo Tapia G, Sepulveda Jimenez G, Trejo Espino JL, Cerda Garcia Rojas CM, de la Torre Martinez M, Rodriguez Monroy M, Ramos Valdivia AC. Hydrodynamic stress induces monoterpenoid oxindole alkaloid accumulation by Uncaria tomentosa (Willd) D.C. cell suspension cultures via oxidative burst. Biotechnology And Bioengineering. Volumen: 98 Número: 1 Páginas: 230-238. | https://doi.org/10.1002/bit.21384 |
| 852 | 2007 | Rivera Espinoza Y, Dendooven L. Dynamics of carbon and nitrogen in a mixture of polycyclic aromatic hydrocarbons contaminated soil amended with organic residues. Environmental Technology. Volumen: 28 Número: 8 Páginas: 883-893. | https://doi.org/10.1080/09593332808618844 |
| 853 | 2007 | Barajas Aceves M, Corona Hernandez J, Rodríguez Vázquez R. Chromium fractionation in semi-arid soils amended with chromium and tannery sludge. Journal Of Hazardous Materials. Volumen: 146 Número: 1-2 Páginas: 91-97. | https://doi.org/10.1016/j.jhazmat.2006.12.001 |
| 854 | 2007 | Aguilar Lopez R. Outlet temperature regulation for a class of plug flow chemical reactor via nonlinear feedback. International Journal Of Chemical Reactor Engineering. Volumen: 5 Número de artículo: A25. | https://doi.org/10.2202/1542-6580.1389 |
| 855 | 2007 | Roldan Martin A, Calva Calva G, Rojas Avelizapa N, Diaz Cervantes MD, Rodríguez Vázquez R. Solid culture amended with small amounts of raw coffee beans for the removal of petroleum hydrocarbon from weathered contaminated soil. International Biodeterioration & Biodegradation. Volumen: 60 Número: 1 Páginas: 35-39. | https://doi.org/10.1016/j.ibiod.2006.10.008 |
| 856 | 2007 | Solano Gonzalez E, Burrola Barraza E, Leon Sicairos C, Avila Gonzalez L, Gutierrez Escolano L, Ortega Lopez J, Arroyo R. The trichomonad cysteine proteinase TVCP4 transcript contains an iron-responsive element. Febs Letters. Volumen: 581 Número: 16 Páginas: 2919-2928. | https://doi.org/10.1016/j.febslet.2007.05.056 |
| 857 | 2007 | Dominguez Bocanegra AR, Ponce Noyola MT, Torres Munoz JA. Astaxanthin production by Phaffia rhodozyma and Haematococcus pluvialis: a comparative study. Applied Microbiology And Biotechnology. Volumen: 75 Número: 4 Páginas: 783-791. | https://doi.org/10.1007/s00253-007-0889-9 |
| 858 | 2007 | Ramos MS, Davila JL, Thalasso F, Guerrero AL, Ramirez Lopez FM, Esparza Garcia FJ, Avelar FJ. Labscale anoxic stabilization ponds operated under high organic loads: long term effect of enrichment with activated sludge. Environmental Technology. Volumen: 28 Número: 6 Páginas: 693-699. | https://doi.org/10.1080/09593332808618829 |
| 859 | 2007 | Herrera Arreola G, Herrera Y, Reyes Reyes BG, Dendooven L. Mesquite (Prosopis juliflora (Sw.) DC.), huisache (Acacia farnesiana (L.) Willd.) and catclaw (Mimosa biuncifera Benth.) and their effect on dynamics of carbon and nitrogen in soils of the semi-arid highlands of Durango Mexico. Journal Of Arid Environments. Volumen: 69 Número: 4 Páginas: 583-598. | https://doi.org/10.1016/j.jaridenv.2006.11.014 |
| 860 | 2007 | Taoka K, Ham BK, Xoconostle Cazares BG, Rojas MR, Lucas WJ. Reciprocal phosphorylation and glycosylation recognition motifs control NCAPP1 interaction with pumpkin phloem proteins and their cell-to-cell movement. Plant Cell. Volumen: 19 Número: 6 Páginas: 1866-1884. | https://doi.org/10.1105/tpc.107.052522 |
| 861 | 2007 | Contreras Ramos SM, Alvarez Bernal D, Dendooven L. Dynamics of nitrogen in a PAHs contaminated soil amended with biosolid or vermicompost in the presence of earthworms. Chemosphere. Volumen: 67 Número: 10 Páginas: 2072-2081. | https://doi.org/10.1016/j.chemosphere.2006.10.069 |
| 862 | 2007 | Perales Vela HV, Gonzalez Moreno S, Montes Horcasitas MC, Canizares Villanueva RO. Growth, photosynthetic and respiratory responses to sub-lethal copper concentrations in Scenedesmus incrassatulus (Chlorophyceae). Chemosphere. Volumen: 67 Número: 11 Páginas: 2274-2281. | https://doi.org/10.1016/j.chemosphere.2006.11.036 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 863 | 2007 | Reyes Reyes BG, Alcantara Henandez R, Rodriguez V, Olalde Portugal V, Dendooven L. Microbial biomass in a semi and soil of the central highlands of Mexico cultivated with maize or under natural vegetation. European Journal Of Soil Biology. Volumen: 43 Número: 3 Páginas: 180-188. | https://doi.org/10.1016/j.ejsobi.2007.02.001 |
| 864 | 2007 | Herrera-Lopez D, Rinderknecht Seijas N, Poggi Varaldo HM. A generalization of the series and parallel-series reaction model for complete mix reactors. Interciencia. Volumen: 32 Número: 5 Páginas: 324-327. | https://ve.scielo.org/scielo.php?script=sci_abstract&pid=S0378-18442007000500008&lng=en&tlng=en |
| 865 | 2007 | Lin MK, Belanger H, Lee YJ, Varkonyi Gasic E, Taoka KI, Miura E, Xoconostle Cazares BG, Gendler K, Jorgensene RA, Phinney B, Lough TJ, Lucas WJ. FLOWERING LOCUS T protein may act as the long-distance florigenic signal in the cucurbits. Plant Cell. Volumen: 19 Número: 5 Páginas: 1488-1506. | https://doi.org/10.1105/tpc.107.051920 |
| 866 | 2007 | Jimenez Hernandez J, Salazar Montoya JA, Ramos Ramirez EG. Physical, chemical and microscopic characterization of a new starch from chayote (Sechium edule) tuber and its comparison with potato and maize starches. Carbohydrate Polymers. Volumen: 68 Número: 4 Páginas: 679-686. | https://doi.org/10.1016/j.carbpol.2006.07.035 |
| 867 | 2007 | Barrera Islas GA, Ramos Valdivia AC, Salgado LM, Ponce Noyola MT. Characterization of a beta-glucosidase produced by a high-specific growth-rate mutant of Cellulomonas flavigena. Current Microbiology. Volumen: 54 Número: 4 Páginas: 266-270. | https://doi.org/10.1007/s00284-006-0105-7 |
| 868 | 2007 | Barragan Huerta BE, Costa Perez C, Peralta Cruz J, Barrera Cortes J, Esparza Garcia FJ, Rodríguez Vázquez R. Biodegradation of organochlorine pesticides by bacteria grown in microniches of the porous structure of green bean coffee. International Biodeterioration & Biodegradation. Volumen: 59 Número: 3 Páginas: 239-244. | https://doi.org/10.1016/j.ibiod.2006.11.001 |
| 869 | 2007 | Aguilar Lopez R, Soto Cortes G, Neria Gonzalez MI, Escarela Perez R. Tracking unmodelled signals of nonlinear systems via robust sliding mode observer: Application to reacting systems. Journal Of Applied Research And Technology. Volumen: 5 Número: 1 Páginas: 10-21. | https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-64232007000100002 |
| 870 | 2007 | Santiago Hernandez A, Vega Estrada J, Montes Horcasitas MC, Hidalgo Lara ME. Purification and characterization of two sugarcane bagasse-absorbable thermophilic xylanases from the mesophilic Cellulomonas flavigena. Journal Of Industrial Microbiology & Biotechnology. Volumen: 34 Número: 4 Páginas: 331-338. | https://doi.org/10.1007/s10295-006-0202-4 |
| 871 | 2007 | Solis Dominguez FA, Gonzalez Chavez MC, Carrillo Gonzalez R, Rodríguez Vázquez R. Accumulation and localization of cadmium in Echinochloa polystachya grown within a hydroponic system. Journal Of Hazardous Materials. Volumen: 141 Número: 3 Páginas: 630-636. | https://doi.org/10.1016/j.jhazmat.2006.07.014 |
| 872 | 2007 | Ortega Clemente A, Marin Mezo G, Ponce Noyola MT, Montes Horcasitas MC, Caffarel Mendez S, Barrera Cortes J, Poggi Varaldo HM. Comparison of two continuous fungal bioreactors for posttreatment of anaerobically pretreated weak black liquor from Kraft pulp mills. Biotechnology And Bioengineering. Volumen: 96 Número: 4 Páginas: 640-650. | https://doi.org/10.1002/bit.21134 |
| 873 | 2007 | Pedroza AM, Mosqueda R, Alonso Vante N, Rodríguez Vázquez R. Sequential treatment via Trametes versicolor and UV/TiO2/RuxSey to reduce contaminants in waste water resulting from the bleaching process during paper production. Chemosphere. Volumen: 67 Número: 4 Páginas: 793-801. | https://doi.org/10.1016/j.chemosphere.2006.10.015 |
| 874 | 2007 | Luna Velasco MA, Esparza Garcia FJ, Canizares Villanueva RO, Rodríguez Vázquez R. Production and properties of a bioemulsifier synthesized by phenanthrene-degrading Penicillium sp. Process Biochemistry. Volumen: 42 Número: 3 Páginas: 310-314. | https://doi.org/10.1016/j.procbio.2006.08.015 |
| 875 | 2007 | Aguilar Lopez R, Martinez Guerra R. Robust state estimation for repetitive operating mode process: Application to sequencing batch reactors. Chemical Engineering Journal. Volumen: 126 Número: 2-3 Páginas: 155-161. | https://doi.org/10.1016/j.cej.2006.09.003 |
| 876 | 2007 | Beltran Hernandez RI, Luna Guido ML, Dendooven L. Emission of carbon dioxide and dynamics of inorganic N in a gradient of alkaline saline soils of the former lake Texcoco. Applied Soil Ecology. Volumen: 35 Número: 2 Páginas: 390-403. | https://doi.org/10.1016/j.apsoil.2006.07.005 |
| 877 | 2007 | Vasquez Murrieta MS, Govaerts B, Dendooven L. Microbial biomass C measurements in soil of the central highlands of Mexico. Applied Soil Ecology. Volumen: 35 Número: 2 Páginas: 432-440. | https://doi.org/10.1016/j.apsoil.2006.06.005 |
| 878 | 2007 | Govaerts B, Sayre KD, Lichter K, Dendooven L, Deckers J. Influence of permanent raised bed planting and residue management on physical and chemical soil quality in rain fed maize/wheat systems. Plant And Soil. Volumen: 291 Número: 1-2 Páginas: 39-54. | https://doi.org/10.1007/s11104-006-9172-6 |
| 879 | 2007 | Mancera Lopez ME, Rodriguez Casasola MT, Rios Leal E, Esparza Garcia FJ, Chavez Gomez B, Rodríguez Vázquez R, Barrera Cortes J. Fungi and bacteria isolated from two highly polluted soils for hydrocarbon degradation. Acta Chimica Slovenica. Volumen: 54 Número: 1 Páginas: 201-209. | https://www.semanticscholar.org/paper/Fungi-and-Bacteria-Isolated-from-Two-Highly-Soils-a-Barrera-Cortés/1ae9c3941562da13704a3533eea245b0271c906b |
| 880 | 2007 | Herrera Lopez D, Poggi Varaldo HM. A generalization of the model of reactions in series for reactor of complete mixture. Afinidad. Volumen: 64 Número: 527 Páginas: 41-47. | https://www.researchgate.net/publication/290203938_A_generalization_of_the_model_of_reactions_in_series_for_reactor_of_complete_mixture |
| 881 | 2007 | Amezcua Vega C, Poggi Varaldo HM, Esparza Garcia FJ, Rios Leal E, Rodríguez Vázquez R. Effect of culture conditions on fatty acids composition of a biosurfactant produced by Candida ingens and changes of surface tension of culture media. Bioresource Technology. Volumen: 98 Número: 1 Páginas: 237-240. | https://doi.org/10.1016/j.biortech.2005.11.025 |
| 882 | 2007 | Ruiz Medrano R, Moya JH, Xoconostle Cazares BG, Lucas WJ. Influence of cucumber mosaic virus infection on the mRNA population present in the phloem translocation stream of pumpkin plants. Functional Plant Biology. Volumen: 34 Número: 4 Páginas: 292-301. | https://doi.org/10.1071/FP06300 |
| 883 | 2007 | Barrera Figueroa BE, Pena Castro JM, Acosta Gallegos JA, Ruiz Medrano R, Xoconostle Cazares BG. Isolation of dehydration-responsive genes in a drought tolerant common bean cultivar and expression of a group 3 late embryogenesis abundant mRNA in tolerant and susceptible bean cultivars. Functional Plant Biology. Volumen: 34 Número: 4 Páginas: 368-381. | https://doi.org/10.1071/FP06224 |
| 884 | 2007 | Alvarez Bernal D, Contreras Ramos S, Marsch Moreno R, Dendooven L. Influence of catclaw Mimosa monancistra on the dissipation of soil PAHs. International Journal Of Phytoremediation. Volumen: 9 Número: 1-3 Páginas: 79-90. | https://doi.org/10.1080/15226510701232690 |
| 885 | 2007 | Vivar Vera MA, Salazar Montoya JA, Calva Calva G, Ramos Ramirez EG. Extraction, thermal stability and kinetic behavior of pectinmethylesterase from hawthorn (Crataegus pubescens) fruit. Lwt-Food Science And Technology. Volumen: 40 Número: 2 Páginas: 278-284. | https://doi.org/10.1016/j.lwt.2005.10.005 |
| 886 | 2007 | Baruch I, Mariaca Gaspar CR, Cruz Vega I, Barrera Cortes J. Sliding mode control of a hydrocarbon degradation in biopile system using recurrent neural network model. Micai 2007: Advances In Artificial Intelligence. Colección: Lecture Notes in Artificial Intelligence Volumen: 4827 Páginas: 1184-+. | https://doi.org/10.1007/978-3-540-76631-5_113 |
| 887 | 2007 | Vazquez Nunez E, Dendooven L, Marsch Moreno R. Analysis of profile of bacterial populations in a soil polluted with anthracene. Progress In Environmental Science And Technology, Vol I. Páginas: 1155-1158. | https://www.zhangqiaokeyan.com/academic-conference-foreign_progress-in-environmental-science-technology_thesis/020511181100.html |
| 888 | 2007 | Ortega Clemente A, Ponce Noyola MT, Montes Horcasitas MC, Vicent MT, Barrera Cortes J, Poggi Varaldo HM. Semi-continuous treatment of recalcitrant anaerobic effluent from pulp and paper industry using hybrid pellets of Trametes versicolor. Water Science And Technology. Volumen: 55 Número: 6 Páginas: 125-133. | https://doi.org/10.2166/wst.2007.220 |
