

# BIOTECNOLOGÍA Y BIOINGENIERÍA

## ARTICULOS EN REVISTAS JCR - 2024

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. <i>Journal of Hazardous Materials</i> . Volumen: 472 Número: 134533 ISSN: 0304-3894.	<a href="https://doi.org/10.1016/j.jhazmat.2024.134533">https://doi.org/10.1016/j.jhazmat.2024.134533</a>
2	2024	Venkata Chari S, Gurusamy Kutralam-Muniasamy. Migration testing of microplastics in plastic food-contact materials: Release, characterization, pollution level, and influencing factors. <i>TrAC Trends in Analytical Chemistry</i> . Volumen: 170 Número: 117421 ISSN: 0165-9936.	<a href="https://doi.org/10.1016/j.trac.2023.117421">https://doi.org/10.1016/j.trac.2023.117421</a>
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)nanoplastics analysis: "The 3As" analysis, advances, and applications. <i>TrAC Trends in Analytical Chemistry</i> , Volumen: 174 Número: 117673 ISSN: 0165-9936.	<a href="https://doi.org/10.1016/j.trac.2024.117673">https://doi.org/10.1016/j.trac.2024.117673</a>
4	2024	Venkata Chari S, Gurusamy Kutralam-Muniasamy, Pérez Guevara F. Diagnostic toolbox for plastisphere studies: A review. <i>TrAC Trends in Analytical Chemistry</i> , Volumen: 181 Número: 117996 ISSN: 0165-9936.	<a href="https://doi.org/10.1016/j.trac.2024.117996">https://doi.org/10.1016/j.trac.2024.117996</a>
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. <i>Environmental Science &amp; Technology</i> . Volumen: 58 Páginas: 7393-7402 ISSN: 0013-936X.	<a href="https://doi.org/10.1021/acs.est.3c10746">https://doi.org/10.1021/acs.est.3c10746</a>
6	2024	Eric Dumontell, 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. <i>Journal of Biomedical Science</i> . Volumen: 31 Número: 58 ISSN: 1221-7770.	<a href="https://doi.org/10.1186/s12929-024-01050-5">https://doi.org/10.1186/s12929-024-01050-5</a>
7	2024	Ramos Valdivia AC and Carlos M. Cerdá-García-Rojas. Biosynthesis of oxindole alkaloids: Recent advances and challenges. <i>Current Opinion in Plant Biology</i> . Volumen: 82 Número: 102648 ISSN: 1369-5266.	<a href="https://doi.org/10.1016/j.pbi.2024.102648">https://doi.org/10.1016/j.pbi.2024.102648</a>
8	2024	Nazlı Olgına, Ufuk Tarı, Nurgül Balıcı, Safak Altunkaynak, İslıl Gürarslan, Sevil Deniz Yakan, Thalasso F, María Soledad Astorga-España, Lea Cabrol, Celine Lavergne, Linn Hoffmann. Lithological controls on lake water biogeochemistry in Maritime Antarctica. <i>Science of the Total Environment</i> . Volumen: 912 Número: 168562 ISSN: 0048-9697.	<a href="https://doi.org/10.1016/j.scitotenv.2023.168562">https://doi.org/10.1016/j.scitotenv.2023.168562</a>
9	2024	Carlos Francisco Moreno Cruz, 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. <i>Science of the Total Environment</i> . Volumen: 922 Número: 171281 ISSN: 0048-9697.	<a href="https://doi.org/10.1016/j.scitotenv.2024.171281">https://doi.org/10.1016/j.scitotenv.2024.171281</a>
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. <i>Science of The Total Environment</i> . Volumen: 912 Número: 169316 ISSN: 0048-9697.	<a href="https://doi.org/10.1016/j.scitotenv.2024.177010">https://doi.org/10.1016/j.scitotenv.2024.177010</a>
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. <i>Science of The Total Environment</i> . Volumen: 955 Número: 177010.	<a href="https://doi.org/10.1016/j.envpol.2022.119800">https://doi.org/10.1016/j.envpol.2022.119800</a>
