

No.	AÑO	AUTORES	LINK
1	2015	Escamilla Alvarado C, Poggi Valardo 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
2	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
3	2015	Hernandez Flores G, Poggi Valardo HM, Solorza Fera 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
4	2015	Hernandez Flores G, Poggi Valardo HM, Solorza Fera 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
5	2015	Vazquez Larios AL, Poggi Valardo HM, Solorza Fera 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
6	2015	Hernandez Flores G, Poggi Valardo HM, Solorza Fera 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
7	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
8	2015	Sanchez Rojo S, Cerdá García Rojas CM, Esparza García FJ, Plascencia J, Poggi Valardo 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
9	2015	Castelblanco Matiz LM, Barbachano Torres A, Ponce Noyola MT, Ramos Valdivia AC, García 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
10	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, Briebe 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
11	2015	García Díaz C, Nebbioso A, Piccolo A, Barrera Cortes J, Martínez 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
12	2015	Ramírez DEV, Florencio Martínez LE, Romero Meza G, Rojas Sanchez S, Moreno Campos R, Arroyo R, Ortega Lopez J, Manning Cella R, Martínez 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
13	2015	Casado NAR, Montes Horcasitas MC, Rodríguez Vázquez R, Esparza García 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
14	2015	Kamaraj SK, Romano SM, Moreno VC, Poggi Valardo HM, Solorza Fera 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
15	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
16	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
17	2015	Martinez Campos V, Martinez Vega P, Ramirez Sierra MJ, Rosado Vallado M, Seid CA, Hudspeth EM, Wei JF, Liu ZY, Kwitny 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
18	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
19	2015	Ruiz Herrera J, Leon Ramirez C, Vera Nunez A, Sanchez Arreguin A, Ruiz Medrano R, Salgado Lugo H, Sanchez Segura L, Pena Cabriaes 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
20	2015	Toscano Morales R, Xocostle Cazares BG, Cabrera Ponce JL, Hinojosa Moya J, Ruiz Salas JL, Galvan Gordillo SV, Guevara Gonzalez RG, Ruiz Medrano R. AtCTP2, 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
21	2015	Hernandez Flores G, Poggi Valardo HM, Solorza Fera 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
22	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
23	2015	Alvarez Mejia C, Rodríguez 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
24	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
25	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
26	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
27	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
28	2015	Linares García 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
29	2015	Perez PAL, Aguilar Lopez R, Gonzalez MIN. Cadmium removal at high concentration in aqueous medium: mediated by Desulfotribio alaskensis. International Journal Of Environmental Science And Technology. Volumen: 12 Número: 6 Páginas: 1975-1986.	https://doi.org/10.1007/s13762-014-0601-4

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30	2015	Ramírez Villanueva DA, Bello López 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. <i>Applied Soil Ecology</i> . Volumen: 90 Páginas: 49-59	https://doi.org/10.1016/j.apsoil.2015.01.010
31	2015	Sastre Conde I, Lobo MC, Beltrán Hernández RI, Poggi Valardo HM. Remediation of saline soils by a two-step process: Washing and amendment with sludge. <i>Geoderma</i> . Volumen: 247 Páginas: 140-150.	https://doi.org/10.1016/j.geoderma.2014.12.002