| 889 | 2006 | Vasquez Bahena JM, Vega Estrada J, Santiago Hernandez JA, Ortega Lopez J, Flores Cotera LB, Montes Horcasitas MC, Hidalgo Lara ME. Expression and improved production of the soluble extracellular invertase from Zymomonas mobilis in Escherichia coli. Enzyme And Microbial Technology. Volumen: 40 Número: 1 Número especial: SI Páginas: 61-66. | https://doi.org/10.1016/j.enzmictec.2005.11.051 |
| 890 | 2006 | Santiago Hernandez JA, Vasquez Bahena JM, Calixto Romo MA, Xoconostle Cazares BG, Ortega Lopez J, Ruiz Medrano R, Montes Horcasitas MC, Hidalgo Lara ME. Direct immobilization of a recombinant invertase to Avicel by E-coli overexpression of a fusion protein containing the extracellular invertase from Zymomonas mobilis and the carbohydrate-binding domain CBDCex from Cellulomonas fimi. Enzyme And Microbial Technology. Volumen: 40 Número: 1 Número especial: SI Páginas: 172-176. | https://doi.org/10.1016/j.enzmictec.2005.10.052 |
| 891 | 2006 | Barrera Cortes J, Manilla Perez E, Poggi Varaldo HM. Oxygen transfer to slurries treated in a rotating drum operated at atmospheric pressure. Bioprocess And Biosystems Engineering. Volumen: 29 Número: 5-6 Páginas: 391-398. | https://doi.org/10.1007/s00449-006-0088-6 |
| 892 | 2006 | Alvarez Bernal D, Garcia Diaz EL, Contreras Ramos SM, Dendooven L. Dissipation of polycyclic aromatic hydrocarbons from soil added with manure or vermicompost. Chemosphere. Volumen: 65 Número: 9 Páginas: 1642-1651. | https://doi.org/10.1016/j.chemosphere.2006.02.028 |
| 893 | 2006 | Ruiz Herrera J, Xoconostle Cazares BG, Reynaga Pena CG, Leon Ramirez C, Carabez Trejo A. Immunolocalization of chitin synthases in the phytopathogenic dimorphic fungus Ustilago maydis. Fems Yeast Research. Volumen: 6 Número: 7 Páginas: 999-1009. | https://doi.org/10.1111/j.1567-1364.2006.00133.x |
| 894 | 2006 | Valdez Vazquez I, Rios Leal E, Munoz Paez KM, Carmona Martinez A, Poggi Varaldo HM. Effect of inhibition treatment, type of inocula, and incubation temperature on batch H-2 production from organic solid waste. Biotechnology And Bioengineering. Volumen: 95 Número: 3 Páginas: 342-349. | https://doi.org/10.1002/bit.20891 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 895 | 2006 | Alvarez Bernal D, Contreras Ramos SM, Trujillo Tapia N, Olalde Portugal V, Frias Hernandez JT, Dendooven L. Effects of tanneries wastewater on chemical and biological soil characteristics. Applied Soil Ecology. Volumen: 33 Número: 3 Páginas: 269-277. | https://doi.org/10.1016/j.apsoil.2005.10.007 |
| 896 | 2006 | Melendez Estrada J, Amezcua Allieri MA, Alvarez PJJ, Rodríguez Vázquez R. Phenanthrene removal by Penicillium frequentans grown on a solid-state culture: Effect of oxygen concentration. Environmental Technology. Volumen: 27 Número: 10 Páginas: 1073-1080. | https://doi.org/10.1080/09593332708618720 |
| 897 | 2006 | Roldan Martin A, Esparza Garcia FJ, Calva Calva G, Rodríguez Vázquez R. Effects of mixing low amounts of orange peel (Citrus reticulata) with hydrocarbon-contaminated soil in solid culture to promote remediation. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 41 Número: 10 Páginas: 2373-2385. | https://doi.org/10.1080/10934520600873548 |
| 898 | 2006 | Gutierrez Miceli FA, Oliva Llaven MA, Rincon Rosales R, Dendooven L. Selection of sugarcane genotypes using callus culture traits. Agrociencia. Volumen: 40 Número: 5 Páginas: 605-611. | https://www.researchgate.net/publication/289834041_Selection_of_sugarcane_genotypes_using_callus_culture_traits |
| 899 | 2006 | Franco Hernandez O, Dendooven L. Dynamics of C, N and P in soil amended with biosolids from a pharmaceutical industry producing cephalosporines or third generation antibiotics: A laboratory study. Bioresource Technology. Volumen: 97 Número: 13 Páginas: 1563-1571. | https://doi.org/10.1016/j.biortech.2005.06.007 |
| 900 | 2006 | Robles Gonzalez I, Rios Leal E, Ferrera Cerrato R, Esparza Garcia FJ, Rinderkenecht Seijas N, Poggi Varaldo HM. Bioremediation of a mineral soil with high contents of clay and organic matter contaminated with herbicide 2,4-dichlorophenoxyacetic acid using slurry bioreactors: Effect of electron acceptor and supplementation with an organic carbon source. Process Biochemistry. Volumen: 41 Número: 9 Páginas: 1951-1960. | https://doi.org/10.1016/j.procbio.2006.04.004 |
| 901 | 2006 | Garibay Orijel C, Hoyo Vadillo C, Ponce Noyola MT, Garcia Mena J, Poggi Varaldo HM. Impact of long-term partial aeration on the removal of 2,4,6-trichlorophenol in an initially methanogenic fluidized bed bioreactor. Biotechnology And Bioengineering. Volumen: 94 Número: 5 Páginas: 949-960. | https://doi.org/10.1002/bit.20918 |
| 902 | 2006 | De la Torre Sanchez R, Baruch I, Barrera Cortes J. Neural prediction of hydrocarbon degradation profiles developed in a biopile. Expert Systems With Applications. Volumen: 31 Número: 2 Páginas: 383-389. | https://doi.org/10.1016/j.eswa.2005.09.056 |
| 903 | 2006 | Montanez Soto JL, Alegret S, Salazar Montoya JA, Ramos Ramirez EG. A new amperometric biosensor for fructose determination based on epoxy-graphite-TTF-TCNQ-FDH-biocomposite. European Food Research And Technology. Volumen: 223 Número: 3 Páginas: 379-386. | https://doi.org/10.1007/s00217-005-0215-7 |
| 904 | 2006 | Ortega Clemente A, Estrada Vazquez C, Rinderknecht Seijas N, Caffarel Mendez S, Esparza Garcia FJ, Poggi Varaldo HM. Integrated biological treatment of wastewater from the Kraft cellulose industry. Ingenieria Quimica. Número: 29 Páginas: 74-87. | https://www.researchgate.net/publication/299157556_Integrated_biological_treatment_of_wastewater_from_the_Kraft_cellulose_industry |
| 905 | 2006 | Perales Vela HV, Pena Castro JM, Canizares Villanueva RO. Heavy metal detoxification in eukaryotic microalgae. Chemosphere. Volumen: 64 Número: 1 Páginas: 1-10. | https://doi.org/10.1016/j.chemosphere.2005.11.024 |
| 906 | 2006 | Contreras Ramos SM, Alvarez Bernal D, Dendooven L. Eisenia fetida increased removal of polycyclic aromatic hydrocarbons from soil. Environmental Pollution. Volumen: 141 Número: 3 Páginas: 396-401. | https://doi.org/10.1016/j.envpol.2005.08.057 |
| 907 | 2006 | Aguilar Lopez R, Martinez Guerra R, Mendoza Camargo J, Neria Gonzalez MI. Monitoring of an industrial wastewater plant employing finite-time convergence observer. Journal Of Chemical Technology And Biotechnology. Volumen: 81 Número: 6 Páginas: 851-857. | https://doi.org/10.1002/jctb.1458 |
| 908 | 2006 | Mena Violante HG, Ocampo Jimenez O, Dendooven L, Martinez Soto G, Gonzalez Castaneda J, Davies FT, Olalde Portugal V. Arbuscular mycorrhizal fungi enhance fruit growth and quality of chile ancho (Capsicum annuum L. cv San Luis) plants exposed to drought. Mycorrhiza. Volumen: 16 Número: 4 Páginas: 261-267. | https://doi.org/10.1007/s00572-006-0043-z |
| 909 | 2006 | Valdez Vazquez I, Rios Leal, E, Carmona Martinez A, Munoz Paez KM, Poggi Varaldo HM. Improvement of biohydrogen production from solid wastes by intermittent venting and gas flushing of batch reactors headspace. Environmental Science & Technology. Volumen: 40 Número: 10 Páginas: 3409-3415. | https://doi.org/10.1021/es052119j |
| 910 | 2006 | De la Torre Almaraz R, Romero Rodriguez A, Monsalvo Reyes AC, Medina Ramos G, Torres Pacheco I, Ruiz Medrano R. Biological characterization of a geminivirus associated with abutilon (Abutilon x hybridum Hort. Ex. Voss. Malvacea) yellow mosaic virus in Mexico. Agrociencia. Volumen: 40 Número: 3 Páginas: 335-347. | https://www.scopus.com/record/display.uri?eid=2-s2.0-33646396459&origin=inward&txGid=9ac6e6330d9bb35ecb13dbb5a19ed095 |
| 911 | 2006 | Navarro AK, Farrera RR, Lopez R, Pérez Guevara F. Relationship between poly-beta-hydroxybutyrate production and delta-endotoxin for Bacillus thuringiensis var. kurstaki. Biotechnology Letters. Volumen: 28 Número: 9 Páginas: 641-644. | https://doi.org/10.1007/s10529-006-0029-0 |
| 912 | 2006 | Vasquez Murrieta MS, Cruz Mondragon C, Trujillo Tapia N, Heffera Arreola G, Govaerts B, Van Cleemput O, Dendooven L. Nitrous oxide production of heavy metal contaminated soil. Soil Biology & Biochemistry. Volumen: 38 Número: 5 Páginas: 931-940. | https://doi.org/10.1016/j.soilbio.2005.08.007 |
| 913 | 2006 | Amaya Delgado L, Vega Estrada J, Flores Cotera LB, Dendooven L, Hidalgo Lara ME, Montes Horcasitas MC. Induction of xylanases by sugar cane bagasse at different cell densities of Cellulomonas flavigena. Applied Microbiology And Biotechnology. Volumen: 70 Número: 4 Páginas: 477-481. | https://doi.org/10.1007/s00253-005-0096-5 |
| 914 | 2006 | Vasquez Murrieta M, Migueles Gardunno I, Franco Hernandez O, Govaerts B, Dendooven L. C and N mineralization and microbial biomass in heavy-metal contaminated soil. European Journal Of Soil Biology. Volumen: 42 Número: 2 Páginas: 89-98. | https://doi.org/10.1016/j.ejsobi.2005.10.002 |
| 915 | 2006 | Robles Gonzalez IV, Rios Leal E, Galindez Mayer J, Caffarel Mendez S, Barrera Cortes J, Esparza Garcia FJ, Poggi Varaldo HM. Adsorptive-desorptive behaviour of lindane in an agricultural soil. Interciencia. Volumen: 31 Número: 4 Páginas: 305-308. | https://www.researchgate.net/publication/287486457_Adsorptive-desorptive_behaviour_of_lindane_in_an_agricultural_soil |
| 916 | 2006 | Pena Castro JM, Barrera Figueroa BE, Fernandez Linares L, Ruiz Medrano R, Xoconostle Cazares BG. Isolation and identitication of up-regulated genes in bermudagrass roots (Cynodon dactylon L.) grown under petroleum hydrocarbon stress. Plant Science. Volumen: 170 Número: 4 Páginas: 724-731. | https://doi.org/10.1016/j.plantsci.2005.11.004 |
| 917 | 2006 | Ramon Luing LA, Cruz Migoni A, Ruiz Medrano R, Xoconostle Cazares BG, Ortega Lopez J. One-step purification and immobilization in cellulose of the GroEL apical domain fused to a carbohydrate-binding module and its use in protein refolding. Biotechnology Letters. Volumen: 28 Número: 5 Páginas: 301-307. | https://doi.org/10.1007/s10529-005-5714-x |
| 918 | 2006 | Betancur Galvis LA, Alvarez Bernal D, Ramos Valdivia AC, Dendooven L. Bioremediation of polycyclic aromatic hydrocarbon-contaminated saline-alkaline soils of the former Lake Texcoco. Chemosphere. Volumen: 62 Número: 11 Páginas: 1749-1760. | https://doi.org/10.1016/j.chemosphere.2005.07.026 |
| 919 | 2006 | Cortes Espinosa D, Fernandez Perrino F, Arana Cuenca A, Esparza Garcia FJ, Loera O, Rodríguez Vázquez R. Selection and identification of fungi isolated from sugarcane bagasse and their application for phenanthrene removal from soil. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 41 Número: 3 Páginas: 475-486. | https://doi.org/10.1080/10934520500428351 |
| 920 | 2006 | Amezcua Allieri MA, Rodríguez Vázquez R. Bioavailable cadmium during the bioremediation of phenanthrene-contaminated soils using the diffusive gradients in thin-film technique. Letters In Applied Microbiology. Volumen: 42 Número: 3 Páginas: 296-299. | https://doi.org/10.1111/j.1472-765X.2005.01848.x |
| 921 | 2006 | Saldana S, Guadarrama FE, Flores TDO, Arias N, Lopez S, Arias C, Ruiz Medrano R, Mason H, Mor T, Richter L, Arntzen CJ, Lim MAG. Production of rotavirus-like particles in tomato (Lycopersicon esculentum L.) fruit by expression of capsid proteins VP2 and VP6 and immunological studies. Viral Immunology. Volumen: 19 Número: 1 Páginas: 42-53. | https://doi.org/10.1089/vim.2006.19.42 |
| 922 | 2006 | Zaleta Rivera K, Xu CP, Yu FG, Butchko RAE, Proctor RH, Hidalgo Lara ME, Raza A, Dussault PH, Du LC. A bidomain nonribosomal peptide synthetase encoded by FUM14 catalyzes the formation of tricarballylic esters in the biosynthesis of fumonisins. Biochemistry. Volumen: 45 Número: 8 Páginas: 2561-2569. | https://doi.org/10.1021/bi052085s |
| 923 | 2006 | Martinez Toledo A, Rios Leal E, Vazquez Duhalt R, Gonzalez Chavez MD, Esparza Garcia FJ, Rodríguez Vázquez R. Role of phenanthrene in rhamnolipid production by P-putida in different media. Environmental Technology. Volumen: 27 Número: 2 Páginas: 137-142. | https://doi.org/10.1080/09593332708618628 |
| 924 | 2006 | Garibay Orijel C, Ahring BK, Rinderknecht Seijas N, Poggi Varaldo HM. A simple model for simultaneous methanogenic-denitrification systems. Journal Of Chemical Technology And Biotechnology. Volumen: 81 Número: 2 Páginas: 173-181. | https://doi.org/10.1002/jctb.1376 |
| 925 | 2006 | Govaerts B, Sayre KD, Ceballos Ramirez JM, Luna Guido ML , Limon Ortega A, Deckers J, Dendooven L. Conventionally tilled and permanent raised beds with different crop residue management: Effects on soil C and N dynamics. Plant And Soil. Volumen: 280 Número: 1-2 Páginas: 143-155. | https://doi.org/10.1007/s11104-005-2854-7 |
