

No.	AÑO	AUTORES	LINK
1	2012	Perez Gutierrez RM, Flores Cotera LB, Neira Gonzalez AM. Evaluation of the Antioxidant and Anti-glycation 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. <i>Molecules</i> . Volumen: 17 Páginas: 11897-11919.	https://doi.org/10.3390/molecules171011897
2	2012	Poggi Valardo 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. <i>Journal Of Environmental Management</i> . Volumen: 113 Páginas: 527-537.	https://doi.org/10.1016/j.jenvman.2012.03.015
3	2012	Gomez Alvarez M, Poznyak T, Rios Leal E, Silva Sanchez C. Anthracene decomposition in soils by conventional ozonation. <i>Journal Of Environmental Management</i> . Volumen: 113 Páginas: 545-551.	https://doi.org/10.1016/j.jenvman.2012.03.017
4	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. <i>Nanoscale Research Letters</i> . Volumen: 7 Número de artículo: 667.	https://doi.org/10.1186/1556-276X-7-667
5	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 <i>Trichomonas vaginalis</i> . <i>Microbes And Infection</i> . Volumen: 14 Número: 15 Páginas: 1411-1427.	https://doi.org/10.1016/j.micinf.2012.09.004
6	2012	Escamilla Alvarado C, Rios Leal E, Ponce Noyola MT, Poggi Valardo HM. Gas biofuels from solid substrate hydrogenogenic-methanogenic fermentation of the organic fraction of municipal solid waste. <i>Process Biochemistry</i> . Volumen: 47 Número: 11 Páginas: 1572-1587.	https://doi.org/10.1016/j.procbio.2011.12.006
7	2012	Robles Gonzalez IV, Rios Leal E, Sastre Conde I, Fava F, Rinderknecht Seijas N, Poggi Valardo HM. Slurry bioreactors with simultaneous electron acceptors for bioremediation of an agricultural soil polluted with lindane. <i>Process Biochemistry</i> . Volumen: 47 Número: 11 Páginas: 1640-1648.	https://doi.org/10.1016/j.procbio.2011.10.013
8	2012	Paniagua Vega D, Cerda Garcia Rojas CM, Ponce Noyola MT, Ramos Valdivia AC. A New Monoterpenoid Oxindole Alkaloid from <i>Hamelia patens</i> Micropropagated Plantlets. <i>Natural Product Communications</i> . Volumen: 7 Número: 11 Páginas: 1441-1444.	https://pubmed.ncbi.nlm.nih.gov/23285803/
9	2012	Figueroa Angulo EE, Estrella Hernandez P, Salgado Lugo H, Ochoa Leyva A, Puyoy 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 <i>Trichomonas vaginalis</i> . <i>Parasitology</i> . Volumen: 139 Número: 13 Páginas: 1729-1738.	https://doi.org/10.1017/S003118201200114X
10	2012	Nava Arenas I, Ruiz Ordaz N, Galindez Mayer J, Ramos Monroy O, Juarez Ramirez C, Curiel Quesada E, Poggi Valardo HM. Acclimation of a microbial community to degrade a combination of organochlorine herbicides in a biofilm reactor. <i>Environmental Engineering And Management Journal</i> . Volumen: 11 Número: 10 Páginas: 1753-1761.	https://doi.org/10.30638/eemj.2012.218
11	2012	Varo Arguello WE, Camacho Perez B, Rios Leal E, Vazquez Landaverde PA, Ponce Noyola MT, Barrera Cortes J, Sastre Conde I, Rinderknecht Seijas NF, Poggi Valardo HM. Triphasic slurry bioreactors for the bioremediation of lindane-impacted soil under aerobic and anaerobic conditions. <i>Environmental Engineering And Management Journal</i> . 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
12	2012	Martinez Cruz K, Sepulveda Jauregui A, Escobar Orozco N, Thalasso F. Methanogenic activity tests by Infrared Tunable Diode Laser Absorption Spectroscopy. <i>Journal Of Microbiological Methods</i> . Volumen: 91 Número: 1 Páginas: 89-92.	https://doi.org/10.1016/j.mimet.2012.07.022
13	2012	Garcia Rios V, Rios Leal E, Robledo D, Freile Pelegrin Y. Polysaccharides composition from tropical brown seaweeds. <i>Phycological Research</i> . Volumen: 60 Número: 4 Páginas: 305-315.	https://doi.org/https://doi.org/10.1111/j.1440-1835.2012.00661.x
14	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. <i>Applied Soil Ecology</i> . Volumen: 61 Número especial: SI Páginas: 113-126.	https://doi.org/10.1016/j.apsoil.2012.04.005
15	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 (<i>Triticum spp. L.</i>) as affected by different application rates of charcoal. <i>Soil Biology & Biochemistry</i> . Volumen: 52 Páginas: 90-95.	https://doi.org/10.1016/j.soilbio.2012.04.022
16	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. <i>Biotechnology And Bioprocess Engineering</i> . Volumen: 17 Número: 4 Páginas: 703-710.	https://doi.org/10.1007/s12257-011-0663-9
17	2012	Espinosa Calderon A, Torres Pacheco I, Padilla Medina JA, Chavaro Ortiz RM, Xocoostle Cazares BG, Gomez Silva L, Ruiz Medrano R, Guevara Gonzalez RG. Relationship between leaf temperature and photosynthetic carbon in <i>Capsicum annuum L.</i> in controlled climates. <i>Journal Of Scientific & Industrial Research</i> . 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
18	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. <i>Science Of The Total Environment</i> . Volumen: 431 Páginas: 237-244.	https://doi.org/10.1016/j.scitotenv.2012.05.029
19	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. <i>Nanoscale Research Letters</i> . Volumen: 7 Número de artículo: 423.	https://doi.org/10.1186/1556-276X-7-423
