

No.	AÑO	AUTORES	LINK
1	2014	Toscano Morales R, Xcoconostle Cazares BG, Martinez Navarro AC, Ruiz Medrano R. Long distance movement of an Arabidopsis Translational Y Controlled Tumor Protein (AtTCTP2) mRNA and protein in tobacco. <i>Frontiers In Plant Science</i> . Volumen: 5 Número de artículo: 705.	https://doi.org/10.3389/fpls.2014.00705
2	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. <i>Pedosphere</i> . Volumen: 24 Número: 6 Páginas: 783-790.	https://doi.org/10.1016/S1002-0160(14)60065-5
3	2014	Navarro Mtz AK, Pérez Guevara F. Construction of a biodynamic model for Cry protein production studies. <i>Amb Express</i> . Volumen: 4 Número de artículo: 79.	https://doi.org/10.1186/s13568-014-0079-y
4	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. <i>Revista Internacional De Contaminacion Ambiental</i> . 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
5	2014	Gone AML, Giron JDT, Montejo FEJ, Hidalgo Lara ME, Lopez VELY. Behavior of Transition State Regulator AbrB in Batch Cultures of <i>Bacillus thuringiensis</i> . <i>Current Microbiology</i> . Volumen: 69 Número: 5 Páginas: 725-732.	https://doi.org/10.1007/s00284-014-0650-4
6	2014	Esquivel Rios I, Gonzalez I, Thalasso F. Microrespirometric characterization of activated sludge inhibition by copper and zinc. <i>Biodegradation</i> . Volumen: 25 Número: 6 Páginas: 867-879.	https://doi.org/10.1007/s10532-014-9706-1
7	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. <i>Communications In Soil Science And Plant Analysis</i> . Volumen: 45 Número: 19 Páginas: 2529-2538.	https://doi.org/10.1080/00103624.2014.932375
8	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. <i>Environmental Science & Technology</i> . Volumen: 48 Número: 19 Páginas: 11421-11428.	https://doi.org/10.1021/es500987j
9	2014	Escamilla Alvarado C, Ponce Noyola MT, Poggi Valardo HM, Rios Leal E, Garcia Mena J, Rinderknecht Seijas N. Energy analysis of in-series biohydrogen and methane production from organic wastes. <i>International Journal Of Hydrogen Energy</i> . Volumen: 39 Número: 29 Páginas: 16587-16594.	https://doi.org/10.1016/j.ijhydene.2014.06.077
10	2014	Vazquez Larios AL, Solorza Faria O, Poggi Valardo 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. <i>International Journal Of Hydrogen Energy</i> . Volumen: 39 Número: 29 Páginas: 16667-16675.	https://doi.org/10.1016/j.ijhydene.2014.05.178
11	2014	Hernandez Zamora M, Perales Vela HV, Flores Ortiz CM, Canizares Villanueva RO. Physiological and biochemical responses of <i>Chlorella vulgaris</i> to Congo red. <i>Ecotoxicology And Environmental Safety</i> . Volumen: 108 Páginas: 72-77.	https://doi.org/10.1016/j.ecoenv.2014.05.030
12	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. <i>Applied Soil Ecology</i> . Volumen: 82 Páginas: 1-10.	https://doi.org/10.1016/j.apsoil.2014.05.001
13	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. <i>Journal Of Biotechnology</i> . Volumen: 186 Páginas: 58-65.	https://doi.org/10.1016/j.jbiotec.2014.06.031
14	2014	Ordaz Cortes A, Thalasso F, Salgado Manjarrez E, Garibay Orjuel C. Treatment of wastewater containing high concentrations of terephthalic acid by <i>Comamonas</i> sp. and <i>Rhodococcus</i> sp.: kinetic and stoichiometric characterization. <i>Water And Environment Journal</i> . Volumen: 28 Número: 3 Páginas: 393-400.	https://doi.org/10.1111/wej.12048