| 926 | 2006 | Dendooven L, Vega Jarquin C, Cruz Mondragon C, Van Cleemput O, Marsch Moreno R. Dynamics of inorganic nitrogen in nitrate and glucose-amended alkaline-saline soil. Plant And Soil. Volumen: 279 Número: 1-2 Páginas: 243-252. | https://doi.org/10.1007/s11104-005-1359-8 |
| 927 | 2006 | Amaya Delgado L, Hidalgo Lara ME, Montes Horcasitas MC. Hydrolysis of sucrose by invertase immobilized on nylon-6 microbeads. Food Chemistry. Volumen: 99 Número: 2 Páginas: 299-304. | https://doi.org/10.1016/j.foodchem.2005.07.048 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 928 | 2006 | Solano Gonzalez E, Alvarez Sanchez ME, Avila Gonzalez L, Rodriguez Vargas VH, Arroyo R, Ortega Lopez J. Location of the cell-binding domain of CP65, a 65 kDa cysteine proteinase involved in Trichomonas vaginalis cytotoxicity. International Journal Of Biochemistry & Cell Biology. Volumen: 38 Número: 12 Páginas: 2114-2127. | https://doi.org/10.1016/j.biocdl.2006.06.003 |
| 929 | 2006 | Ponce Mendoza A, Boeckx P, Gutierrez Miceli F, Van Cleemput O, Dendooven L. Influence of water regime and N availability on the emission of nitrous oxide and carbon dioxide from tropical, semi-arid soils of Chiapas, Mexico. Journal Of Arid Environments. Volumen: 64 Número: 1 Páginas: 137-151. | https://doi.org/10.1016/j.jaridenv.2005.05.001 |
| 930 | 2005 | Genina Soto P, Altamirano Morales SB. Osmotic dehydration of sweet potato, apple and potato. Interciencia. Volumen: 30 Número: 8 Páginas: 485-487. | https://www.researchgate.net/publication/287718671_Osmotic_dehydration_of_sweet_potato_apple_and_potato |
| 931 | 2005 | Molina DEV, De Los Santos A, Guzman KAL, Muniz OS, Mendez MV, Rosales, RR, Llaven MAO, Dendooven L, Gutierrez Miceli FA. Sugar cane buds as an efficient explant for plantlet regeneration. Biologia Plantarum. Volumen: 49 Número: 4 Páginas: 481-485. | https://doi.org/10.1007/s10535-005-0035-4 |
| 932 | 2005 | Garcia Salas S, Orozco-Alvarez C, Porter RM, Thalasso F. Measurement of local gas holdup in bubble columns via a non-isokinetic withdrawal method. Chemical Engineering Science. Volumen: 60 Número: 24 Páginas: 6929-6938. | https://doi.org/10.1016/j.ces.2005.06.010 |
| 933 | 2005 | Valdez Vazquez I, Sparling R, Risbey D, Rinderknecht Seijas N, Poggi Varaldo HM. Hydrogen generation via anaerobic fermentation of paper mill wastes. Bioresource Technology. Volumen: 96 Número: 17 Páginas: 1907-1913. | https://doi.org/10.1016/j.biortech.2005.01.036 |
| 934 | 2005 | Jimenez Avalos HA, Ramos Ramirez EG, Salazar Montoya JA. Viscoelastic characterization of gum arabic and maize starch mixture using the Maxwell model. Carbohydrate Polymers. Volumen: 62 Número: 1 Páginas: 11-18. | https://doi.org/10.1016/j.carbpol.2005.07.007 |
| 935 | 2005 | Chavez C, Castillo R, Dendooven L, Escamilla Silva EM. Poultry slaughter wastewater treatment with an up-flow anaerobic sludge blanket (UASB) reactor. Bioresource Technology. Volumen: 96 Número: 15 Páginas: 1730-1736. | https://doi.org/10.1016/j.biortech.2004.08.017 |
| 936 | 2005 | Amezcua Allieri MA, Lead JR, Rodríguez Vázquez R. Impact of microbial activity on copper, lead and nickel mobilization during the bioremediation of soil PAHs. Chemosphere. Volumen: 61 Número: 4 Páginas: 484-491. | https://doi.org/10.1016/j.chemosphere.2005.03.002 |
| 937 | 2005 | Valdez Vazquez I, Rios Leal E, Esparza Garcia FJ, Cecchi F, Poggi Varaldo HM. Semi-continuous solid substrate anaerobic reactors for H-2 production from organic waste: Mesophilic versus thermophilic regime. International Journal Of Hydrogen Energy. Volumen: 30 Número: 13-14 Páginas: 1383-1391. | https://doi.org/10.1016/j.ijhydene.2004.09.016 |
| 938 | 2005 | Garibay Orijel C, Rios Leal E, Garcia Mena J, Poggi Varaldo HM. 2,4,6-Trichlorophenol and phenol removal in methanogenic and partially-aerated methanogenic conditions in a fluidized bed bioreactor. Journal Of Chemical Technology And Biotechnology. Volumen: 80 Número: 10 Páginas: 1180-1187. | https://doi.org/10.1002/jctb.1313 |
| 939 | 2005 | Rodriguez Tovar AV, Ruiz Medrano R, Herrera Martinez A, Barrera Figueroa BE, Hidalgo Lara ME, Reyes Marquez BE, Cabrera Ponce JL, Valdes M, Xoconostle Cazares BG. Stable genetic transformation of the ectomycorrhizal fungus Pisolithus tinctorius. Journal Of Microbiological Methods. Volumen: 63 Número: 1 Páginas: 45-54. | https://doi.org/10.1016/j.mimet.2005.02.016 |
| 940 | 2005 | Piedra Ibarra E, De La Torre Almaraz R, Zuniga G, Xoconostle Cazares BG, Ruiz Medrano R. Leonotis nepetaefolia: An important plant virus reservoir in central Mexico. Phytoparasitica. Volumen: 33 Número: 5 Páginas: 480-494. | https://doi.org/10.1007/BF02981397 |
| 941 | 2005 | Hidalgo Lara ME, Farres GSA, Montes Horcasitas MC. beta-methyl-xyloside: positive effect on xylanase induction in Cellulomonas flavigena. Journal Of Industrial Microbiology & Biotechnology. Volumen: 32 Número: 8 Páginas: 345-348. | https://doi.org/10.1007/s10295-005-0258-6 |
| 942 | 2005 | Vega Estrada J, Montes Horcasitas MC, Dominguez Bocanegra AR, Canizares Villanueva RO. Haematococcus pluvialis cultivation in split-cylinder internal-loop airlift photobioreactor underaeration conditions avoiding cell damage. Applied Microbiology And Biotechnology. Volumen: 68 Número: 1 Páginas: 31-35. | https://doi.org/10.1007/s00253-004-1863-4 |
| 943 | 2005 | Lucho Constantino CA, Prieto Garcia F, Del Razo LM, Rodríguez Vázquez R, Poggi Varaldo HM. Chemical fractionation of boron and heavy metals in soils irrigated with wastewater in central Mexico. Agriculture Ecosystems & Environment. Volumen: 108 Número: 1 Páginas: 57-71. | https://doi.org/10.1016/j.agee.2004.12.013 |
| 944 | 2005 | Garcia Mena J, Cano Ramirez C, Garibay Orijel C, Ramirez Canseco S, Poggi Varaldo HM. A PCR method for the detection and differentiation of Lentinus edodes and Trametes versicolor in defined-mixed cultures used for wastewater treatment. Applied Microbiology And Biotechnology. Volumen: 67 Número: 4 Páginas: 524-531. | https://doi.org/10.1007/s00253-004-1795-z |
| 945 | 2005 | Feria Romero I, Lazo E, Ponce Noyola MT, Cerda Garcia Rojas CM, Ramos Valdivia AC. Induced accumulation of oleanolic acid and ursolic acid in cell suspension cultures of Uncaria tomentosa. Biotechnology Letters. Volumen: 27 Número: 12 Páginas: 839-843. | https://doi.org/10.1007/s10529-005-6215-7 |
| 946 | 2005 | Poggi Varaldo HM, Alzate Gaviria LM, Perez Hernandez A, Nevarez Morillon VG, Rinderknecht Seijas N. A side-by-side comparison of two systems of sequencing coupled reactors for anaerobic digestion of the organic fraction of municipal solid waste. Waste Management & Research. Volumen: 23 Número: 3 Páginas: 270-280. | https://doi.org/10.1177/0734242X05054166 |
| 947 | 2005 | Trejo Tapia G, Cerda Garcia Rojas CM, Rodriguez Monroy M, Ramos Valdivia AC. Monoterpenoid oxindole alkaloid production by Uncaria tomentosa (Willd) DC cell suspension cultures in a stirred tank bioreactor. Biotechnology Progress. Volumen: 21 Número: 3 Páginas: 786-792. | https://doi.org/10.1021/bp049608s |
| 948 | 2005 | Gracida J, Pérez Guevara F, Cardoso Martinez J. Thermal and dynamic mechanical properties of binary blends of bacterial copolyester poly(hydroxybutyrate-co-hydroxyvalerate) (PHBHV) with poly(2-hydroxyethylmethacrylate) (PHEMA). Journal Of Materials Science. Volumen: 40 Número: 9-10 Páginas: 2565-2567. | https://doi.org/10.1007/s10853-005-2076-7 |
| 949 | 2005 | Flores Cotera LB, Garcia Salas S. Gas holdup, foaming and oxygen transfer in a jet loop bioreactor with artificial foaming media and yeast culture. Journal Of Biotechnology. Volumen: 116 Número: 4 Páginas: 387-396. | https://doi.org/10.1016/j.jbiotec.2004.12.011 |
| 950 | 2005 | Contreras Ramos SM, Escamilla Silva EM, Dendooven L. Vermicomposting of biosolids with cow manure and oat straw. Biology And Fertility Of Soils. Volumen: 41 Número: 3 Páginas: 190-198. | https://doi.org/10.1007/s00374-004-0821-8 |
| 951 | 2005 | Lucho Constantino CA, Alvarez Suarez M, Beltran Hernandez RI, Prieto Garcia F, Poggi Varaldo HM. A multivariate analysis of the accumulation and fractionation of major and trace elements in agricultural soils in Hidalgo State, Mexico irrigated with raw wastewater. Environment International. Volumen: 31 Número: 3 Páginas: 313-323. | https://doi.org/10.1016/j.envint.2004.08.002 |
| 952 | 2005 | Conde E, Cardenas M, Ponce Mendoza A, Luna Guido ML, Cruz Mondragon C, Dendooven L. The impacts of inorganic nitrogen application on mineralization of C-14-labelled maize and glucose, and on priming effect in saline alkaline soil. Soil Biology & Biochemistry. Volumen: 37 Número: 4 Páginas: 681-691. | https://doi.org/10.1016/j.soilbio.2004.08.026 |
| 953 | 2005 | Amezcua Allieri MA, Lead JR, Rodríguez Vázquez R. Changes of chromium behavior in soil during phenanthrene removal by Penicillium frequentans. Biometals. Volumen: 18 Número: 1 Páginas: 23-29. | https://doi.org/10.1007/s10534-004-5771-y |
| 954 | 2005 | Ocadiz R, Orozco E, Carrillo E, Quintas LI, Ortega Lopez J, Garcia Perez RM, Sanchez T, Castillo Juarez BA, Garcia Rivera G, Rodriguez MA. EhCP112 is an Entamoeba histolytica secreted cysteine protease that may be involved in the parasite-virulence. Cellular Microbiology. Volumen: 7 Número: 2 Páginas: 221-232. | https://doi.org/10.1111/j.1462-5822.2004.00453.x |
| 955 | 2005 | Moreno Brito V, Yanez Gomez C, Meza Cervantez P, Avila Gonzalez L, Rodriguez MA, Ortega Lopez J, Gonzalez Robles A, Arroyo R. Trichomonas vaginalis 120 kDa protein with identity to hydrogenosome pyruvate : ferredoxin oxidoreductase is a surface adhesin induced by iron. Cellular Microbiology. Volumen: 7 Número: 2 Páginas: 245-258. | https://doi.org/10.1111/j.1462-5822.2004.00455.x |
| 956 | 2005 | Baruch IS, Georgieva P, Barrera Cortes J, de Azevedo SF. Adaptive recurrent neural network control of biological wastewater treatment. International Journal Of Intelligent Systems. Volumen: 20 Número: 2 Páginas: 173-193. | https://doi.org/10.1002/int.20061 |
| 957 | 2005 | Gutierrez Miceli FA, Rodriguez Mendiola MA, Ochoa Alejo N, Mendez Salas R, Arias Castro C, Dendooven L. Sucrose accumulation and enzyme activities in callus culture of sugarcane. Biologia Plantarum. Volumen: 49 Número: 3 Páginas: 475-479. | https://doi.org/10.1007/s10535-005-0034-5 |
| 958 | 2005 | Luna Palencia GR, Cerda Garcia Rojas CM, Rodriguez Monroy M, Ramos Valdivia AC. Influence of auxins and sucrose in monoterpenoid oxindole alkaloid production by Uncaria tomentosa cell suspension cultures. Biotechnology Progress. Volumen: 21 Número: 1 Páginas: 198-204. | https://doi.org/10.1021/bp0497031 |
| 959 | 2005 | Dzul Puc JD, Esparza Garcia FJ, Barajas Aceves M, Rodríguez Vázquez R. Benzo[a]pyrene removal from soil by Phanerochaete chrysosporium grown on sugarcane bagasse and pine sawdust. Chemosphere. Volumen: 58 Número: 1 Páginas: 1-7. | https://doi.org/10.1016/j.chemosphere.2004.08.089 |
| 960 | 2005 | Larios Saldana A, Porcayo Calderon J, Poggi Varaldo HM. Obtaining a flour with low content of neutral-detergent fibre from defatted rice bran. Interciencia. Volumen: 30 Número: 1 Páginas: 29-32. | https://www.researchgate.net/publication/288077800_Obtaining_a_flour_with_low_content_of_neutral-detergent_fibre_from_defatted_rice_bran |
| 961 | 2005 | Carrion M, Alba J, Thalasso F. Effect of hydrodynamic conditions on biofilm oxygen consumption rate in a fixed-bed nitrifying reactor. Water Science And Technology. Volumen: 52 Número: 7 Páginas: 91-95. | https://www.semanticscholar.org/paper/Effect-of-hydrodynamic-conditions-on-biofilm-oxygen-Carrión-Alba/14c7fab14016fd0afc8706bf458760cf77f68f14 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 962 | 2005 | Ramos MS, Divila JL, Esparza F, Thalasso F, Alba J, Guerrero AL, Avelar FJ. Treatment of wastewater containing high phenol concentrations using stabilisation ponds enriched with activated sludge. Water Science And Technology. Volumen: 51 Número: 12 Páginas: 257-260. | https://doi.org/10.2166/wst.2005.0477 |
| 963 | 2004 | Pena Castro JM, Martinez Jeronimo F, Esparza Garcia FJ, Canizares Villanueva RO. Phenotypic plasticity in Scenedesmus incrassatulus (Chlorophyceae) in response to heavy metals stress. Chemosphere. Volumen: 57 Número: 11 Páginas: 1629-1636. | https://doi.org/10.1016/j.chemosphere.2004.06.041 |
| 964 | 2004 | Montes Horcasitas MC, Ruiz Medrano R, Magana Plaza I, Silva LG, Herrera Martinez A, Hernandez Montalvo L, Xoconostle Cazares BG. Efficient transformation of Cellulomonas flavigena by electroporation and conjugation with Bacillus thuringiensis. Current Microbiology. Volumen: 49 Número: 6 Páginas: 428-432. | https://doi.org/10.1007/s00284-004-4329-0 |