12	2024	Venkata Chari S, Gurusamy Kutralam Muniasamy, Pérez Guevara F, Priyadarshi 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. <i>Environmental Pollution</i> . Volumen: 359 Número: 124699 ISSN: 0269-7491.	<a href="https://doi.org/10.1016/j.foodres.2023.113840">https://doi.org/10.1016/j.foodres.2023.113840</a>
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. <i>Food Research International</i> . Volumen: 176 Número: 113840 ISSN: 0963-9969.	<a href="https://doi.org/10.1016/j.clnu.2024.06.036">https://doi.org/10.1016/j.clnu.2024.06.036</a>
14	2024	Martha Guevara-Cruz, Karla G. Hernandez-Gomez Cittally Condado-Huerta, Luis E. Gonzalez-Salazar, Ana Karen Pena-Flores, Edgar Pichardo-Ontiveros, Aurora E. Serralde-Zúñiga, Monica Sanchez-Tapia, Otoniel Maya, Isabel Medina-Vera, Lilia G. Noriega, Adriana Lopez-Barradas, Oscar Rodriguez-Lima, Irma Mata, Olin Sandoval MV, Nimbe Torres, Armando R. Tovar, Laura A. Velázquez-Villegas. Intermittent fasting, calorie restriction, and a ketogenic diet improve mitochondrial function by reducing lipopolysaccharide signaling in monocytes during obesity: A randomized clinical trial. <i>Clinical Nutrition</i> . Volumen: 43 Páginas: 1914-1928 ISSN: 0261-5614.	<a href="https://doi.org/10.3390/ijms25147716">https://doi.org/10.3390/ijms25147716</a>
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, Rocío 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-Escudrillas, 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. <i>International Journal of Molecular Sciences</i> . Volumen: 25 Número: 7716 ISSN: 1661-6596.	<a href="https://doi.org/10.3390/polym16192691">https://doi.org/10.3390/polym16192691</a>
16	2024	Domingo Jiménez-López, Xoconostle Cázares BG, Berenice Calderón-Pérez , Brenda Yazmín Vargas-Hernández, Leandro Alberto Núñez Muñoz, José Abraham Ramírez-Pool and Ruiz Medrano R. Evolutionary and Structural Analysis of PP16 in Viridiplanteae. <i>International Journal of Molecular Sciences</i> . Volumen: 25 Número: 2839 ISSN: 1661-6596.	<a href="https://doi.org/10.3390/vaccine.2023.04.065">https://doi.org/10.3390/vaccine.2023.04.065</a>
17	2024	Maria Elena Mancera-López and Barrera Cortes J. Influence of Chitosan on the Viability of Encapsulated and Dehydrated Formulations of Vegetative Cells of Actinomycetes. <i>Polymers</i> . Volumen: 16 Número: 2691 eISSN: 2073-4360.	<a href="https://doi.org/10.3390/microorganisms12061066">https://doi.org/10.3390/microorganisms12061066</a>
18	2024	Michel de Jesús Aceves-Sánchez, Jorge Alberto Barrios-Payan, Cristián Alfredo Segura-Cerde, 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-Oehmann, Guillermo 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. <i>Vaccine</i> . Volumen: 41 Páginas: 3824-3835 ISSN: 0264-410X.	<a href="https://doi.org/10.3390/ijms25052839">https://doi.org/10.3390/ijms25052839</a>
19	2024	Rosangel Ortega-Villar, Adelio Escalante, Fernando Astudillo-Metgar, 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. <i>Microorganisms</i> . Volumen: 12 Número: 1066 ISSN: 2076-2607.	<a href="https://doi.org/10.3390/ces.2024.119869">https://doi.org/10.3390/ces.2024.119869</a>
20	2024	Aguilar Lopez R, Pablo A. Lopez-Perez, Ricardo Femat. Unit intensification for exothermic chemical reactors via minimum stabilization time. <i>Chemical Engineering Science</i> . Volumen: 289 Número: 119869 ISSN: 0009-2509.	<a href="https://doi.org/10.3390/plants13213073">https://doi.org/10.3390/plants13213073</a>