15	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 <i>Trichomonas vaginalis</i> is associated with TvCP39. <i>International Journal Of Biochemistry & Cell Biology</i> . Volumen: 54 Páginas: 255-265.	https://doi.org/10.1016/j.biocel.2014.04.005
16	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 <i>Candida guilliermondii</i> Mplla. <i>Process Biochemistry</i> . Volumen: 49 Número: 9 Páginas: 1480-1487.	https://doi.org/10.1016/j.procbio.2014.05.022
17	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 (<i>Azadirachta indica</i> A. Juss. (L.)) and mata-raton (<i>Gliricidia sepium</i> (Jacquin)): A greenhouse experiment. <i>Journal Of Environmental Biology</i> . Volumen: 35 Número: 5 Páginas: 935-942.	https://pubmed.ncbi.nlm.nih.gov/25204070/
18	2014	Marron Montiel E, Ruiz Ordaz N, Galindez Mayer J, Gonzalez Cuna S, Tepole FS, Poggi Valardo HM. Biodegradation of the herbicide linuron in a plug-flow packed-bed biofilm channel equipped with top aeration modules. <i>Environmental Engineering And Management Journal</i> . Volumen: 13 Número: 8 Páginas: 1939-1944.	https://doi.org/10.30638/eejm.2014.214
19	2014	Gutierrez Galeano DF, Toscano Morales R, Calderon Perez B, Xcoconostle Cazares BG, Ruiz Medrano R. Structural divergence of plant TCTPs. <i>Frontiers In Plant Science</i> . Volumen: 5 Número de artículo: 361.	https://doi.org/10.3389/fpls.2014.00361
20	2014	Cruz Jaramillo JL, Ruiz Medrano R, Rojas Morales L, Lopez Buenfil JA, Morales Galvan O, Chavarin Palacio C, Ramirez Pool JA, Xcoconostle Cazares BG. Characterization of a Proposed Dichorhavirus Associated with the Citrus Leprosis Disease and Analysis of the Host Response. <i>Viruses-Basel</i> . Volumen: 6 Número: 7 Páginas: 2602-2622.	https://doi.org/10.3390/v6072602
21	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. <i>Extremophiles</i> . Volumen: 18 Número: 4 Páginas: 733-743.	https://doi.org/10.1007/s00792-014-0653-x
22	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 ppEHC-B9 from <i>Entamoeba histolytica</i> . <i>Biochimica Et Biophysica Acta-Proteins And Proteomics</i> . Volumen: 1844 Número: 7 Páginas: 1299-1306.	https://doi.org/10.1016/j.bbapap.2014.04.009
23	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. <i>Applied Soil Ecology</i> . Volumen: 79 Páginas: 10-25.	https://doi.org/10.1016/j.apsoil.2014.02.010
24	2014	Aguilar Lopez R, Martinez Guerra R, Perez Pinacho CA. Nonlinear observer for synchronization of chaotic systems with application to secure data transmission. <i>European Physical Journal-Special Topics</i> . Volumen: 223 Número: 8 Páginas: 1541-1548.	https://doi.org/10.1140/epjst/e2014-02116-0
25	2014	Serrano Silva N, Sarria Guzman Y, Dendooven L, Luna Guido M. Methanogenesis and Methanotrophy in Soil: A Review. <i>Pedosphere</i> . Volumen: 24 Número: 3 Páginas: 291-307.	https://doi.org/10.1016/S1002-0160(14)60016-3
26	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 <i>Xanthophyllomyces dendrorhous</i> (Phaffia rhodozyma). <i>Archives Of Microbiology</i> . Volumen: 196 Número: 6 Páginas: 411-421.	https://doi.org/10.1007/s00203-014-0979-x
27	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. <i>Soil Biology & Biochemistry</i> . Volumen: 73 Páginas: 122-129.	https://doi.org/10.1016/j.soilbio.2014.02.012
28	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 (<i>Opuntia albicarpa</i> Scheinvar 'Reyna'): Chemical and rheological properties. <i>Food Hydrocolloids</i> . Volumen: 37 Páginas: 93-99.	https://doi.org/10.1016/j.foodhyd.2013.10.018