32	2015	Dominguez Bocanegra AR, Torres Muñoz JA, Aguilar López R. Production of Bioethanol from agro-industrial wastes. <i>Fuel</i> . Volumen: 149 Páginas: 85-89.	https://doi.org/10.1016/j.fuel.2014.09.062
33	2015	Juarez Ramirez C, Galindez Mayer J, Ruiz Ordaz N, Ramos Monroy O, Santoyo Tepole F, Poggi Valardo HM. Steady-state inhibition model for the biodegradation of sulfonated amines in a packed bed reactor. <i>New Biotechnology</i> . Volumen: 32 Número: 3 Páginas: 379-386.	https://doi.org/10.1016/j.nbt.2014.07.010
34	2015	Lara Cisneros G, Aguilar López R, Femat R. On the dynamic optimization of methane production in anaerobic digestion via extremum-seeking control approach. <i>Computers & Chemical Engineering</i> . Volumen: 75 Páginas: 49-59.	https://doi.org/10.1016/j.compchemeng.2015.01.018
35	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. <i>Soil & Sediment Contamination</i> . Volumen: 24 Número: 3 Páginas: 223-249.	https://doi.org/10.1080/15320383.2015.946593
36	2015	Dendooven L, Ramírez Fuentes E, Alcantara Hernández R, Valenzuela Encinas C, Sánchez López KB, Luna Guido M, Ruiz Valdiviezo VM. Dynamics of C-14-labelled Glucose and NH ₄ ⁺ in a Regularly Flooded Extremely Alkaline Saline Soil. <i>Pedosphere</i> . Volumen: 25 Número: 2 Páginas: 230-239.	https://doi.org/10.1016/S1002-0160(15)60008-X
37	2015	Ortiz FAC, López Pérez PA, Femat R, Lara Cisneros G, Aguilar López R. Regulation of a Class of Continuous Bioreactor under Switching Kinetic Behavior: Modeling and Simulation Approach. <i>Industrial & Engineering Chemistry Research</i> . Volumen: 54 Número: 4 Páginas: 1326-1332.	https://doi.org/10.1021/ie504180v
38	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 <i>Trichomonas vaginalis</i> that inhibits trichomonal haemolysis. <i>International Journal Of Biochemistry & Cell Biology</i> . Volumen: 59 Páginas: 73-83.	https://doi.org/10.1016/j.biocel.2014.12.001
39	2015	Rodríguez APG, Martínez MG, Barrera Cortes J, Ibarra JE, Bustos FM. Bio-insecticide <i>Bacillus thuringiensis</i> spores encapsulated with amaranth derivatized starches: studies on the propagation "in vitro". <i>Bioprocess And Biosystems Engineering</i> . Volumen: 38 Número: 2 Páginas: 329-339.	https://doi.org/10.1007/s00449-014-1273-7
40	2015	Islas García A, Vega Loyo L, Aguilar López R, Xocanostle Cazares BG, Rodríguez Vázquez R. Evaluation of hydrocarbons and organochlorine pesticides and their tolerant microorganisms from an agricultural soil to define its bioremediation feasibility. <i>Journal Of Environmental Science And Health Part B-Pesticides Food Contaminants And Agricultural Wastes</i> . Volumen: 50 Número: 2 Páginas: 99-108.	https://doi.org/10.1080/03601234.2015.975605
41	2015	Fava F, Totaro G, Diels L, Reis M, Duarte J, Carioca OB, Poggi Valardo HM, Ferreira BS. Biowaste biorefinery in Europe: opportunities and research & development needs. <i>New Biotechnology</i> . Volumen: 32 Número: 1 Páginas: 100-108.	https://doi.org/10.1016/j.nbt.2013.11.003
42	2015	Rivera Hoyos CM, Morales Álvarez ED, Poveda Cuevas SA, Reyes Guzman EA, Poutou Pinales RA, Reyes Montano EA, Pedrosa Rodríguez AM, Rodríguez Vázquez R, Cardozo Bernal AM. Computational Analysis and Low-Scale Constitutive Expression of Laccases Synthetic Genes GILCC1 from <i>Ganoderma lucidum</i> and POXA 1B from <i>Pleurotus ostreatus</i> in <i>Pichia pastoris</i> . <i>Plos One</i> . Volumen: 10 Número: 1 Número de artículo: e0116524.	https://doi.org/10.1371/journal.pone.0116524
43	2015	Guzmán Trampe S, Rodríguez Peña K, Espinosa Gómez A, Sánchez Fernández RE, Macías Rubalcava ML, Flores Cotera LB, Sánchez S. Endophytes as a Potential Source of New Antibiotics. <i>Antibiotics: Current Innovations And Future Trends</i> . Páginas: 175-204.	https://doi.org/10.1016/j.bcp.2016.10.010