21	2024	Adriana Vargas-Almendra, Ruiz Medrano R, Leandro Alberto Núñez-Muñoz, José Abraham Ramírez-Pool, Berenice Calderón-Pérez and Xoconostle Cázares BG. Advances in Soybean Genetic Improvement. <i>Plants-Basel</i> . Volumen: 13 Número: 3073 ISSN: 2223-7747.	<a href="https://doi.org/10.3390/polym16192691">https://doi.org/10.3390/polym16192691</a>
22	2024	Ana Luisa López-Vázquez, Edgar Baldemar Sepúlveda-García, Elizabeth Rubio-Rodríguez, Ponce Noyola MT, Gabriela Trejo-Tapia, Barrera Cortes J, Carlos M. Cerdá-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. <i>Plants-Basel</i> . Volumen: 13 Número: 966 ISSN: 2223-7747.	<a href="https://doi.org/10.3390/ijms25147716">https://doi.org/10.3390/ijms25147716</a>
23	2024	Jesús Adrián Barajas González, Yersina Ely Keller de la Rosa, Rogelio Carrillo-González, Ma. del Carmen Ángeles González-Chávez, Hidalgo Lara ME, Ramón Marcos Soto Hernández, and Brautio Edgar Herrera Cabrera. NaCl Modifies Biochemical Traits in Bacterial Endophytes Isolated from Halophytes: Towards Salinity Stress Mitigation Using Consortia. <i>Plants-Basel</i> . Volumen: 13 Número: 1626 ISSN: 2223-7747.	<a href="https://doi.org/10.3390/ijms25052839">https://doi.org/10.3390/ijms25052839</a>
24	2024	Velázquez Fernández JB, Claudia Elizabeth Aceves Suriano, Thalasso F, Nina Montoya-Ciriacio, and Dendooven L. Structural and functional bacterial biodiversity in a copper, zinc and nickel amended bioreactor: shotgun metagenomic study. <i>BMC Microbiology</i> . Volumen: 24 Número: 313 ISSN: 1471-2180.	<a href="https://doi.org/10.3390/ijms25147716">https://doi.org/10.3390/ijms25147716</a>
25	2024	Vanessa Romero-Yahuitl, Karla Estephania Zarco-González, Ana Lilia Toriz-Nava, Mauricio Hernández, Velázquez Fernández JB, Yendi E. Navarro-Noya, Marco Luna-Guidó and Dendooven L. The archaeal and bacterial community structure in composted cow manures is defined by the original populations: a shotgun metagenomic approach. <i>Frontiers in Microbiology</i> . Volumen: 15 Número: 1425548 ISSN: 1664-302X.	<a href="https://doi.org/10.3390/ijms25147716">https://doi.org/10.3390/ijms25147716</a>
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 RPS28P1 Pseudogene and the Metazoa-SRP Gene as Drug Potential Targets in Pancreatic Cancer Patients. <i>Biomedicines</i> . Volumen: 12 Número: 395 ISSN: 2227-9059.	<a href="https://doi.org/10.3390/biomedicines12020395">https://doi.org/10.3390/biomedicines12020395</a>
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. <i>Scientia Horticulturae</i> . Volumen: 328 Número: 112889 ISSN: 0304-4238.	<a href="https://doi.org/10.3390/scientia.2024.112889">https://doi.org/10.3390/scientia.2024.112889</a>

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## ARTICULOS EN REVISTAS JCR - 2024

No.	AÑO	AUTORES	LINK
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. <i>Biochemical Engineering Journal</i> . Volumen: 201 Número: 109121 ISSN: 1369-703X.	<a href="https://doi.org/10.1016/j.bej.2023.109121">https://doi.org/10.1016/j.bej.2023.109121</a>
29	2024	Yeily A. Rangel-Basto, Ramos Valdivia AC Carlos M. Cerdá-García Rojas, Ponce Noyola MT. Saccharified sugarcane bagasse as a substrate for astaxanthin production by Xanthophylomyces dendrophorus. <i>Biomass Conversion and Biorefinery</i> . Volumen: 14 Páginas: 8071-8079 ISSN: 2190-6823.	<a href="https://doi.org/10.1007/s13399-022-02934-y">https://doi.org/10.1007/s13399-022-02934-y</a>