| 965 | 2004 | Ruiz Medrano R, Xoconostle Cazares BG, Kragler F. The plasmodesmatal transport pathway for homoeotic proteins, silencing signals and viruses. Current Opinion In Plant Biology. Volumen: 7 Número: 6 Páginas: 641-650. | https://doi.org/10.1016/j.ppi.2004.09.012 |
| 966 | 2004 | Santiago Santos MC, Ponce Noyola MT, Olvera Ramirez R, Ortega Lopez J, Canizares Villanueva RO. Extraction and purification of phycocyanin from Calothrix sp. Process Biochemistry. Volumen: 39 Número: 12 Páginas: 2047-2052. | https://doi.org/10.1016/j.procbio.2003.10.007 |
| 967 | 2004 | Vasquez Bahena J, Montes Horcasitas MC, Ortega Lopez J, Magana Plaza I, Flores Cotera LB. Multiple steady states in a continuous stirred tank reactor: an experimental case study for hydrolysis of sucrose by invertase. Process Biochemistry. Volumen: 39 Número: 12 Páginas: 2179-2182. | https://doi.org/10.1016/j.procbio.2003.11.007 |
| 968 | 2004 | Molina Barahona L, Rodríguez Vázquez R, Hernandez Velasco M, Vega Jarquin C, Zapata Perez O, Mendoza Cantu A, Albores A. Diesel removal from contaminated soils by biostimulation and supplementation with crop residues. Applied Soil Ecology. Volumen: 27 Número: 2 Páginas: 165-175. | https://doi.org/10.1016/j.apsoil.2004.04.002 |
| 969 | 2004 | Zarate Segura P, Rios Leal E, Esparza Garcia FJ, Garcia Mena J, Sanz JL, Zaiat M, Poggi Varaldo HM. Perchloroethylene removal in two anaerobic continuous systems. Interciencia. Volumen: 29 Número: 10 Páginas: 562-+. | https://www.researchgate.net/publication/288674333_Perchloroethylene_removal_in_two_anaerobic_continuous_systems |
| 970 | 2004 | Perez MVA, Castaneda JG, Frias Hernandez JT, Franco Hernandez O, Van Cleemput O, Dendooven L, Olalde V. Trace gas emissions from soil of the central highlands of Mexico as affected by natural vegetation: a laboratory study. Biology And Fertility Of Soils. Volumen: 40 Número: 4 Páginas: 252-259. | https://doi.org/10.1007/s00374-004-0775-x |
| 971 | 2004 | Pena Castro JM, Martinez Jeronimo F, Esparza Garcia FJ, Canizares Villanueva RO. Heavy metals removal by the microalga Scenedesmus incrassatulus in continuous cultures. Bioresource Technology. Volumen: 94 Número: 2 Páginas: 219-222. | https://doi.org/10.1016/j.biortech.2003.12.005 |
| 972 | 2004 | Contreras Ramos SM, Alvarez Bernal D, Trujillo Tapia N, Dendooven L. Composting of tannery effluent with cow manure and wheat straw. Bioresource Technology. Volumen: 94 Número: 2 Páginas: 223-228. | https://doi.org/10.1016/j.biortech.2003.12.001 |
| 973 | 2004 | Manilla Perez E, Poggi Varaldo HM, Chavez Gomez B, Esparza Garcia FJ, Barrera Cortes J. Evaluation of a rotatory drum used for bioremediation of a hydrocarbon contaminated soil. Interciencia. Volumen: 29 Número: 9 Páginas: 515-520. | https://www.researchgate.net/publication/286727617_Evaluation_of_a_rotatory_drum_used_for_bioremediation_of_a_hydrocarbon_contaminated_soil |
| 974 | 2004 | Gutierrez Miceli FA, Morales Torres R, Espinosa Castaneda YD, Rincon Rosales R, Oliva Llaven MA, Dendooven L. Effects of partial defoliation on sucrose accumulation, enzyme activity and agronomic parameters in sugar cane (Saccharum spp.). Journal Of Agronomy And Crop Science. Volumen: 190 Número: 4 Páginas: 256-261. | https://doi.org/10.1111/j.1439-037X.2004.00103.x |
| 975 | 2004 | Ruiz Aguilar GML, Rios Leal E, Tomasini Campocosio A, Veloz Rodriguez R, Barajas Aceves M, Rodríguez Vázquez R. Effect of culture parameters on the degradation of a hydrolyzable tannin extracted from cascalote by Aspergillus niger. Bulletin Of Environmental Contamination And Toxicology. Volumen: 73 Número: 1 Páginas: 45-52. | https://doi.org/10.1007/s00128-004-0391-3 |
| 976 | 2004 | Hernandez Gutierrez R, Avila Gonzalez L, Ortega Lopez J, Cruz Talonia F, Gomez Gutierrez G, Arroyo R. Trichomonas vaginalis: characterization of a 39-kDa cysteine proteinase found in patient vaginal secretions. Experimental Parasitology. Volumen: 107 Número: 3-4 Páginas: 125-135. | https://doi.org/10.1016/j.exppara.2004.05.004 |
| 977 | 2004 | Hernandez Tinoco A, Ramos Ramirez EG, Falcony Guajardo C, Salazar Montoya JA. Rheometry and scanning electron microscopy study of casein curds added with mesquite seed gum and soy proteins. Latin American Applied Research. Volumen: 34 Número: 3 Páginas: 195-202. | https://www.researchgate.net/publication/262457411_Rheometry_and_scanning_electron_microscopy_study_of_casein_curds_added_with_mesquite_seed_gum_and_soy_proteins |
| 978 | 2004 | Gutierrez Sarabia A, Fernandez Villagomez G, Martinez Pereda P, Rinderknecht Seijas N, Poggi Varaldo HM. Slaughterhouse wastewater treatment in a full-scale system with constructed wetlands. Water Environment Research. Volumen: 76 Número: 4 Páginas: 334-343. | https://doi.org/10.2175/106143004X141924 |
| 979 | 2004 | Leon Felix J, Ortega Lopez J, Orono Solis R, Arroyo R. Two novel asparaginyl endopeptidase-like cysteine proteinases from the protist Trichomonas vaginalis: their evolutionary relationship within the clan CD cysteine proteinases. Gene. Volumen: 335 Páginas: 25-35. | https://doi.org/10.1016/j.gene.2004.03.002 |
| 980 | 2004 | Salcedo Meza JR, Castellanos Molina R, Garza Flores JD, Tejada Castaneda ZI, Segura Correa JC, Rodríguez Vázquez R, Ku Vera JC. Effect of dehydrated pig faeces in the ration on rumen degradability, kinetics of passage and in vivo digestibility in Holstein steers. Journal Of Applied Animal Research. Volumen: 25 Número: 2 Páginas: 109-116. | https://doi.org/10.1080/09712119.2004.9706486 |
| 981 | 2004 | Gutierrez Villegas C, Ruiz Medrano R, Piedra Ibarra E, De La Torre Almaraz R. Characterization of a cucumber mosaic virus (CMV) strain associated with yellow mottle symptoms of amaryllis (Hippeastrumxhybridum Leopoldii) in Mexico. Agrociencia. Volumen: 38 Número: 3 Páginas: 343-354. | https://www.researchgate.net/publication/289454106_Characterization_of_a_Cucumber_Mosaic_Virus_CMV_strain_associated_with_yellow_mottle_symptoms_of_Amaryllis_Hippeastrumhybridum_Leopoldii_in_Mexico |
| 982 | 2004 | Salcedo Meza JR, Castellanos Molina R, Garza Flores JD, Tejada Castaneda ZI, Velazquez Madrazo PA, Segura Correa JC, Rodríguez Vázquez R, Ku Vera JC. Effect of dehydrated pig faeces in the diet on microbial protein synthesis and fermentation balance in the rumen of Holstein steers. Journal Of Applied Animal Research. Volumen: 25 Número: 1 Páginas: 17-25. | https://doi.org/10.1080/09712119.2004.9706467 |
| 983 | 2004 | Garcera Teruel A, Xoconostle Cazares BG, Rosas Quijano R, Ortiz L, Leon Ramirez C, Specht CA, Sentandreu R, Ruiz Herrera J. Loss of virulence in Ustilago maydis by Umchs6 gene disruption. Research In Microbiology. Volumen: 155 Número: 2 Páginas: 87-97. | https://doi.org/10.1016/j.resmic.2003.11.005 |
| 984 | 2004 | Martinez Juarez VM, Ochoa Alejo N, Lozoya Gloria E, Villarreal Ortega ML, Ariza Castolo A, Esparza Garcia FJ, Calva Calva G. Specific synthesis of 5,5 '-dicapsaicin by cell suspension cultures of Capsicum annuum var. annuum (chili Jalapeno chigol) and their soluble and NaCl-extracted cell wall protein fractions. Journal Of Agricultural And Food Chemistry. Volumen: 52 Número: 4 Páginas: 972-979. | https://doi.org/10.1021/jf035214p |
| 985 | 2004 | Vicente Garcia V, Rios Leal E, Calderon Dominguez G, Canizares Villanueva RO, Olvera Ramirez R. Detection, isolation, and characterization of exopolysaccharide produced by a strain of Phormidium 94a isolated from an arid zone of Mexico. Biotechnology And Bioengineering. Volumen: 85 Número: 3 Páginas: 306-310. | https://doi.org/10.1002/bit.10912 |
| 986 | 2004 | Gracida J, Alba J, Cardoso J, Pérez Guevara F. Studies of biodegradation of binary blends of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBHV) with poly(2-hydroxyethylmetacrilate) (PHEMA). Polymer Degradation And Stability. Volumen: 83 Número: 2 Páginas: 247-253. | https://doi.org/10.1016/S0141-3910(03)00269-6 |
| 987 | 2004 | Rivera Cruz MD, Ferrera Cerrato R, Sanchez Garcia P, Volke Haller V, Fernandez Linares L, Rodríguez Vázquez R. Decontamination of soils polluted with crude petroleum using indigenous microorganisms and aleman grass [Echinochloa polystachya (HBK) Hitchc.]. Agrociencia. Volumen: 38 Número: 1 Páginas: 1-12. | https://www.researchgate.net/publication/285533620_Decontamination_of_soils_polluted_with_crude_petroleum_using_indigenous_microorganisms_and_aleman_grass_echinochloa_polystachya_HBK_hilchc |
| 988 | 2004 | Baruch I, Genina Soto P, Nenkova B, Barrera Cortes J. Neural model of osmotic dehydration kinetics of fruits cubes. Artificial Intelligence: Methodology, Systems, And Applications, Proceedings Colección: Lecture Notes In Computer Science. Volumen: 3192 Páginas: 312-320. | https://doi.org/10.1007/978-3-540-30106-6_32 |
| 989 | 2004 | Rivera Espinoza Y, Dendooven L. Dynamics of carbon, nitrogen and hydrocarbons in diesel-contaminated soil amended with biosolids and maize. Chemosphere. Volumen: 54 Número: 3 Páginas: 379-386. | https://doi.org/10.1016/S0045-6535(03)00653-2 |
| 990 | 2004 | Vasquez Murrieta MS, Dendooven L. Microbial biomass measurements in soil of the central highlands of Mexico. Controlling Nitrogen Flows And Losses. Páginas: 244-245. | |
| 991 | 2004 | Arce Ortega JM, Rojas Avelizapa NG, Rodríguez Vázquez R. Identification of recalcitrant hydrocarbons present in a drilling waste-polluted soil. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 39 Número: 6 Páginas: 1535-1545. | https://doi.org/10.1081/ESE-120037852 |
| 992 | 2004 | Amezcua Vega C, Ferrera Cerrato R, Esparza Garcia FJ, Rios Leal E, Rodríguez Vázquez R. Effect of combined nutrients on biosurfactant produced by Pseudomonas putida. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 39 Número: 11-12 Páginas: 2983-2991. | https://doi.org/10.1081/LESA-200034784 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 993 | 2004 | Perez Armendariz B, Loera Corral O, Fernandez Linares L, Esparza Garcia FJ, Rodríguez Vázquez R. Biostimulation of micro-organisms from sugarcane bagasse pith for the removal of weathered hydrocarbon from soil. Letters In Applied Microbiology. Volumen: 38 Número: 5 Páginas: 373-377. | https://doi.org/10.1111/j.1472-765X.2004.01502.x |
| 994 | 2004 | Pineda R, Alba J, Thalasso F, Ponce Noyola MT. Microbial characterization of organic carrier colonization during a model biofiltration experiment. Letters In Applied Microbiology. Volumen: 38 Número: 6 Páginas: 522-526. | https://doi.org/10.1111/j.1472-765X.2004.01530.x |
| 995 | 2004 | Baruch LS, Barrera Cortes J, Hernandez LA. A fed-batch fermentation process identification and direct adaptive neural control with integral term. Micai 2004: Advances In Artificial Intelligence Colección: Lecture Notes In Computer Science. Volumen: 2972 Páginas: 764-773. | https://doi.org/10.1007/978-3-540-24694-7_79 |
| 996 | 2004 | Gonzalez Castaneda J, Angoa Perez MV, Frias Hernandez JT, Olalde Portugal V, Flores Ancira E, Terrones Rincon TRL, Van Cleemput O, Dendooven L. Germination of seeds of huisache (Acacia schaffneri) and catclaw (Mimosa monancistra) as affected by sulphuric acid and mechanical scarification and subsequent growth and survival in a greenhouse and field experiment. Seed Science And Technology. Volumen: 32 Número: 3 Páginas: 727-738. | https://doi.org/10.15258/sst.2004.32.3.08 |
| 997 | 2004 | Islas Lima S, Thalasso F, Gomez Hernandez J. Evidence of anoxic methane oxidation coupled to denitrification. Water Research. Volumen: 38 Número: 1 Páginas: 13-16. | https://doi.org/10.1016/j.watres.2003.08.024 |
| 998 | 2004 | Ortega Clemente A, Estrada Vazquez C, Esparza Garcia FJ, Caffarel Mendez S, Rinderknecht Seijas N, Poggi Varaldo HM. Integrated biological treatment of recalcitrant effluents from pulp mills. Water Science And Technology. Volumen: 50 Número: 3 Páginas: 145-156. | https://pubmed.ncbi.nlm.nih.gov/15461409/ |
| 999 | 2003 | Tejeda Mansir A, Montesinos RM, Magana Plaza I, Guzman R. Breakthrough performance of stacks of dye-cellulosic fabric in affinity chromatography of lysozyme. Bioprocess And Biosystems Engineering. Volumen: 25 Número: 4 Páginas: 235-242. | https://doi.org/10.1007/s00449-002-0302-0 |
| 1000 | 2003 | Quinones Aguilar EE, Ferrera Cerrato R, Gavi Reyes F, Fernandez Linares L, Rodríguez Vázquez R, Alarcon A. Emergence and growth of maize in a crude oil polluted soil. Agrociencia. Volumen: 37 Número: 6 Páginas: 585-594. | https://www.redalyc.org/pdf/302/30237604.pdf |