29	2014	Cupul WC, Abarca GH, Carrera DM, Rodríguez Vázquez R. Enhancement of ligninolytic enzyme activities in a <i>Trametes maxima</i> - <i>Paecilomyces carneus</i> co-culture: Key factors revealed after screening using a Plackett-Burman experimental design. <i>Electronic Journal Of Biotechnology</i> . Volumen: 17 Número: 3 Páginas: 114-121.	https://doi.org/10.1016/j.ejbt.2014.04.007
30	2014	Poggi Valardo 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. <i>Waste Management & Research</i> . Volumen: 32 Número: 5 Páginas: 353-365.	https://doi.org/10.1177/0734242X14529178
31	2014	Munoz Paez KM, Poggi Valardo 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. <i>Waste Management & Research</i> . Volumen: 32 Número: 5 Páginas: 434-440.	https://doi.org/10.1177/0734242X14527333
32	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. <i>Extremophiles</i> . Volumen: 18 Número: 3 Páginas: 561-571.	https://doi.org/10.1007/s00792-014-0641-1

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34	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 <i>Aeromonas</i> spp. Strains Isolated From Fresh Fish (<i>Cyprinus carpio</i> L.). <i>Current Microbiology</i> . Volumen: 68 Número: 5 Páginas: 581-586.	https://doi.org/10.1007/s00284-013-0511-6
35	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. <i>Revista Mexicana De Ingenieria Quimica</i> . Volumen: 13 Número: 1 Páginas: 83-91.	https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382014000100007
36	2014	Velazquez Sanchez HI, Montes Horcasitas MC, Aguilar Lopez R. Development of a phenomenological kinetic model for butanol production using <i>Clostridium beijerinckii</i> . <i>Revista Mexicana De Ingenieria Quimica</i> . Volumen: 13 Número: 1 Páginas: 103-112.	https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1665-27382014000100009
37	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 <i>Cupriavidus necator</i> . <i>World Journal Of Microbiology & Biotechnology</i> . Volumen: 30 Número: 4 Páginas: 1409-1416.	https://doi.org/10.1007/s11274-013-1563-2
38	2014	Hernandez Paniagua IV, Ramirez Vargas R, Ramos Gomez MS, Dendooven L, Avelar Gonzalez FJ, Thalasso F. Greenhouse gas emissions from stabilization ponds in subtropical climate. <i>Environmental Technology</i> . Volumen: 35 Número: 6 Páginas: 727-734.	https://doi.org/10.1080/09593330.2013.848910
39	2014	Muniasamy G, Pérez Guevara F. Use of SNAREs for the immobilization of poly-3-hydroxyalkanoate polymerase type II of <i>Pseudomonas putida</i> CA-3 in secretory vesicles of <i>Saccharomyces cerevisiae</i> ATCC 9763. <i>Journal Of Biotechnology</i> . Volumen: 172 Páginas: 77-79.	https://doi.org/10.1016/j.jbiotec.2013.12.008
40	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. <i>Biochemical Engineering Journal</i> . Volumen: 83 Páginas: 70-78.	https://doi.org/10.1016/j.bej.2013.12.006
41	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. <i>Geomicrobiology Journal</i> . Volumen: 31 Número: 2 Páginas: 152-160.	https://doi.org/10.1080/01490451.2013.820236
42	2014	Martinez Roldan AJ, Perales Vela HV, Canizares Villanueva RO, Torzillo G. Physiological response of <i>Nannochloropsis</i> sp to saline stress in laboratory batch cultures. <i>Journal Of Applied Phycology</i> . Volumen: 26 Número: 1 Páginas: 115-121.	https://doi.org/10.1007/s10811-013-0060-1