30	2024	Guadalupe Pérez-Morales, Poggi Varaldo HM, Ponce Noyola MT, Abigail Pérez-Valdespino, Everardo Curiel-Quesada, Juvencio Galíndez-Mayer, Nora Ruiz-Ordaz, Perla Kochilt Sotelo-Navarro. A Review of the Production of Hyaluronic Acid in the Context of Its Integration into GBAER-Type Biorefineries. <i>Fermentation</i> -Basel. Volumen: 10 Número: 305 ISSN: 2311-5637.	<a href="https://doi.org/10.3390/fermentation10060305">https://doi.org/10.3390/fermentation10060305</a>
31	2024	José Abraham Ramírez-Pool, Berenice Calderón-Pérez, Ruiz Medrano R, Randy Ortiz-Castro, Xoconostle Cazares BG. <i>Bacillus Strains as Effective Biocontrol Agents Against Phytopathogenic Bacteria and Promoters of Plant Growth</i> . <i>Microbial Ecology</i> . Volumen: 87 Número: 76 ISSN: 0095-3628.	<a href="https://doi.org/10.1007/s00248-024-02384-1">https://doi.org/10.1007/s00248-024-02384-1</a>
32	2024	Gabriela Medina-Pérez, Laura Afanador-Barajas, Sergio Pérez-Rios, Yendi E. Navarro-Noya, Marco Luna-Guido, Fabián Fernández-Luqueño, Dendooven L. Bacterial Communities in the Rhizosphere of Common Bean Plants ( <i>Phaseolus vulgaris L.</i> ) Grown in an Arable Soil Amended with TiO <sub>2</sub> Nanoparticles. <i>Agronomy</i> -Basel. Volumen: 14 Número: 74 ISSN: 2073-4395.	<a href="https://doi.org/10.3390/agronomy14010074">https://doi.org/10.3390/agronomy14010074</a>
33	2024	Ricardo Femat, Aguilar Lopez R, and Juan L. Mata-Machuca. Bioprocess Intensification of a Continuous-Flow Enzymatic Bioreactor via Productivity Dynamis Optimization under Modeling Uncertainty. <i>Fermentation</i> -Basel. Volumen: 10 Número: 11 ISSN: 2311-5637.	<a href="https://doi.org/10.3390/fermentation10010011">https://doi.org/10.3390/fermentation10010011</a>
34	2024	Verónica Aranda-Chan, Rosa Elena Cárdenas-Guerra, Alejandro Otero-Pedraza, Esdras Enoc Pacindo-Cabrala, Claudia Ivonne Flores-Pucheta, Octavio Montes-Flores, Rossana Arroyo and Ortega Lopez J. Insights into Peptidyl-Prolyl cis-trans Isomerasers from Clinically Important Protozoans: From Structure to Potential Biotechnological Applications. <i>Pathogens</i> . Volumen: 13 Número: 644 ISSN: 2076-0817.	<a href="https://doi.org/10.3390/pathogens13080644">https://doi.org/10.3390/pathogens13080644</a>
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. <i>Microbial Ecology</i> . Volumen: 87 Número: 93 ISSN: 0095-3628.	<a href="https://doi.org/10.1007/s00248-024-02408-w">https://doi.org/10.1007/s00248-024-02408-w</a>
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 <i>Abies religiosa</i> (Kunth) Schidl. & Cham. <i>Microbial Ecology</i> . Volumen: 87 Número: 90 ISSN: 0095-3628.	<a href="https://doi.org/10.1007/s00248-024-02398-9">https://doi.org/10.1007/s00248-024-02398-9</a>
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. <i>Fermentation</i> -Basel. Volumen: 10 Número: 393 ISSN: 2311-5637.	<a href="https://doi.org/10.3390/fermentation10080393">https://doi.org/10.3390/fermentation10080393</a>
38	2024	Ana Karen Iavanna 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. <i>Processes</i> . Volumen: 12 Número: 1299 ISSN: 2227-9717.	<a href="https://doi.org/10.3390/pr12071299">https://doi.org/10.3390/pr12071299</a>
