

No.	AÑO	AUTORES	LINK
1	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. <i>Peerj</i> . Volumen: 7 Número de artículo: e7897.	https://doi.org/10.7717/peerj.7897
2	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. <i>Virus Research</i> . Volumen: 272 Número de artículo: 197703.	https://doi.org/10.1016/j.virusres.2019.197703
3	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 <i>Uncaria tomentosa</i> root cultures is involved in defense response. <i>Biotechnology Letters</i> . Volumen: 41 Número: 10 Páginas: 1233-1244.	https://doi.org/10.1007/s10529-019-02714-1
4	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. <i>Aquatic Sciences</i> . Volumen: 81 Número: 4 Número de artículo: UNSP 58.	https://doi.org/10.1007/s00027-019-0652-1
5	2019	Hernandez Flores G, Andrio A, Compan V, Solorza Fera O, Poggi Valardo HM. Synthesis and characterization of organic agar-based membranes for microbial fuel cells. <i>Journal Of Power Sources</i> . Volumen: 435 Número de artículo: 226772.	https://doi.org/10.1016/j.jpowsour.2019.226772
6	2019	Soto Robles LV, Torres Banda V, Rivera Orduna FN, Curiel Quesada E, Hidalgo Lara ME, Zuniga G. An Overview of Genes From <i>Cyberlindnera americana</i> , a Symbiotic Yeast Isolated From the Gut of the Bark Beetle <i>Dendroctonus rhizophagus</i> (Curculionidae: Scolytinae), Involved in the Detoxification Process Using Genome and Transcriptome Data. <i>Frontiers In Microbiology</i> . Volumen: 10 Número de artículo: 2180.	https://doi.org/10.3389/fmicb.2019.02180
7	2019	Estrada Vazquez C, Salinas Pacheco A, Peralta Reyes E, Poggi Valardo HM, Regalado Mendez A. Parametric optimization of domestic wastewater treatment in an activated sludge sequencing batch reactor using response surface methodology. <i>Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering</i> . Volumen: 54 Número: 12 Páginas: 1197-1205.	https://doi.org/10.1080/10934529.2019.1631087
8	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 <i>Thielavia terrestris</i> Co3Bag1. <i>Electronic Journal Of Biotechnology</i> . Volumen: 41 Páginas: 60-71.	https://doi.org/10.1016/j.ejbt.2019.07.001
9	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). <i>Peerj</i> . Volumen: 7 Número de artículo: e7152.	https://doi.org/10.7717/peerj.7152
10	2019	Kutalram Muniasamy G, Pérez Guevara F. Comparative genome analysis of completely sequenced <i>Cupriavidus</i> genomes provides insights into the biosynthetic potential and versatile applications of <i>Cupriavidus alkaliphilus</i> ASC-732. <i>Canadian Journal Of Microbiology</i> . Volumen: 65 Número: 8 Páginas: 575-595.	https://doi.org/10.1139/cjm-2019-0027
11	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. <i>Food Science And Biotechnology</i> . Volumen: 28 Número: 4 Páginas: 975-982.	https://doi.org/10.1007/s10068-019-00563-2
12	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. <i>Toxicology And Applied Pharmacology</i> . Volumen: 376 Páginas: 38-45.	https://doi.org/10.1016/j.taap.2019.05.016
13	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. <i>Peerj</i> . Volumen: 7 Número de artículo: e6939.	https://doi.org/10.7717/peerj.6939
14	2019	Velazquez Sanchez HI, Aguilar Lopez R. Multi-Objective Optimization of an ABE Fermentation System for Butanol Production as Biofuel. <i>International Journal Of Chemical Reactor Engineering</i> . Volumen: 17 Número: 7 Número de artículo: 20180214.	https://doi.org/10.1515/ijcre-2018-0214
15	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 <i>Trichomonas vaginalis</i> Induced by Rapamycin-treatment and Iron or Glucose Starvation Conditions. <i>Journal Of Eukaryotic Microbiology</i> . Volumen: 66 Número: 4 Páginas: 654-669.	https://doi.org/10.1111/jeu.12712
16	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. <i>Peerj</i> . Volumen: 7 Número de artículo: e6127.	https://doi.org/10.7717/peerj.6127
17	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. <i>Biochemical Engineering Journal</i> . Volumen: 146 Páginas: 194-202.	https://doi.org/10.1016/j.bej.2019.03.024
18	2019	Ortega Ortega J, Ramirez Ortega FA, Ruiz Medrano R, Xoconostle Cazares BG. Analysis of Genome Size of Sixteen <i>Coffea arabica</i> Cultivars Using Flow Cytometry. <i>Hortscience</i> . Volumen: 54 Número: 6 Páginas: 998-+.	https://doi.org/10.21273/HORTSCI13916-19
19	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. <i>Science Of The Total Environment</i> . Volumen: 666 Páginas: 1255-1264.	https://doi.org/10.1016/j.scitotenv.2019.02.163