43	2014	Calderon Perez B, Xoonostle 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. <i>Plos One</i> . Volumen: 9 Número: 1 Número de artículo: e85514.	https://doi.org/10.1371/journal.pone.0085514
44	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, <i>Colletotrichum gloeosporioides</i> . <i>Compost Science & Utilization</i> . Volumen: 22 Número: 1 Páginas: 23-32.	https://doi.org/10.1080/1065657X.2013.870944
45	2014	Soto Padilla MY, Valenzuela Encinas C, Dendooven L, Marsch Moreno R, Gortares Moroyqui P, Estrada Alvarado MI. Isolation and phylogenetic identification of soil haloalkaliphilic strains in the former Texcoco Lake. <i>International Journal Of Environmental Health Research</i> . Volumen: 24 Número: 1 Páginas: 82-90.	https://doi.org/10.1080/09603123.2013.800957
46	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
47	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. <i>Journal Of Molecular Microbiology And Biotechnology</i> . Volumen: 24 Número: 2 Páginas: 105-113.	https://doi.org/10.1159/000357915
48	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 <i>Brassica oleracea</i> var. italica Grown in an Airlift with Mesh Bioreactor. <i>Biotechnology Progress</i> . Volumen: 30 Número: 1 Páginas: 161-171.	https://doi.org/10.1002/btpr.1829
49	2014	Aguilar Lopez R, Neria Gonzalez MI, Martinez Guerra R, Mata Machuca JL. Nonlinear estimation in a class of gene transcription process. <i>Applied Mathematics And Computation</i> . Volumen: 226 Páginas: 131-144.	https://doi.org/10.1016/j.amc.2013.10.012
50	2014	Aguilar Lopez R, Martinez Guerra R, Mata Machuca JL. Multisynchronization of Chaotic Oscillators via Nonlinear Observer Approach. <i>Scientific World Journal</i> . Número de artículo: 935163.	https://doi.org/10.1155/2014/935163
51	2014	Lopez Vera EE, Nelson S, Singh RP, Basnet BR, Haley SD, Bhavani S, Huerta Espino J, Xoonostle Cazares BG, Ruiz Medrano R, Rouse MN, Singh S. Resistance to stem rust Ug99 in six bread wheat cultivars maps to chromosome 6DS. <i>Theoretical And Applied Genetics</i> . Volumen: 127 Número: 1 Páginas: 231-239.	https://doi.org/10.1007/s00122-013-2212-8
52	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. <i>Applied Energy</i> . Volumen: 113 Número especial: SI Páginas: 277-286.	https://doi.org/10.1016/j.apenergy.2013.07.036
53	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. <i>Applied Soil Ecology</i> . Volumen: 73 Páginas: 19-25.	https://doi.org/10.1016/j.apsoil.2013.08.001
54	2014	Mendoza Aguayo DJ, Poggi Valardo HM, Garcia Mena J, Ramos Valdivia AC, Salgado LM, de la Torre Martinez M, Ponce Noyola MT. Extracellular expression of glucose inhibition-resistant <i>Cellulomonas flavigena</i> PN-120 beta-glucosidase by a diploid strain of <i>Saccharomyces cerevisiae</i> . <i>Archives Of Microbiology</i> . Volumen: 196 Número: 1 Páginas: 25-33.	https://doi.org/10.1007/s00203-013-0935-1
55	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 Cardozo CG. Structural and thermodynamic folding characterization of triosephosphate isomerases from <i>Trichomonas vaginalis</i> reveals the role of destabilizing mutations following gene duplication. <i>Proteins-Structure Function And Bioinformatics</i> . Volumen: 82 Número: 1 Páginas: 22-33.	https://doi.org/10.1002/prot.24333
56	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. <i>Hydrobiologia</i> . Volumen: 721 Número: 1 Páginas: 9-22.	https://doi.org/10.1007/s10750-013-1632-4