| 1001 | 2003 | Gutierrez Nava A, Herrera Herrera A, Mayorga Reyes L, Salgado LM, Ponce Noyola MT. Expression and characterization of the celcflB gene from Cellulomonas flavigena encoding an endo-beta-1,4-glucanase. Current Microbiology. Volumen: 47 Número: 5 Páginas: 359-363. | https://doi.org/10.1007/s00284-002-4016-y |
| 1002 | 2003 | Vega Jarquin C, Garcia Mendoza M, Jablonowski N, Luna Guido M, Dendooven L. Rapid immobilization of applied nitrogen in saline-alkaline soils. Plant And Soil. Volumen: 256 Número: 2 Páginas: 379-388. | https://doi.org/10.1023/A:1026182211065 |
| 1003 | 2003 | Chavez Gomez B, Quintero R, Esparza Garcia FJ, Mesta Howard AM, de la Serna FJZD, Hernandez Rodriguez CH, Gillen T, Poggi Varaldo HM, Barrera Cortes J, Rodríguez Vázquez R. Removal of phenanthrene from soil by co-cultures of bacteria and fungi pregrown on sugarcane bagasse pith. Bioresource Technology. Volumen: 89 Número: 2 Páginas: 177-183. | https://doi.org/10.1016/S0960-8524(03)00037-3 |
| 1004 | 2003 | Alzate Gaviria LM, Perez Hernandez A, Nevarez Moorillon VG, Rinderknecht Seijas N, Poggi Varaldo HM. Comparison of two anaerobic coupled systems for biomethanization of the organic fraction of municipal solid wastes. Interciencia. Volumen: 28 Número: 8 Páginas: 436-+. | https://www.researchgate.net/publication/287629292_Comparison_of_two_anaerobic_coupled_systems_for_biomethanization_of_the_organic_fraction_of_municipal_solid_wastes |
| 1005 | 2003 | Contreras Flores C, Pena Castro JM, Flores Cotera LB, Canizares Villanueva RO. Advances in conceptual design of photobioreactors for microalgal culture. Interciencia. Volumen: 28 Número: 8 Páginas: 450-+. | https://www.researchgate.net/publication/290316900_Advances_in_conceptual_design_of_photobioreactors_for_microalgal_culture |
| 1006 | 2003 | Sauret Gueto S, Ramos Valdivia AC, Ibanez E, Boronat A, Rodriguez Concepcion M. Identification of lethal mutations in Escherichia coli genes encoding enzymes of the methylerythritol phosphate pathway. Biochemical And Biophysical Research Communications. Volumen: 307 Número: 2 Páginas: 408-415. | https://doi.org/10.1016/S0006-291X(03)01211-7 |
| 1007 | 2003 | Ramirez Lopez E, Hernandez JC, Dendooven L, Rangel P, Thalasso F. Characterization of five agricultural by-products as potential biofilter carriers. Bioresource Technology. Volumen: 88 Número: 3 Páginas: 259-263. | https://doi.org/10.1016/S0960-8524(02)00315-2 |
| 1008 | 2003 | San Miguel Chavez R, Soto Hernandez M, Ramos Valdivia AC, Kite G, Martinez Vazquez M, Garcia, MD, Terrazas T. Production of alkaloids by in vitro culture of Erythrina americana Miller. Biotechnology Letters. Volumen: 25 Número: 13 Páginas: 1055-1059. | https://doi.org/10.1023/A:1024142531691 |
| 1009 | 2003 | Avelar FJ, Martinez Pereda P, Thalasso F, Rodríguez Vázquez R, Alba J, Esparza Garcia FJ. Phenol removal in upgraded facultative waste stabilisation ponds. Environmental Technology. Volumen: 24 Número: 4 Páginas: 465-470. | https://doi.org/10.1080/09593330309385581 |
| 1010 | 2003 | Martinez Trujillo A, Perez Avalos O, Ponce Noyola MT. Enzymatic properties of a purified xylanase from mutant PN-120 of Cellulomonas flavigena. Enzyme And Microbial Technology. Volumen: 32 Número: 3-4 Páginas: 401-406. | https://doi.org/10.1016/S0141-0229(02)00313-7 |
| 1011 | 2003 | Franco Hernandez O, Mckelligan Gonzalez AN, Lopez Olguin AM, Espinosa Ceron F, Escamilla Silva E, Dendooven L. Dynamics of carbon, nitrogen and phosphorus in soil amended with irradiated, pasteurized and limed biosolids. Bioresource Technology. Volumen: 87 Número: 1 Páginas: 93-102 Número de artículo: PII S0960-8524(02)00188-8. | https://doi.org/10.1016/S0960-8524(02)00188-8 |
| 1012 | 2003 | Chavarria Hernandez N, Rodriguez Hernandez AI, Pérez Guevara F, de la Torre Martinez M. Evolution of culture broth rheological properties during propagation of the entomopathogenic nematode Steinernema carpocapsae, in submerged monoxenic culture. Biotechnology Progress. Volumen: 19 Número: 2 Páginas: 405-409. | https://doi.org/10.1021/bp025569d |
| 1013 | 2003 | Rojas Andrade R, Cerda Garcia Rojas CM, Frias Hernandez JT, Dendooven L, Olalde Portugal V, Ramos Valdivia AC. Changes in the concentration of trigonelline in a semi-arid leguminous plant (Prosopis laevigata) induced by an arbuscular mycorrhizal fungus during the presymbiotic phase. Mycorrhiza. Volumen: 13 Número: 1 Páginas: 49-52. | https://doi.org/10.1007/s00572-002-0201-x |
| 1014 | 2003 | Luna Guido ML, Vega Estrada J, Ponce Mendoza A, Hernandez Hernandez H, Montes Horcasitas MC, Vaca Mier M, Dendooven L. Mineralization of C-14 labelled maize in alkaline saline soils. Plant And Soil. Volumen: 250 Número: 1 Páginas: 29-38. | https://doi.org/10.1023/A:1022865728953 |
| 1015 | 2003 | Poggi Varaldo HM, Rinderknecht Seijas N. A differential availability enhancement factor for the evaluation of pollutant availability in soil treatments. Acta Biotechnologica. Volumen: 23 Número: 2-3 Páginas: 271-280. | https://doi.org/10.1002/abio.200390034 |
| 1016 | 2003 | Valdez Castro L, Baruch I, Barrera Cortes J. Neural networks applied to the prediction of fed-batch fermentation kinetics of Bacillus thuringiensis. Bioprocess And Biosystems Engineering. Volumen: 25 Número: 4 Páginas: 229-233. | https://doi.org/10.1007/s00449-002-0296-7 |
| 1017 | 2003 | Roldan Carrillo T, Rodríguez Vázquez R, Diaz Cervantes D, Vazquez Torres H, Manzur Guzman A, Torres Dominguez A. Starch-based plastic polymer degradation by the white rot fungus Phanerochaete chrysosporium grown on sugarcane bagasse pith: enzyme production. Bioresource Technology. Volumen: 86 Número: 1 Páginas: 1-5 Número de artículo: PII S0960-8524(02)00142-6. | https://doi.org/10.1016/S0960-8524(02)00142-6 |
| 1018 | 2003 | Rojas Avelizapa NG, Martinez Cruz J, Lis JAZE, Rodríguez Vázquez R. Levels of polychlorinated biphenyls in Mexican soils and their biodegradation using bioaugmentation. Bulletin Of Environmental Contamination And Toxicology. Volumen: 70 Número: 1 Páginas: 63-70. | https://doi.org/10.1007/s00128-002-0156-9 |
| 1019 | 2003 | Hernandez Gutierrez R, Ortega Lopez J, Arroyo R. A 39-kDa cysteine proteinase CP39 from Trichomonas vaginalis, which is negatively affected by iron may be involved in trichomonal cytotoxicity. Journal Of Eukaryotic Microbiology. Volumen: 50 Páginas: 696-698. | https://doi.org/10.1111/j.1550-7408.2003.tb00692.x |
| 1020 | 2003 | Alba J, Conde E, Pérez Guevara F. Degradation of the main components of cellulose-paint thinner by the mould Scopulariopsis brevicaulis cultured on rice hulls. Letters In Applied Microbiology. Volumen: 37 Número: 1 Páginas: 7-11. | https://doi.org/10.1046/j.1472-765X.2003.01301.x |
| 1021 | 2003 | Rincon Rosales R, Culebro Espinosa NR, Gutierrez Miceli FA, Dendooven L. Scarification of seeds of Acacia angustissima (Mill.) Kuntze and its effect on germination. Seed Science And Technology. Volumen: 31 Número: 2 Páginas: 301-307. | https://doi.org/10.15258/sst.2003.31.2.07 |
| 1022 | 2003 | Amezcua Allieri MA, Lead JR, Melendez Estrada J, Rodríguez Vázquez R. Phenanthrene removal in a selected Mexican soil by the fungus Penicillium frequentans: Role of C : N ratio and water content. Soil & Sediment Contamination. Volumen: 12 Número: 3 Páginas: 387-399. | https://doi.org/10.1080/713610979 |
| 1023 | 2003 | Estrada Vazquez C, Macarie H, Kato MT, Rodríguez Vázquez R, Esparza Garcia FJ, Poggi Varaldo HM. The effect of the supplementation with a primary carbon source on the resistance to oxygen exposure of methanogenic sludge. Water Science And Technology. Volumen: 48 Número: 6 Páginas: 119-124. | https://doi.org/10.2166/wst.2003.0374 |
| 1024 | 2003 | Carrion M, Asaff A, Thalasso F. Respiration rate measurement in a submerged fixed bed reactor. Water Science And Technology. Volumen: 47 Número: 5 Páginas: 201-204. | https://pubmed.ncbi.nlm.nih.gov/12701929/ |
| 1025 | 2002 | Aoki K, Kragler F, Xoconostle Cazares BG, Lucas WJ. A subclass of plant heat shock cognate 70 chaperones carries a motif that facilitates trafficking through plasmodesmata. Proceedings Of The National Academy Of Sciences Of The United States Of America. Volumen: 99 Número: 25 Páginas: 16342-16347. | https://doi.org/10.1073/pnas.252427999 |
| 1026 | 2002 | Flores Sanchez IJ, Ortega Lopez J, Montes Horcasitas MC, Ramos Valdivia AC. Biosynthesis of sterols and triterpenes in cell suspension cultures of Uncaria tomentosa. Plant And Cell Physiology. Volumen: 43 Número: 12 Páginas: 1502-1509. | https://doi.org/10.1093/pcp/pcf181 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 1027 | 2002 | Ramirez Fuentes E, Lucho Constantino C, Escamilla Silva E, Dendooven L. Characteristics, and carbon and nitrogen dynamics in soil irrigated with wastewater for different lengths of time. Bioresource Technology. Volumen: 85 Número: 2 Páginas: 179-187 Número de artículo: PII S0960-8524(02)00035-4. | https://doi.org/10.1016/S0960-8524(02)00035-4 |
| 1028 | 2002 | Ruiz Aguilar GML, Fernandez Sanchez JM, Rodríguez Vázquez R, Poggi Varaldo HM. Degradation by white-rot fungi of high concentrations of PCB extracted from a contaminated soil. Advances In Environmental Research. Volumen: 6 Número: 4 Páginas: 559-568 Número de artículo: PII S1093-0191(01)00102-2. | https://doi.org/10.1016/S1093-0191(01)00102-2 |
| 1029 | 2002 | Ramirez Fuentes E, Luna Guido ML, Ponce Mendoza A, Van den Broeck E, Dendooven L. Incorporation of glucose-C-14 and NH4+ in microbial biomass of alkaline saline soil. Biology And Fertility Of Soils. Volumen: 36 Número: 4 Páginas: 269-275. | https://doi.org/10.1007/s00374-002-0531-z |
| 1030 | 2002 | Mayorga Reyes L, Morales Y, Salgado LM, Ortega A, Ponce Noyola MT. Cellulomonas flavigena: characterization of an endo-1,4-xylanase tightly induced by sugarcane bagasse. Fems Microbiology Letters. Volumen: 214 Número: 2 Páginas: 205-209 Número de artículo: PII S0378-1097(02)00876-5. | https://doi.org/10.1111/j.1574-6968.2002.tb11348.x |
| 1031 | 2002 | Salazar Montoya JA, Ramos Ramirez EG, Delgado Reyes VA. Changes of the dynamic properties with different saccharose and of tamarind (Tamarindus indica) gel polysaccharide concentrations. Carbohydrate Polymers. Volumen: 49 Número: 4 Páginas: 387-391 Número de artículo: PII S0144-8617(01)00337-X. | https://doi.org/10.1016/S0144-8617(01)00337-X |
| 1032 | 2002 | Acha V, Alba J, Thalasso F. The absolute requirement for carbon dioxide for aerobic methane oxidation by a methanotrophic-heterotrophic soil community of bacteria. Biotechnology Letters. Volumen: 24 Número: 9 Páginas: 675-679. | https://doi.org/10.1023/A:1015265530501 |
| 1033 | 2002 | Perez Avalos O, Ponce Noyola MT. Synthesis and regulation of D-xylanase from Cellulomonas flavigena wild type and a mutant. Biotechnology Letters. Volumen: 24 Número: 10 Páginas: 813-817. | https://doi.org/10.1023/A:1015592620091 |
| 1034 | 2002 | Poggi Varaldo HM, Rinderknecht Seijas N, Caffarel Mendez S. Irreversibility of the adsorption-desorption behaviour of pollutants in soils and sediments: Quantitative evaluation by means of a differential hysteresis coefficient. Interciencia. Volumen: 27 Número: 4 Páginas: 180-+. | https://pesquisa.bvsalud.org/portal/resource/pt/lil-338610 |
| 1035 | 2002 | Vega Estrada J, Flores Cotera LB, Santiago A, Magana Plaza I, Montes Horcasitas MC. Draw-fill batch culture mode for production of xylanases by Cellulomonas flavigena on sugar cane bagasse. Applied Microbiology And Biotechnology. Volumen: 58 Número: 4 Páginas: 435-438. | https://doi.org/10.1007/s00253-001-0908-1 |
| 1036 | 2002 | Gutierrez Miceli FA, Rodriguez Mendiola MA, Ochoa Alejo N, Mendez Salas R, Dendooven L, Arias Castro C. Relationship between sucrose accumulation and activities of sucrose-phosphatase, sucrose synthase, neutral invertase, and soluble acid invertase in micropropagated sugarcane plants. Acta Physiologiae Plantarum. Volumen: 24 Número: 4 Páginas: 441-446. | https://doi.org/10.1007/s11738-002-0041-5 |
| 1037 | 2002 | Reyes Reyes G, Baron Ocampo L, Cuali Alvarez I, Frias Hernandez JT, Olalde Portugal V, Fregoso LV, Dendooven L. C and N dynamics in soil from the central higlands of Mexico as affected by mesquite (Prosopis spp.) and huizache (Acacia tortuoso): a laboratory investigation. Applied Soil Ecology. Volumen: 19 Número: 1 Páginas: 27-34 Número de artículo: PII S0929-1393(01)00169-X. | https://doi.org/10.1016/S0929-1393(01)00169-X |
| 1038 | 2002 | Poggi Varaldo HM, Rinderknecht Seijas N, Caffarel Mendez S. Differential hysteresis coefficient for characterizing the adsorptive-desorptive behaviour of contaminants in sediments. Characterization Of Contaminated Sediments. Páginas: 161-171. | https://www.zhangqiaokeyan.com/academic-conference-foreign_first-international-conference-remediation-contaminated-sediments-s1-1_thesis/020512186690.html |