20	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. <i>Journal Of Chromatography A</i> . Volumen: 1248 Páginas: 122-129.	https://doi.org/10.1016/j.chroma.2012.05.086
21	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. <i>Limnology And Oceanography-Methods</i> . Volumen: 10 Páginas: 560-567.	https://doi.org/10.4319/lom.2012.10.560
22	2012	Pena Caballero V, Lopez Perez PA, Neria Gonzalez MI, Aguilar Lopez R. A class of nonlinear adaptive controller for a continuous anaerobic bioreactor. <i>Journal Of Scientific & Industrial Research</i> . Volumen: 71 Número: 7 Páginas: 480-486.	https://www.researchgate.net/publication/265594985_A_class_of_nonlinear_adaptive_controller_for_continuous_anaerobic_bioreactor
23	2012	Sathish Kumar K, Solorza Feria O, Vazquez Huerta G, Luna Arias JP, Poggi Valardo HM. Electrical Stress-directed Evolution of biocatalysts Community Sampled from a Sodic-saline Soil for Microbial Fuel Cells. <i>Journal Of New Materials For Electrochemical Systems</i> . Volumen: 15 Número: 3 Páginas: 181-186.	https://doi.org/10.14447/jnmes.v15i3.63
24	2012	Ortega Martinez A, Juarez Lopez K, Solorza Feria O, Ponce Noyola MT, Rios Leal E, Rinderknecht Seijas NF, Poggi Valardo HM. Parallel Connection and Sandwich Electrodes Lower the Internal Resistance in a Microbial Fuel Cell. <i>Journal Of New Materials For Electrochemical Systems</i> . Volumen: 15 Número: 3 Páginas: 187-194.	https://doi.org/10.14447/jnmes.v15i3.64
25	2012	Sathish Kumar K, Solorza Feria O, Hernandez Vera R, Vazquez Huerta G, Poggi Valardo HM. Comparison of Various Techniques to Characterize a Single Chamber Microbial Fuel Cell Loaded with Sulfate Reducing Biocatalysts. <i>Journal Of New Materials For Electrochemical Systems</i> . 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
26	2012	Aguilar Lopez R, Guerra RM, Machuca JLM. Temperature Control of Continuous Chemical Reactors Under Noisy Measurements and Model Uncertainties. <i>Journal Of Applied Research And Technology</i> . Volumen: 10 Número: 3 Páginas: 428-446.	https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-64232012000300012
27	2012	Sathish Kumar K, Vazquez Huerta G, Rodriguez Castellanos A, Poggi Valardo HM, Solorza Feria O. Microwave Assisted Synthesis and Characterizations of Decorated Activated Carbon. <i>International Journal Of Electrochemical Science</i> . Volumen: 7 Número: 6 Páginas: 5484-5494.	https://doi.org/10.1016/S1452-3981(23)19636-2
28	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. <i>Plant And Soil</i> . Volumen: 355 Número: 1-2 Páginas: 183-197.	https://doi.org/10.1007/s11104-011-1092-4
29	2012	Martinez Reyes M, Perez Moreno J, Villarreal Ruiz L, Ferrero Cerrato R, Xocoostle Cazares BG, Vargas Hernandez JJ, Honrubia Garcia M. Growth and nutrient contents of <i>Pinus greggii</i> Engelm. inoculated with the edible ectomycorrhizal mushroom <i>Hebeloma mesophaeum</i> (Pers.) Quel.. <i>Revista Chapingo Serie Ciencias Forestales Y Del Ambiente</i> . 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
30	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. <i>Agriculture Ecosystems & Environment</i> . Volumen: 152 Páginas: 50-58.	https://doi.org/10.1016/j.agee.2012.02.010
31	2012	Andrade GIP, Duhalit RV, Rodriguez Vázquez R, Ramirez IEM, Alvarez JAL, Rincon JJ. Scanning electronic microscopy evidence of phenol-formaldehyde resins in biodegradation with ligninolytic fungi. <i>Revista Internacional De Contaminacion Ambiental</i> . Volumen: 28 Número: 2 Páginas: 159-166.	https://www.researchgate.net/publication/288425701_SCANNING_ELECTRONIC_MICROSCOPY_EVIDENCE_OF_PHENOL-FORMALDEHYDE_RESINS_IN_BIODEGRADATION_WITH_LIGNINOLYTIC_FUNGI

No.	AÑO	AUTORES	LINK
32	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
33	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
34	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
35	2012	Gayosso Canales M, Rodriguez 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
36	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
37	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
38	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
39	2012	Robles Gonzalez V, Galindez Mayer J, Rinderknecht Seijas N, Poggi Varaldo HM. Treatment of mezcil 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
40	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
41	2012	Lopez Luna J, Gonzalez Chavez MC, Esparza Garcia FJ, Rodriguez 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
42	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
43	2012	Barajas Aceves M, Camarillo Ravelo D, Juarez Sanchez F, Rodriguez 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_Bokashi
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	2012	Pavon Orozco P, Santiago Hernandez A, Rosengren A, Hidalgo Lara ME, Stalbrand H. The family II carbohydrate-binding module of xylanase CtlXyn11A 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
55	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
56	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
57	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