44	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. <i>Revista Internacional De Contaminación Ambiental</i> . Volumen: 31 Número: 4 Páginas: 343-350.	https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0188-49992015000400002
45	2015	Cuevas Ortiz FA, Neria González MI, Aguilar López R. Nonlinear observer for switched systems: application to a batch bioreactor. <i>Revista Mexicana De Ingeniería Química</i> . Volumen: 14 Número: 1 Páginas: 137-147.	https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382015000100012
46	2015	Gómez Acata RV, Lara Cisneros G, Femat R, Aguilar López R. On the dynamic behaviour of a class of bioreactor with non-conventional yield coefficient form. <i>Revista Mexicana De Ingeniería Química</i> . 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
47	2015	Luján Hidalgo MC, Pérez Gómez LE, Abud Archila M, Meza Gordillo R, Ruiz Valdiviezo VM, Dendooven L, Gutierrez Miceli FA. Growth, Phenolic Content and Antioxidant Activity in Chincuya (<i>Annona purpurea</i> Moc & Sesse ex Dunal) Cultivated with Vermicompost and Phosphate Rock. <i>Compost Science & Utilization</i> . Volumen: 23 Número: 4 Páginas: 276-283.	https://doi.org/10.1080/1065657X.2015.1046617
48	2015	Ramírez Vargas R, Serrano Silva N, Navarro Noya YE, Alcantara Hernández RI, Luna Guido M, Thalasso F, Dendooven L. 454 pyrosequencing-based characterization of the bacterial consortia in a well established nitrifying reactor. <i>Water Science And Technology</i> . Volumen: 72 Número: 6 Páginas: 990-997.	https://doi.org/10.2166/wst.2015.295
49	2015	Martínez Cruz K, Sepúlveda Jauregui A, Anthony KW, Thalasso F. Geographic and seasonal variation of dissolved methane and aerobic methane oxidation in Alaskan lakes. <i>Biogeosciences</i> . Volumen: 12 Número: 15 Páginas: 4595-4606.	https://doi.org/10.5194/bg-12-4595-2015
50	2015	López Pérez PA, Cuevas Ortiz FA, Gómez Acata RV, Aguilar López R. Improving Bioethanol Production via Nonlinear Controller with Noisy Measurements. <i>Chemical Engineering Communications</i> . Volumen: 202 Número: 11 Páginas: 1438-1445.	https://doi.org/10.1080/00986445.2014.956737
51	2015	Sepúlveda Jauregui A, Anthony KMW, Martínez Cruz K, Greene S, Thalasso F. Methane and carbon dioxide emissions from 40 lakes along a north-south latitudinal transect in Alaska. <i>Biogeosciences</i> . Volumen: 12 Número: 11 Páginas: 3197-3223.	https://doi.org/10.5194/bg-12-3197-2015
52	2015	Arroyo R, Cardenas Guerra RE, Figueroa Angulo EE, Puente Rivera J, Zamudio Prieto O, Ortega López J. <i>Trichomonas vaginalis</i> Cysteine Proteinases: Iron Response in Gene Expression and Proteolytic Activity. <i>Biomed Research International</i> . Número de artículo: 946787.	https://doi.org/10.1155/2015/946787
53	2015	Navarro Noya YE, Valenzuela Encinas C, Sandoval Yurir A, Jimenez Bueno NG, Marsch Moreno R, Dendooven L. Archaeal Communities in a Heterogeneous Hypersaline-Alkaline Soil. <i>Archaea-An International Microbiological Journal</i> . Número de artículo: 646820.	https://doi.org/10.1155/2015/646820
54	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. <i>Journal Of Environmental Biology</i> . Volumen: 36 Número: 1 Páginas: 229-234.	https://pubmed.ncbi.nlm.nih.gov/26536797/
55	2015	Vera Reyes I, Huerta Heredia AA, Ponce Noyola MT, Cerda García Rojas CM, Trejo Tapia G, Ramos Valdivia AC. Monoterpenoid indole alkaloids and phenols are required antioxidants in glutathione depleted <i>Uncaria tomentosa</i> root cultures. <i>Frontiers In Environmental Science</i> . Volumen: 3 Número de artículo: 27.	https://doi.org/10.3389/fenvs.2015.00027
56	2015	González Valencia R, Magaña Rodríguez F, Maldonado E, Salinas J, Thalasso F. Detection of hotspots and rapid determination of methane emissions from landfills via a ground-surface method. <i>Environmental Monitoring And Assessment</i> . Volumen: 187 Número: 1 Número de artículo: 4083.	https://doi.org/10.1007/s10661-014-4083-0