| 1039 | 2002 | Barrera Cortes J, Baruch I, Valdez Castro L, Vazquez Cervantes V. A recurrent neural network model of the b.t. fed-batch fermentation process. Computer Applications In Biotechnology 2001 (Cab8) Colección: Ifac Proceedings Series. Páginas: 385-390. | https://doi.org/10.1016/S1474-6670(17)34250-7 |
| 1040 | 2002 | Poggi Varaldo HM, Gomez Cisneros E, Rodríguez Vázquez R, Trejo Espino J, Rinderknecht Seijas N. Unsuitability of anaerobic compost from solid substrate anaerobic digestion as soil amendment. Microbiology Of Composting. Páginas: 155-164. | https://link.springer.com/chapter/10.1007/978-3-662-08724-4_13 |
| 1041 | 2002 | Ruiz Aguilar G, Fernandez Sanchez J, Rodríguez Vázquez R, Poggi Varaldo HM, Esparza Garcia FJ, Vazquez Duhalt R. PCB's biotransformation by a white-rot fungus under composting and liquid culture conditions. Microbiology Of Composting. Páginas: 287-297. | https://link.springer.com/chapter/10.1007/978-3-662-08724-4_24 |
| 1042 | 2002 | Poggi Varaldo HM, Gutierrez Saravia A, Fernandez Villagomez G, Martinez Pereda P, Rinderknecht Seijas N. A full-scale system with wetlands for slaughterhouse wastewater treatment. Wetlands And Remediation Ii. Páginas: 213-223. | https://www.webofscience.com/wos/woscc/full-record/WOS:000175585500026 |
| 1043 | 2001 | Rojas MR, Jiang H, Salati R, Xoconostle Cazares BG, Sudarshana MR, Lucas WJ, Gilbertson RL. Functional analysis of proteins involved in movement of the monopartite begomovirus, tomato yellow leaf curl virus. Virology. Volumen: 291 Número: 1 Páginas: 110-125. | https://doi.org/10.1006/viro.2001.1194 |
| 1044 | 2001 | Vega Jarquin C, Dendooven L, Magana Plaza I, Thalasso F, Ramos Valdivia AC. Biotransformation of n-hexadecane by cell suspension cultures of Cinchona robusta and Dioscorea composita. Environmental Toxicology And Chemistry. Volumen: 20 Número: 12 Páginas: 2670-2675. | https://doi.org/10.1897/1551-5028(2001)020<2670:BONHBC>2.0.CO;2 |
| 1045 | 2001 | Roldan Carrillo TG, Rodríguez Vázquez R, Vazquez Torres H, Cardoso Martinez J, Torres Dominguez A. Styrene removal by Phanerochaete chrysosporium in liquid culture. Interciencia. Volumen: 26 Número: 12 Páginas: 611-614. | https://www.researchgate.net/publication/237033010_Remocion_de_estireno_por_Phanerochaete_chrysosporium_en_cultivo_liquido |
| 1046 | 2001 | Peraza Luna F, Rodriguez Mendiola M, Arias Castro C, Bessiere JM, Calva Calva G. Sotolone production by hairy root cultures of Trigonella foenum-graecum in airlift with mesh bioreactors. Journal Of Agricultural And Food Chemistry. Volumen: 49 Número: 12 Páginas: 6012-6019. | https://doi.org/10.1021/jf010818j |
| 1047 | 2001 | Estrada Vazquez C, Macarie H, Kato MT, Rodríguez Vázquez R, Poggi Varaldo HM. Oxygen exposure resistance in suspended anaerobic sludge. Interciencia. Volumen: 26 Número: 11 Páginas: 547-553. | https://www.researchgate.net/publication/257644929_Resistance_to_oxygen_exposure_of_anaerobic_suspended_sludge |
| 1048 | 2001 | Ponce Noyola MT, de la Torre Martinez M. Regulation of cellulases and xylanases from a derepressed mutant of Cellulomonas flavigena growing on sugar-cane bagasse in continuous culture. Bioresource Technology. Volumen: 78 Número: 3 Páginas: 285-291. | https://doi.org/10.1016/S0960-8524(00)00181-4 |
| 1049 | 2001 | Avelar FJ, Martinez Pereda P, Thalasso F, Rodríguez Vázquez R, Esparza Garcia FJ. Upgrading of facultative waste stabilisation ponds under high organic load. Biotechnology Letters. Volumen: 23 Número: 14 Páginas: 1115-1118. | https://doi.org/10.1023/A:1010507832395 |
| 1050 | 2001 | Masetto A, Flores Cotera LB, Diaz C, Langley E, Sanchez S. Application of a complete factorial design for the production of zeaxanthin by Flavobacterium sp. Journal Of Bioscience And Bioengineering. Volumen: 92 Número: 1 Páginas: 55-58. | https://doi.org/10.1263/jbb.92.55 |
| 1051 | 2001 | Ruiz Medrano R, Xoconostle Cazares BG, Lucas WJ. The phloem as a conduit for inter-organ communication. Current Opinion In Plant Biology. Volumen: 4 Número: 3 Páginas: 202-209. | https://doi.org/10.1016/S1369-5266(00)00162-X |
| 1052 | 2001 | Luna Guido ML, Dendooven L. Simulating the dynamics of glucose and NH4+ in alkaline saline soils of the former Lake Texcoco with the Detran model. European Journal Of Soil Science. Volumen: 52 Número: 2 Páginas: 269-277. | https://doi.org/10.1046/j.1365-2389.2001.00381.x |
| 1053 | 2001 | Barrera Cortes J, Astruc JP, Tufeu R, Martinez Enriquez AM. Knowledge base specification to automate the fluid critical point of fluids. Applied Artificial Intelligence. Volumen: 15 Número: 5 Páginas: 453-470. | https://doi.org/10.1080/088395101300125725 |
| 1054 | 2001 | Flores Cotera LB, Sanchez S. Copper but not iron limitation increases astaxanthin production by Phaffia rhodozyma in a chemically defined medium. Biotechnology Letters. Volumen: 23 Número: 10 Páginas: 793-797. | https://doi.org/10.1023/A:1010358517806 |
| 1055 | 2001 | Luna Guido ML, Beltran Hernandez RI, Dendooven L. Dynamics of C-14-labelled glucose in alkaline saline soil. Soil Biology & Biochemistry. Volumen: 33 Número: 6 Páginas: 707-719. | https://doi.org/10.1016/S0038-0717(00)00101-2 |
| 1056 | 2001 | Flores Cotera LB, Martin R, Sanchez S. Citrate, a possible precursor of astaxanthin in Phaffia rhodozyma: influence of varying levels of ammonium, phosphate and citrate in a chemically defined medium. Applied Microbiology And Biotechnology. Volumen: 55 Número: 3 Páginas: 341-347. | https://doi.org/10.1007/s002530000498 |
| 1057 | 2001 | Barajas Aceves M, Dendooven L. Nitrogen, carbon and phosphorus mineralization in soils from semi-arid highlands of central Mexico amended with tannery sludge. Bioresource Technology. Volumen: 77 Número: 2 Páginas: 121-130. | https://doi.org/10.1016/S0960-8524(00)00157-7 |
| 1058 | 2001 | Thalasso F, Razo Flores E, Ancia R, Naveau HP, Nyns EJ. Pressure-drops control strategy in a fixed-bed reactor. Journal Of Hazardous Materials. Volumen: 81 Número: 1-2 Páginas: 115-122. | https://doi.org/10.1016/S0304-3894(00)00319-8 |
| 1059 | 2001 | Conde E, Alba J, Lopez E, Pérez Guevara F. Removal of complex mixtures of VOC (thinner) from waste air and establishment of the evolution of microbial consortium during biofiltration process. Air Pollution Ix Colección: Advances In Air Pollution Series. Volumen: 10 Páginas: 355-364. | https://www.researchgate.net/publication/290520264_Removal_of_complex_mixtures_of_VOC_thinner_from_waste_air_and_establishment_of_the_evolution_of_microbial_consortium_during_biofiltration_process |
| 1060 | 2001 | Canizares Villanueva RO, Gonzalez Moreno S, Dominguez Bocanegra AR. Growth, nutrient assimilation and cadmium removal by suspended and immobilized Scenedesmus acutus cultures: Influence of immobilization matrix. Algae And Their Biotechnological Potential. Páginas: 147-161. | https://10.1007/978-94-015-9835-4_11 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 1061 | 2001 | Arguello Astorga GR, Ruiz Medrano R. An iteron-related domain is associated to Motif 1 in the replication proteins of geminiviruses: identification of potential interacting amino acid-base pairs by a comparative approach. Archives Of Virology. Volumen: 146 Número: 8 Páginas: 1465-1485. | https://doi.org/10.1007/s007050170072 |
| 1062 | 2001 | Amezcua Vega C, Rodríguez Vázquez R, Poggi Varaldo HM, Rios Leal E. Effect of a rhamnolipid biosurfactant on the phenanthrene desorption from a clay-loam soil. Bioremediation Of Energetics, Phenolics, And Polycyclic Aromatic Hydrocarbons Colección: Bioremediation Series. Volumen: 6 Número: 3 Páginas: 243-249. | https://www.webofscience.com/wos/woscc/full-record/WOS:000175096400031 |
| 1063 | 2001 | Silva EME, Gutierrez GF, Dendooven L, Jimenez H, Ochoa Tapia JA. A method to evaluate the isothermal effectiveness factor for dynamic oxygen into mycelial pellets in submerged cultures. Biotechnology Progress. Volumen: 17 Número: 1 Páginas: 95-103. | https://doi.org/10.1021/bp0001361 |
| 1064 | 2001 | Genina Soto P, Barrera Cortes J, Gutierrez Lopez G, Nieto EA. Temperature and concentration effects of osmotic media on OD profiles of sweet potato cubes. Drying Technology. Volumen: 19 Número: 3-4 Páginas: 547-558. | https://doi.org/10.1081/DRT-100103933 |
| 1065 | 2001 | Perez Vargas J, Poggi Varaldo HM, Calva Calva G, Albores A, Rodríguez Vázquez R, Esparza Garcia FJ, Ferrera Cerrato R. Azomonas is a NFB capable to use kerosene as a carbon source. Ex Situ Biological Treatment Technologies Colección: Bioremediation Series. Volumen: 6 Número: 6 Páginas: 219-226. | https://www.researchgate.net/publication/371172936_Azomonas_is_a_NFB_capable_to_use_kerosene_as_a_carbon_source |
| 1066 | 2001 | Barrera Cortes J, Baruch I, Vazquez Cervantes V, Valdez Castro L. Neural model of Cry1A(c) protein produced from a B.t. fed batch fermentation. Ijcnn'01: International Joint Conference On Neural Networks, Vols 1-4, Proceedings Colección: Ieee International Joint Conference On Neural Networks (Ijcnn). Páginas: 1302-1306. | https://doi.org/10.1109/IJCNN.2001.939549 |
| 1067 | 2001 | Fernandez Sanchez JM, Rodríguez Vázquez R, Ruiz Aguilar G, Alvarez PJJ. Pcb biodegradation in aged contaminated soil: Interactions between exogenous Phanerochaete chrysosporium and indigenous microorganisms. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 36 Número: 7 Páginas: 1145-1162. | https://doi.org/10.1081/ESE-100104869 |
| 1068 | 2001 | Hernandez Penaranda AM, Salazar Montoya JA, Rodríguez Vázquez R, Ramos Ramirez EG. Rheological behavior of Phanerochaete chrysosporium broth during lignin degradation. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 36 Número: 10 Páginas: 1983-1996. | https://doi.org/10.1081/ESE-100107442 |
| 1069 | 2001 | Morales JE, Bernal Lugo I, Arguello C, Ortega Lopez J, Rodríguez Vázquez R, Hamabata A. Resistance of wheat aleurone cell walls to acid and xylanase action. Journal Of Plant Physiology. Volumen: 158 Número: 1 Páginas: 21-27. | https://doi.org/10.1078/0176-1617-00084 |
| 1070 | 2001 | Escamilla Silva E, Poggi Varaldo HM, de la Torre Martinez M, Cornejo MAGS, Dendooven L. Selective production of bikaverin in a fluidized bioreactor with immobilized Gibberella fujikuroi. World Journal Of Microbiology & Biotechnology. Volumen: 17 Número: 5 Páginas: 469-474. | https://doi.org/10.1023/A:1011926316079 |
| 1071 | 2000 | Xoconostle Cazares BG, Ruiz Medrano R, Lucas WJ. Proteolytic processing of CmPP36, a protein from the cytochrome b(5) reductase family, is required for entry into the phloem translocation pathway. Plant Journal. Volumen: 24 Número: 6 Páginas: 735-747. | https://doi.org/10.1046/j.1365-313x.2000.00916.x |
| 1072 | 2000 | Yoo BC, Aoki K, Xiang Y, Campbell LR, Hull RJ, Xoconostle Cazares BG, Monzer J, Lee JY, Ullman DE, Lucas WJ. Characterization of Cucurbita maxima phloem serpin-1 (CmPS-1) - A developmentally regulated elastase inhibitor. Journal Of Biological Chemistry. Volumen: 275 Número: 45 Páginas: 35122-35128. | https://doi.org/10.1074/jbc.M006060200 |
| 1073 | 2000 | Pineda J, Auria R, Pérez Guevara F, Revah S. Biofiltration of toluene vapors using a model support. Bioprocess Engineering. Volumen: 23 Número: 5 Páginas: 479-486. | https://doi.org/10.1007/s004499900181 |
| 1074 | 2000 | Musatov A, Ortega Lopez J, Robinson NC. Detergent-solubilized bovine cytochrome c oxidase: Dimerization depends on the amphiphilic environment. Biochemistry. Volumen: 39 Número: 42 Páginas: 12996-13004. | https://doi.org/10.1021/bi000884z |
| 1075 | 2000 | Luna Guido ML, Beltran Hernandez RI, Solis Ceballos NA, Hernandez Chavez N, Mercado Garcia F, Catt JA, Olalde Portugal V, Dendooven L. Chemical and biological characteristics of alkaline saline soils from the former Lake Texcoco as affected by artificial drainage. Biology And Fertility Of Soils. Volumen: 32 Número: 2 Páginas: 102-108. | https://doi.org/10.1007/s003740000223 |
| 1076 | 2000 | Luna Suarez S, Frias Hernandez JT, Olalde Portugal V, Dendooven L. Catclaw (Mimosa buincifiera): a pest or a means to restore soil fertility in heavily eroded soil from the central highlands of Mexico?. Biology And Fertility Of Soils. Volumen: 32 Número: 2 Páginas: 109-113. | https://doi.org/10.1007/s003740000224 |
| 1077 | 2000 | Chavez Barcenas AT, Valdez Alarcon JJ, Martinez Trujillo M, Chen L, Xoconostle Cazares BG, Lucas WJ, Herrera Estrella L. Tissue-specific and developmental pattern of expression of the rice sps1 gene. Plant Physiology. Volumen: 124 Número: 2 Páginas: 641-653. | https://doi.org/10.1104/pp.124.2.641 |