39	2024	Mario Alberto Flores-Valdez, Velázquez Fernández JB, Cesar Pedroza-Roldan, Michel de Jesús Aceves-Sánchez, Abel Gutiérrez-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 BCGABC1419c during planktonic growth in TH9 and Proskauer Beck media. <i>Tuberculosis</i> . Volumen: 144 Número: 102432 ISSN: 1472-9792.	<a href="https://doi.org/10.1016/j.tube.2023.102432">https://doi.org/10.1016/j.tube.2023.102432</a>
40	2024	Pablo Morales-Rico, JessicaRamos-Díaz, EstefaniMendoza-León, FranciscoSilva-Olmedo and Thalasso F. A simplified open flux chamber method for the measurement of greenhouse gas emissions from activated sludge reactors. <i>Journal of Water and Climate Change</i> . Volumen: 15 Páginas: 2127-2140 ISSN: 2040-2244.	<a href="https://doi.org/10.2166/wcc.2024.580">https://doi.org/10.2166/wcc.2024.580</a>
41	2024	Mayra Alejandra Lopez-Ortega, Mariana Escalante-Aviles, Adriana Ines Rodriguez-Hernandez, Ma. del Rocío Lopez-Cuellar, Rocío Yanet Aguirre-Loredo, Victor Manuel Martínez-Juarez, Pérez Guevara F, Miguel Angel Hernandez-Valdepena and Norberto Chavarria-Hernandez. Co-production of polyhydroxyalkanoates (PHAs) and expolysaccharides (EPSs) by halophilic archaeon Haloferax mucosum. <i>New Journal of Chemistry</i> . Volumen: 48 Páginas: 20188-20200 ISSN: 1144-0546.	<a href="https://doi.org/10.1039/d4nj02422b">https://doi.org/10.1039/d4nj02422b</a>
42	2024	Oscar Gerardo-Nieto, Martín Merino-Ibarra, Salvador Sánchez-Carrillo, Andrea P. Guzmán-Arias, Fermín S. Castillo-Sandoval, Mariel Barjaú-Aguilar, Patricia M. Valdespino-Castillo, Julio A. Lestayo-González, Julio Díaz-Valenzuela, Jorge Alberto Ramírez-Zierold and Thalasso F. Limnological dynamics of methane (CH <sub>4</sub> ) and carbon dioxide (CO <sub>2</sub> ) emissions from a tropical hypertrophic reservoir lake. <i>Journal of Water and Climate Change</i> . Volumen: 15 Páginas: 2364-2378 ISSN: 2040-2244.	<a href="https://doi.org/10.2166/wcc.2024.723">https://doi.org/10.2166/wcc.2024.723</a>
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. <i>Bioremediation Journal</i> . ISSN: 1088-9868.	<a href="https://doi.org/10.1080/10889868.2024.2407240">https://doi.org/10.1080/10889868.2024.2407240</a>
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-TiO <sub>2</sub> Films: A Fractional Factorial Design Approach. <i>Chemistryselect</i> . Volumen: 9 Número: e202304335 ISSN: 2365-6549.	<a href="https://doi.org/10.1002/slct.202304335">https://doi.org/10.1002/slct.202304335</a>
45	2024	Zoila Mora-Guzmán, Flores Coterá LB, Eduardo Pérez-Campos, Rebeca López-Marure, Delia Soto-Castro, Felipe Alonso Masso-Rojas, Araceli Paéz Arenas, Edgar Zenteno, Margarito Martínez-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). <i>Iranian Journal of Pharmaceutical Research</i> . Volumen: 23 Número: e149405 ISSN: 1735-0328.	<a href="https://doi.org/10.5812/ijsr.149405">https://doi.org/10.5812/ijsr.149405</a>
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. <i>Chemical Engineering &amp; Technology</i> . Volumen: 47 Páginas: 779-790 ISSN: 0930-7516.	<a href="https://doi.org/10.1002/ceat.202300324">https://doi.org/10.1002/ceat.202300324</a>
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. <i>Canadian Journal of Chemical Engineering</i> . Volumen: 103 Páginas: 744-757 ISSN: 0008-4034.	<a href="https://doi.org/10.1002/cjce.25411">https://doi.org/10.1002/cjce.25411</a>
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