20	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. <i>Environmental Science & Technology</i> . Volumen: 53 Número: 9 Páginas: 5159-5167.	https://doi.org/10.1021/acs.est.9b00425
21	2019	Lira Perez J, Hidalgo Lara ME, Melendez Estrada J, Gonzalez de Jesus BJ, Rodriguez Vázquez R. The contribution of h2o2 produced by <i>aspergillus niger</i> in vat blue dye discoloration: enhancement by a statistical optimization methodology. <i>Revista Mexicana De Ingenieria Quimica</i> . Volumen: 18 Número: 2 Páginas: 701-714.	https://doi.org/10.24275/uam/izt/dcibi/revmexingquim/2019v18n2/Lira
22	2019	Tec Caamal EN, Rodriguez Vázquez R, Aguilar Lopez R. Kinetic analysis of arsenic and iron oxidation by <i>Acidithiobacillus ferrooxidans</i> for biogenic scorodite formation. <i>Chemical Papers</i> . Volumen: 73 Número: 4 Páginas: 811-820.	https://doi.org/10.1007/s11696-018-0653-x
23	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 <i>Plasmodium falciparum</i> . <i>Embo Reports</i> . Volumen: 20 Número: 4 Número de artículo: e46331.	https://doi.org/10.15252/embr.201846331
24	2019	Reyes Reyes M, Salazar Montoya JA, Rodriguez Paez LI, Ramos Ramirez EG. In vitro fermentation of oligosaccharides obtained from enzymatic hydrolysis of <i>Opuntia streptacantha</i> mucilage. <i>Journal Of The Science Of Food And Agriculture</i> . Volumen: 99 Número: 6 Páginas: 2883-2891.	https://doi.org/10.1002/jsfa.9501
25	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. <i>Science Of The Total Environment</i> . Volumen: 650 Páginas: 2674-2684.	https://doi.org/10.1016/j.scitotenv.2018.09.388
26	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. <i>Science Of The Total Environment</i> . Volumen: 650 Páginas: 3134-3144.	https://doi.org/10.1016/j.scitotenv.2018.10.031
27	2019	Rincon Molina CI, Hernandez Garcia JA, Rincon Rosales R, Gutierrez Miceli FA, Ramirez Villanueva DA, Gonzalez Terreros E, Pena Ocaña 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. <i>Geomicrobiology Journal</i> . Volumen: 36 Número: 2 Páginas: 97-109.	https://doi.org/10.1080/01490451.2018.1509158
28	2019	Moha Leon JD, Perez Legaspi IA, Ortega Clemente LA, Rubio Franchini I, Rios Leal E. Improving the lipid content of <i>Nannochloropsis oculata</i> by a mutation-selection program using UV radiation and quinalofop. <i>Journal Of Applied Phycology</i> . Volumen: 31 Número: 1 Páginas: 191-199.	https://doi.org/10.1007/s10811-018-1568-1
29	2019	Martinez Soto D, Velez Haro JM, Leon Ramirez CG, Ruiz Medrano R, Xoconostle Cazares BG, Ruiz Herrera J. The cereal phytopathogen <i>Sporisorium reilianum</i> is able to infect the non-natural host <i>Arabidopsis thaliana</i> . <i>European Journal Of Plant Pathology</i> . Volumen: 153 Número: 2 Páginas: 417-427.	https://doi.org/10.1007/s10658-018-1567-8
30	2019	Mancera Lopez ME, Izquierdo Estevez WF, Escalante Sanchez A, Ibarra JE, Barrera Cortes J. Encapsulation of <i>Trichoderma harzianum</i> conidia as a method of conidia preservation at room temperature and propagation in submerged culture. <i>Biocontrol Science And Technology</i> . Volumen: 29 Número: 2 Páginas: 107-130.	https://doi.org/10.1080/09583157.2018.1535053

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31	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 immunotherapeutic 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
32	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
33	2019	Figuerola 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
34	2019	Hernandez Castillo MI, Hernandez Navarrete A, Jimenez Montejó 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
35	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. TFIIB 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
36	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
37	2019	Ramirez Lopez C, Esparza Garcia FI, 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
38	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
39	2019	García 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
40	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
41	2019	Grajales Lagunes A, Cabrera Ruiz L, Gutierrez Miceli F, Ruiz Cabrera MA, Dendooven L, Abud Archila M. Anthocyanins from blackberry (Rubus fruticosus 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
42	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