| 1078 | 2000 | Mendoza Lopez MR, Becerril Garcia C, Fattel Facenda LV, Avila Gonzalez L, Ruiz Tachiquin ME, Ortega Lopez J, Arroyo R. CP30, a cysteine proteinase involved in Trichomonas vaginalis cytoadherence. Infection And Immunity. Volumen: 68 Número: 9 Páginas: 4907-4912. | https://doi.org/10.1128/IAI.68.9.4907-4912.2000 |
| 1079 | 2000 | Holland N, Holland D, Helentjaris T, Dhugga KS, Xoconostle Cazares BG, Delmer DP. A comparative analysis of the plant cellulose synthase (CesA) gene family. Plant Physiology. Volumen: 123 Número: 4 Páginas: 1313-1323. | https://doi.org/10.1104/pp.123.4.1313 |
| 1080 | 2000 | Canizares Villanueva RO, Martinez Jeronimo F, Espinosa Chavez F. Acute toxicity to Daphnia magna of effluents containing Cd, Zn, and a mixture Cd-Zn, after metal removal by Chlorella vulgaris. Environmental Toxicology. Volumen: 15 Número: 3 Páginas: 160-164. | https://doi.org/10.1002/1522-7278(2000)15:3<160::AID-TOX2>3.0.CO;2-7 |
| 1081 | 2000 | Kragler F, Monzer J, Xoconostle Cazares BG, Lucas WJ. Peptide antagonists of the plasmodesmal macromolecular trafficking pathway. Embo Journal. Volumen: 19 Número: 12 Páginas: 2856-2868. | https://doi.org/10.1093/emboj/19.12.2856 |
| 1082 | 2000 | Rojas Avelizapa NG, Rodríguez Vázquez R, Saval Bohorquez S, Alvarez PJJ. Effect of C/N/P ratio and nonionic surfactants on polychlorinated biphenyl biodegradation. World Journal Of Microbiology & Biotechnology. Volumen: 16 Número: 4 Páginas: 319-324. | https://doi.org/10.1023/A:1008973209013 |
| 1083 | 2000 | Mendoza Cantu A, Albores A, Fernandez Linares L, Rodríguez Vázquez R. Pentachlorophenol biodegradation and detoxification by the white-rot fungus Phanerochaete chrysosporium. Environmental Toxicology. Volumen: 15 Número: 2 Páginas: 107-113. | https://doi.org/10.1002/(SICI)1522-7278(2000)15:2<107::AID-TOX6>3.3.CO;2-B |
| 1084 | 2000 | Dendooven L, Murphy E, Powlson DS. Failure to simulate C and N mineralization in soil using biomass C-to-N ratios as measured by the fumigation extraction method?. Soil Biology & Biochemistry. Volumen: 32 Número: 5 Páginas: 659-668. | https://doi.org/10.1016/S0038-0717(99)00193-5 |
| 1085 | 2000 | Olvera Ramirez R, Coria Cedillo M, Canizares Villanueva RO, Martinez Jeronimo F, Ponce Noyola MT, Rios Leal E. Growth evaluation and bioproducts characterization of Calothrix sp. Bioresource Technology. Volumen: 72 Número: 2 Páginas: 121-124. | https://doi.org/10.1016/S0960-8524(99)00099-1 |
| 1086 | 2000 | Alvarez Sanchez ME, Avila Gonzalez L, Becerril Garcia C, Fattel Facenda LV, Ortega Lopez J, Arroyo R. A novel cysteine proteinase (CP65) of Trichomonas vaginalis involved in cytotoxicity. Microbial Pathogenesis. Volumen: 28 Número: 4 Páginas: 193-202. | https://doi.org/10.1006/mpat.1999.0336 |
| 1087 | 2000 | Escamilla EM, Dendooven L, Magana Plaza I, Parra R, de la Torre Martinez M. Optimization of gibberellic acid production by immobilized Gibberella fujikuroi mycelium in fluidized bioreactors. Journal Of Biotechnology. Volumen: 76 Número: 2-3 Páginas: 147-155. | https://doi.org/10.1016/S0168-1656(99)00182-0 |
| 1088 | 2000 | Barrera Cortes J. Recurrent neural network model of a fed-batch Saccharomyces cerevisiae fermentation process. Ijcnn 2000: Proceedings Of The Ieee-Inns-Enns International Joint Conference On Neural Networks, Vol Iv Colección: Ieee International Joint Conference On Neural Networks (Ijcnn). Páginas: 589-594. | https://doi.org/10.1109/IJCNN.2000.860835 |
| 1089 | 2000 | Grageda Cabrera OA, Esparza Garcia FJ, Zapata F, Pena Cabriales JJ. Influence of sorghum crop residue management on the recovery of N-15 labelled fertilizer by wheat in Mexico. Journal Of Sustainable Agriculture. Volumen: 16 Número: 3 Páginas: 75-91. | https://doi.org/10.1300/J064v16n03_06 |
| 1090 | 2000 | Buenrostro Zagal JF, Ramirez Oliva A, Caffarel Mendez S, Schettino Bermudez B, Poggi Varaldo HM. Treatment of a 2,4-dichlorophenoxyacetic acid (2,4-D) contamined wastewater in a membrane bioreactor. Water Science And Technology. Volumen: 42 Número: 5-6 Páginas: 185-192. | https://doi.org/10.2166/wst.2000.0513 |
| 1091 | 2000 | Perez Vargas J, Poggi Varaldo HM, Calva Calva G, Rios Leal E, Rodríguez Vázquez R, Ferrera Cerrato R, Esparza Garcia FJ. Nitrogen-fixing bacteria capable of utilising kerosene hydrocarbons as a sole carbon source. Water Science And Technology. Volumen: 42 Número: 5-6 Páginas: 407-410. | https://doi.org/10.2166/wst.2000.0542 |
| 1092 | 2000 | Thalasso F, Omil F, Otero JO, Lema JM. Treatment of methanol in a dry biofilm reactor using tubular carrier. Water Science And Technology. Volumen: 42 Número: 5-6 Páginas: 419-427. | https://doi.org/10.2166/wst.2000.0544 |

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# BIOTECNOLOGÍA Y BIOINGENIERÍA

## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 1093 | 1999 | Vasco Mendez NL, Soriano Garcia M, Moreno A, Castellanos Molina R, Paredes Lopez O. Purification, crystallization, and preliminary X-ray characterization of a 36 kDa amaranth globulin. Journal Of Agricultural And Food Chemistry. Volumen: 47 Número: 3 Páginas: 862-866. | https://doi.org/10.1021/jf9809131 |
| 1094 | 1999 | Vidal G, Jiang ZP, Omil F, Thalasso F, Mendez R, Lema JM. Continuous anaerobic treatment of wastewaters containing formaldehyde and urea. Bioresource Technology. Volumen: 70 Número: 3 Páginas: 283-291. | https://doi.org/10.1016/S0960-8524(99)00031-0 |
| 1095 | 1999 | Beltran Hernandez RI, Coss Munoz E, Luna Guido ML, Mercado Garcia F, Siebe C, Dendooven L. Carbon and nitrogen dynamics in alkaline saline soil of the former Lake Texcoco (Mexico) as affected by application of sewage sludge. European Journal Of Soil Science. Volumen: 50 Número: 4 Páginas: 601-608. | https://doi.org/10.1046/j.1365-2389.1999.00270.x |
| 1096 | 1999 | Thalasso F, van der Burgt J, O'Flaherty V, Colleran E. Large-scale anaerobic degradation of betaine. Journal Of Chemical Technology And Biotechnology. Volumen: 74 Número: 12 Páginas: 1176-1182. | https://doi.org/10.1002/(SICI)1097-4660(199912)74:12<1176::AID-JCTB156>3.0.CO;2-Q |
| 1097 | 1999 | Silva EME, Dendooven L, Reynell JAU, Ramirez AIM, Alatorre GG, de la Torre Martinez M. Morphological development and gibberellin production by different strains of Gibberella fujikuroi in shake flasks and bioreactor. World Journal Of Microbiology & Biotechnology. Volumen: 15 Número: 6 Páginas: 753-755. | https://doi.org/10.1023/A:1008976000179 |
| 1098 | 1999 | Gomez Juarez C, Castellanos R, Ponce Noyola MT, Calderon V, Figueroa J. Protein recovery from slaughterhouse wastes. Bioresource Technology. Volumen: 70 Número: 2 Páginas: 129-133. | https://doi.org/10.1016/S0960-8524(99)00030-9 |
| 1099 | 1999 | Ruiz Herrera J, Martinez Espinoza AD, Alvarez PE, Xoconostle Cazares BG. Carboxin-resistant mutant of Ustilago maydis is impaired in its pathogenicity for Zea mays. Current Microbiology. Volumen: 39 Número: 5 Páginas: 291-294. | https://doi.org/10.1007/s002849900461 |
| 1100 | 1999 | Rojas R, Alba J, Magana Plaza I, Cruz F, Ramos Valdivia AC. Stimulated production of diosgenin in Dioscorea galeottiana cell suspension cultures by abiotic and biotic factors. Biotechnology Letters. Volumen: 21 Número: 10 Páginas: 907-911. | https://doi.org/10.1023/A:1005598623728 |
| 1101 | 1999 | Ruiz Medrano R, Xoconostle Cazares BG, Lucas WJ. Phloem long-distance transport of CmNACP mRNA: implications for supracellular regulation in plants. Development. Volumen: 126 Número: 20 Páginas: 4405-4419. | https://doi.org/10.1242/dev.126.20.4405 |
| 1102 | 1999 | Musatov A, Ortega Lopez J, Demeler B, Osborne JP, Gennis RB, Robinson NC. Detergent-solubilized Escherichia coli cytochrome bo(3) ubiquinol oxidase: a monomeric, not a dimeric complex. Febs Letters. Volumen: 457 Número: 1 Páginas: 153-156. | https://doi.org/10.1016/S0014-5793(99)01020-0 |
| 1103 | 1999 | Poggi Varaldo HM. Agricultural wastes. Water Environment Research. Volumen: 71 Número: 5 Páginas: 737-785. | https://doi.org/10.2175/106143099X133767 |
| 1104 | 1999 | Frias Hernandez JT, Aguilar Ledezma AL, Olalde Portugal V, Balderas Lopez JA, Gutierrez Juarez G, Alvarado Gil JJ, Castro JJ, Vargas H, Albores A, Dendooven L, Balderas Lopez JA, Miranda LCM, Frias Hernandez JT. Soil characteristics in semiarid highlands of central Mexico as affected by mesquite trees (Prosopis laevigata). Arid Soil Research And Rehabilitation. Volumen: 13 Número: 3 Páginas: 305-312. | https://doi.org/10.1080/089030699263339 |
| 1105 | 1999 | Cruz Cordova T, Roldan Carrillo TG, Diaz Cervantes D, Ortega Lopez J, Saucedo Castaneda G, Tomasini Campocosio A, Rodríguez Vázquez R. CO2 evolution and ligninolytic and proteolytic activities of Phanerochaete chrysosporium grown in solid state fermentation. Resources Conservation And Recycling. Volumen: 27 Número: 1-2 Páginas: 3-7. | https://doi.org/10.1016/S0921-3449(98)00080-9 |
| 1106 | 1999 | Rojas Avelizapa NG, Rodríguez Vázquez R, Enriquez Villanueva F, Martinez Cruz J, Poggi Varaldo HM. Transformer oil degradation by an indigenous microflora isolated from a contaminated soil. Resources Conservation And Recycling. Volumen: 27 Número: 1-2 Páginas: 15-26. | https://doi.org/10.1016/S0921-3449(98)00082-2 |
| 1107 | 1999 | Aceves MB, Grace C, Ansorena J, Dendooven L, Brookes PC. Soil microbial biomass and organic C in a gradient of zinc concentrations in soils around a mine spoil tip. Soil Biology & Biochemistry. Volumen: 31 Número: 6 Páginas: 867-876. | https://doi.org/10.1016/S0038-0717(98)00187-4 |
| 1108 | 1999 | Gomez Juarez C, Castellanos R, Ponce Noyola MT, Calderon Salinas V, Figueroa JD. Functional properties of globin protein obtained from bovine blood by decolorisation of the red cell fraction. Journal Of The Science Of Food And Agriculture. Volumen: 79 Número: 6 Páginas: 793-796. | https://doi.org/10.1002/(SICI)1097-0010(19990501)79:6<793::AID-JSFA286>3.0.CO;2-O |
| 1109 | 1999 | Schripsema J, Ramos Valdivia AC, Verpoorte R. Robustaquinones, novel anthraquinones from an elicited Cinchona robusta suspension culture. Phytochemistry. Volumen: 51 Número: 1 Páginas: 55-60. | https://doi.org/10.1016/S0031-9422(98)00470-1 |
| 1110 | 1999 | Dendooven L, Murphy ME, Catt JA. Dynamics of the denitrification process in soil from the Brimstone Farm experiment, UK. Soil Biology & Biochemistry. Volumen: 31 Número: 5 Páginas: 727-734. | https://doi.org/10.1016/S0038-0717(98)00171-0 |
| 1111 | 1999 | Rojas Avelizapa LI, Cruz Camarillo R, Guerrero MI, Rodríguez Vázquez R, Ibarra JE. Selection and characterization of a proteo-chitinolytic strain of Bacillus thuringiensis, able to grow in shrimp waste media. World Journal Of Microbiology & Biotechnology. Volumen: 15 Número: 2 Páginas: 299-308. | https://doi.org/10.1023/A:1008947029713 |
| 1112 | 1999 | Ruiz Medrano R, Guevara Gonzalez RG, Arguello Astorga GR, Monsalve Fonnegra Z, Herrera Estrella LR, Rivera Bustamante RF. Identification of a sequence element involved in AC2-mediated transactivation of the pepper huasteco virus coat protein gene. Virology. Volumen: 253 Número: 2 Páginas: 162-169. | https://doi.org/10.1006/viro.1998.9484 |
| 1113 | 1999 | Rojas Avelizapa NG, Rodríguez Vázquez R, Martinez Cruz J, Poggi Varaldo HM. Isolation and identification of microorganisms from a soil mixed culture aerobically degrading polychlorinated biphenyls. Bioremediation Of Nitroaromatic And Haloaromatic Compounds. Páginas: 149-154. | https://www.webofscience.com/wos/woscc/full-record/WOS:000082417000025 |
| 1114 | 1999 | Rodríguez Vázquez R, Montalvo C, Dendooven L, Esparza Garcia FJ, Fernandez L. Degradation of benzo (a)pyrene in soil by white rot fungi. Bioremediation Technologies For Polycyclic Aromatic Hydrocarbon Compounds. Páginas: 93-98. | https://www.webofscience.com/wos/woscc/full-record/WOS:000082417200016 |
| 1115 | 1999 | Rodríguez Vázquez R, Cruz Cordova T, Fernandez Sanchez JM, Roldan Carrillo T, Mendoza Cantu A, Saucedo Castana G, Tomasini Campocosio A. Use of sugarcane bagasse pith as solid substrate for P-chrysosporium growth. Folia Microbiologica. Volumen: 44 Número: 2 Páginas: 213-218. | https://doi.org/10.1007/BF02816245 |
| 1116 | 1999 | Rojas Avelizapa NG, Rodríguez Vázquez R, Martinez Cruz J, Esparza Garcia FJ, de Oca Garcia AM, Rios Leal E, Fernandez Villagomez G. Isolation and characterization of bacteria degrading polychlorinated biphenyls from transformer oil. Folia Microbiologica. Volumen: 44 Número: 3 Páginas: 317-321. | https://doi.org/10.1007/BF02818554 |
| 1117 | 1999 | Buenrostro Zagal JF, Ramirez Oliva A, Schettino Bermudez B, Caffarel Mendez S, Poggi Varaldo HM. 2,4-dichlorophenoxyacetic acid (2,4-D) degradation in a membrane bioreactor. Phytoremediation And Innovative Strategies For Specialized Remedial Applications. Páginas: 265-270. | https://www.webofscience.com/wos/woscc/full-record/WOS:000082416500042 |
| 1118 | 1999 | Xoconostle Cazares BG, Yu X, Ruiz Medrano R, Wang HL, Monzer J, Yoo BC, McFarland KC, Franceschi VR, Lucas WJ. Plant paralog to viral movement protein that potentiates transport of mRNA into the phloem. Science. Volumen: 283 Número: 5398 Páginas: 94-98. | https://doi.org/10.1126/science.283.5398.94 |
| 1119 | 1999 | Poggi Varaldo HM, Trejo Espino J, Fernandez Villagomez G, Esparza Garcia FJ, Caffarel Mendez S, Rinderknecht Seijas N. Quality of anaerobic compost from paper mill and municipal solid wastes for soil amendment. Water Science And Technology. Volumen: 40 Número: 11-12 Páginas: 179-186. | https://doi.org/10.1016/S0273-1223(99)00716-7 |
| 1120 | 1998 | Gomez Juarez C, Castellanos Molina R, Salazar Zazueta A. Evaluation of rheological and sensorial characteristics of breads elaborated by a mix of sunflower protein concentrate and texturized soy protein. Archivos Latinoamericanos De Nutricion. Volumen: 48 Número: 2 Páginas: 165-168. | https://pubmed.ncbi.nlm.nih.gov/9830494/ |
| 1121 | 1998 | Kennes C, Thalasso F. Waste gas biotreatment technology. Journal Of Chemical Technology And Biotechnology. Volumen: 72 Número: 4 Páginas: 303-319. | https://scijournals.onlinelibrary.wiley.com/doi/10.1002/(SICI)1097-4660(199808)72:4<303::AID-JCTB903>3.0.CO;2-Y |
| 1122 | 1998 | Lough TJ, Shash K, Xoconostle Cazares BG, Hofstra KR, Beck DL, Balmori E, Forster RLS, Lucas WJ. Molecular dissection of the mechanism by which potexvirus triple gene block proteins mediate cell-to-cell transport of infectious RNA. Molecular Plant-Microbe Interactions. Volumen: 11 Número: 8 Páginas: 801-814. | https://doi.org/10.1094/MPMI.1998.11.8.801 |
| 1123 | 1998 | Kragler F, Monzer J, Shash K, Xoconostle Cazares BG, Lucas WJ. Cell-to-cell transport of proteins: requirement for unfolding and characterization of binding to a putative plasmodesmal receptor. Plant Journal. Volumen: 15 Número: 3 Páginas: 367-381. | https://doi.org/10.1046/j.1365-313X.1998.00219.x |
| 1124 | 1998 | Luna Suarez S, Luna Guido ML, Frias Hernandez JT, Olalde Portugal V, Dendooven L. Soil processes as affected by replacement of natural mesquite ecosystem with maize crop. Biology And Fertility Of Soils. Volumen: 27 Número: 3 Páginas: 274-278. | https://doi.org/10.1007/s003740050433 |
| 1125 | 1998 | Ramos Valdivia AC, van der Heijden R, Verpoorte R. Isopentenyl diphosphate isomerase and prenyltransferase activities in rubiaceous and apocynaceous cultures. Phytochemistry. Volumen: 48 Número: 6 Páginas: 961-969. | https://doi.org/10.1016/S0031-9422(98)00145-9 |
| 1126 | 1998 | Farrera RR, Pérez Guevara F, de la Torre Martinez M. Carbon : nitrogen ratio interacts with initial concentration of total solids on insecticidal crystal protein and spore production in Bacillus thuringiensis HD-73. Applied Microbiology And Biotechnology. Volumen: 49 Número: 6 Páginas: 758-765. | https://doi.org/10.1007/s002530051243 |

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## HISTORIAL DE ARTICULOS EN REVISTAS JCR / 2024-1986

| No. | AÑO | AUTORES | LINK |
|---|---|---|---|
| 1127 | 1998 | Ilangovan K, Canizares Villanueva RO, Moreno SG, Voltolina D. Effect of cadmium and zinc on respiration and photosynthesis in suspended and immobilized cultures of Chlorella vulgaris and Scenedesmus acutus. Bulletin Of Environmental Contamination And Toxicology. Volumen: 60 Número: 6 Páginas: 936-943. | https://doi.org/10.1007/s001289900718 |
| 1128 | 1998 | Poggi Varaldo HM, Estrada Vazquez C, Rinderknecht Seijas N. Agricultural wastes. Water Environment Research. Volumen: 70 Número: 4 Páginas: 601-620. | https://doi.org/10.2175/106143098X134307 |
| 1129 | 1998 | Dendooven L, Bonhomme E, Merckx R, Vlassak K. Injection of pig slurry and its effects on dynamics of nitrogen and carbon in a loamy soil under laboratory conditions. Biology And Fertility Of Soils. Volumen: 27 Número: 1 Páginas: 5-8. | https://doi.org/10.1007/s003740050391 |
| 1130 | 1998 | Mayorga Reyes L, Ponce Noyola MT. Isolation of a hyperxylanolytic Cellulomonas flavigena mutant growing on continuous culture on sugar cane bagasse. Biotechnology Letters. Volumen: 20 Número: 5 Páginas: 443-446. | https://doi.org/10.1023/A:1005423509856 |
| 1131 | 1998 | Silva FCE, Ortega Lopez J, Arroyo R. YIGSR is the preferential laminin-1 residing adhesion sequence for Trichomonas vaginalis. Experimental Parasitology. Volumen: 88 Número: 3 Páginas: 240-242. | https://doi.org/10.1006/expr.1998.4227 |
| 1132 | 1998 | Dendooven L, Bonhomme E, Merckx R, Vlassak K. N dynamics and sources of N2O production following pig slurry application to a loamy soil. Biology And Fertility Of Soils. Volumen: 26 Número: 3 Páginas: 224-228. | https://doi.org/10.1007/s003740050371 |
| 1133 | 1997 | Ramos Valdivia AC, vanderHeijden R, Verpoorte R. Isopentenyl diphosphate isomerase: a core enzyme in isoprenoid biosynthesis. A review of its biochemistry and function. Natural Product Reports. Volumen: 14 Número: 6 Páginas: 591-603. | https://doi.org/10.1039/np9971400591 |
| 1134 | 1997 | Oleszkiewicz JA, Poggi Varaldo HM. High-solids anaerobic digestion of mixed municipal and industrial waste. Journal Of Environmental Engineering-Asce. Volumen: 123 Número: 11 Páginas: 1087-1092. | https://doi.org/10.1061/(ASCE)0733-9372(1997)123:11(1087) |
| 1135 | 1997 | Ramos Valdivia AC, VanderHeijden R, Verpoorte R, Camara B. Purification and characterization of two isoforms of isopentenyl-diphosphate isomerase from elicitor-treated Cinchona robusta cells. European Journal Of Biochemistry. Volumen: 249 Número: 1 Páginas: 161-170. | https://doi.org/10.1111/j.1432-1033.1997.t01-1-00161.x |
| 1136 | 1997 | Ramos Valdivia AC, vanderHeijden R, Verpoorte R. Elicitor-mediated induction of anthraquinone biosynthesis and regulation of isopentenyl diphosphate isomerase and farnesyl diphosphate synthase activities in cell suspension cultures of Cinchona robusta How. Planta. Volumen: 203 Número: 2 Páginas: 155-161. | https://doi.org/10.1007/s004250050177 |
| 1137 | 1997 | Dendooven L, Merckx R, Verstraeten LMJ, Vlassak K. Failure of an iterative curve-fitting procedure to successfully estimate two organic N pools. Plant And Soil. Volumen: 195 Número: 1 Páginas: 121-128. | https://doi.org/10.1023/A:1004252929840 |
| 1138 | 1997 | Poggi Varaldo HM, EstradaVazquez C. Agricultural wastes. Water Environment Research. Volumen: 69 Número: 4 Páginas: 575-603. | https://doi.org/10.2175/106143097X134876 |
| 1139 | 1997 | Poggi Varaldo HM, Rodríguez Vázquez R, Fernandez Villagomez G, Esparza Garcia FJ. Inhibition of mesophilic solid-substrate anaerobic digestion by ammonia nitrogen. Applied Microbiology And Biotechnology. Volumen: 47 Número: 3 Páginas: 284-291 | https://doi.org/10.1007/s002530050928 |
| 1140 | 1997 | Thalasso F. Biological gas treatment: general aspects. Biotechnology For Waste Management And Site Restoration: Technological, Educational, Business, Political Aspects Colección: Nato Advanced Science Institutes Series, Sub-Ser 2, Environmental Security. Volumen: 34 Páginas: 149-158. | https://link.springer.com/chapter/10.1007/978-94-009-1467-4_18 |
| 1141 | 1997 | Campos Velarde MD, Rios Leal E, Poggi Varaldo HM, LopezMercado V, FernandezVillagomez G. Chlorophenols and phenol removal in series anaerobic-aerobic fluidized bed reactors. In Situ And On-Site Bioremediation, Vol 3 Colección: Bioremediation Series. Volumen: 4(3) Número: 3 Páginas: 273-278. | https://jglobal.jst.go.jp/en/detail?JGLOBAL_ID=200902156881119317 |
| 1142 | 1997 | Poggi Varaldo HM, Estrada Vazquez C, Fernandez Villagomez G, Esparza Garcia FJ. Pretreatment of black liquor spills effluent. Proceedings Of The 51St Industrial Waste Conference Colección: Proceedings Of The Industrial Waste Conference. Páginas: 651-661. | https://www.webofscience.com/wos/woscc/full-record/WOS:A1997BH42A00067 |
| 1143 | 1997 | Poggi Varaldo HM, Valdes L, Esparza Garcia FJ, Fernandez Villagomez G . Solid substrate anaerobic co-digestion of paper mill sludge, biosolids, and municipal solid waste. Water Science And Technology. Volumen: 35 Número: 2-3 Páginas: 197-204. | https://doi.org/10.1016/S0273-1223(96)00957-2 |
| 1144 | 1996 | Perez Avalos O, Ponce Noyola MT, Magana Plaza I, de la Torre Martinez M. Induction of xylanase and beta-xylosidase in Cellulomonas flavigena growing on different carbon sources. Applied Microbiology And Biotechnology. Volumen: 46 Número: 4 Páginas: 405-409. | https://link.springer.com/article/10.1007/BF00166237 |
| 1145 | 1995 | Reyes Sosa CF, Castellanos Molina R. Nutritional evaluation of gizzard erosion positive brown fish meal in starter diets for Nile tilapia, Oreochromis niloticus. Aquaculture. Volumen: 138 Número: 1-4 Páginas: 323-329. | https://doi.org/10.1016/0044-8486(95)00052-6 |
| 1146 | 1995 | Ortega Lopez J, Robinson NC. Cytochrome-c-oxidase - biphasic kinetics result from incomplete reduction of cytochrome-a by cytochrome-c bound to the high-affinity site. Biochemistry. Volumen: 34 Número: 31 Páginas: 10000-10008. | https://doi.org/10.1021/bi00031a023 |
| 1147 | 1995 | Garcia Salas S, Flores Cotera LB. Influence of operating variables on liquid circulation in a 10.5-m(3) jet loop bioreactor. Biotechnology And Bioengineering. Volumen: 46 Número: 5 Páginas: 408-414. | https://doi.org/10.1002/bit.260460503 |
| 1148 | 1995 | Ponce Noyola MT, de La Torre Martinez M. Isolation of a high-specific-growth-rate mutant of cellulomonas-flavigena on sugar-cane bagasse. Applied Microbiology And Biotechnology. Volumen: 42 Número: 5 Páginas: 709-712. | https://doi.org/10.1007/BF00171949 |
| 1149 | 1995 | Canizares Villanueva RO, Dominguez Bocanegra AR, Cruz MS, Rios Leal E. Chemical-composition of cyanobacteria grown in diluted, aerated swine waste-water. Bioresource Technology. Volumen: 51 Número: 2-3 Páginas: 111-116. | https://doi.org/10.1016/0960-8524(94)00099-M |
| 1150 | 1994 | Canizares Villanueva RO, Ramos Valdivia AC, lemus r, gomezlojero c, travieso l. Growth of phormidium sp in aerobic secondary piggery waste-water. Applied Microbiology And Biotechnology. Volumen: 42 Número: 2-3 Páginas: 487-491. | https://doi.org/10.1007/s002530050283 |
| 1151 | 1994 | Canizares Villanueva RO, Ramos Valdivia AC, corona ai, monroy o, de la Torre Martinez M, gomez lojero c, travieso l. Phormidium treatment of anaerobically treated swine waste-water. Water Research. Volumen: 28 Número: 9 Páginas: 1891-1895. | https://doi.org/10.1016/0043-1354(94)90164-3 |
| 1152 | 1993 | Ponce Noyola MT, de la Torre Martinez M. Interactions in a mixed culture composed of cellulomonas-flavigena and xanthomonas sp growing in continuous-culture on sugar-cane bagasse. Applied Microbiology And Biotechnology. Volumen: 40 Número: 4 Páginas: 531-534. | https://doi.org/10.1007/BF00175744 |
| 1153 | 1993 | Ortega Lopez J, Morales Ramos LH, Montes Horcasitas MC, Magana Plaza I. Lactose hydrolysis by immobilized beta-galactosidase on nylon-6 - a novel spin-basket reactor. Biotechnology Techniques. Volumen: 7 Número: 11 Páginas: 775-780. | https://doi.org/10.1007/BF00153743 |
| 1154 | 1993 | Rodríguez Vázquez R, areyzaga m, parada a, Rios Leal E, anguisterrazas c. Isolation and characterization of lignin from rice hull. Journal Of The Science Of Food And Agriculture. Volumen: 62 Número: 1 Páginas: 101-104. | https://doi.org/10.1002/jsfa.2740620116 |
| 1155 | 1992 | Rodríguez Vázquez R, villanueva ventura g, Rios Leal E. Sugarcane bagasse pith dry pretreatment for single cell protein-production. Bioresource Technology. Volumen: 39 Número: 1 Páginas: 17-22. | https://doi.org/10.1016/0960-8524(92)90051-X |
| 1156 | 1990 | Iniguez Covarrubias G, de la Torre Martinez M, Cuaron Ibarguengoitia Ja, Perez Gavilan P, Magana Plaza I. Fermentation characteristics of swine waste ensiled with wheat straw and cane molasses. Biological Wastes. Volumen: 34 Número: 3 Páginas: 227-239. | https://doi.org/10.1016/0269-7483(90)90024-M |
| 1157 | 1990 | Iniguez Covarrubias G, Cuaron Ibarguengoitia JA, Perez Gavilan P, de la Torre Martinez M, Magana Plaza I. Fermentation characteristics, digestibility and performance of ensiled swine waste, wheat straw and cane molasses fed to sheep. Biological Wastes. Volumen: 34 Número: 4 Páginas: 281-299. | https://doi.org/10.1016/0269-7483(90)90030-V |
| 1158 | 1986 | Iniguez Covarrubias G, Franco Gomez MD, Peña Romero M, Ciurlizz Aguizar A. Evaluation of the protein-quality of solids recovered from hog manure slurry. Agricultural Wastes. Volumen: 16 Número: 2 Páginas: 113-120. | https://doi.org/10.1016/0141-4607(86)90084-3 |