

No.	AÑO	AUTORES	LINK
1	2018	Agrega Laguna KA, Cabrera Ponce JL, Ruiz Medrano R, Garzon Tiznado JA, Xoonostle Cazares BG. Trehalose accumulation provides drought tolerance to genetically-modified maize in open field trials. <i>Pakistan Journal Of Agricultural Sciences</i> . Volumen: 55 Número: 4 Páginas: 1009-1020.	https://doi.org/10.21162/PAKJAS/18.6901
2	2018	Moreno Cruz CF, Lara VH, Thalasso F, Monroy O, Ramirez Vives F. Influence of sodium hypochlorite on the anaerobic treatment of brown water. <i>Revista Mexicana De Ingenieria Quimica</i> . Volumen: 17 Número: 3 Páginas: 999-1009.	https://doi.org/10.24275/uam/izt/dcbl/revmexingquim/2018v17n3/Morenoreno
3	2018	Aguilar Lopez R, Mata Machuca JL, Martinez-Guerra R, Perez Pinacho CA. Synchronization of Multiple Mechanical Oscillators Under Noisy Measurements Signals and Mismatch Parameters. <i>International Journal Of Nonlinear Sciences And Numerical Simulation</i> . Volumen: 19 Número: 7-8 Páginas: 699-707.	https://doi.org/10.1515/ijnsns-2017-0096
4	2018	Moreno Espindola IP, Ferrara Guerrero MJ, Luna Guido ML, Ramirez Villanueva DA, de Leon Lorenzana AS, Gomez Acata S, Gonzalez Terreros E, Ramirez-Barajas B, Navarro Noya YE, Sanchez Rodriguez LM, Fuentes Ponce M, Macedas Jimenez JU, Dendooven L. The Bacterial Community Structure and Microbial Activity in a Traditional Organic Milpa Farming System Under Different Soil Moisture Conditions. <i>Frontiers In Microbiology</i> . Volumen: 9 Número de artículo: 2737.	https://doi.org/10.3389/fmicb.2018.02737
5	2018	Guerra Lupian MA, Ruiz Medrano R, Ramirez Pool JA, Ramirez Ortega FA, Lopez Buenfil JA, Loeza Kuk E, Morales Galvan O, Chavarin Palacio C, Hinojosa Moya J, Xoonostle Cazares BG. Localized expression of antimicrobial proteins mitigates huanglongbing symptoms in Mexican lime. <i>Journal Of Biotechnology</i> . Volumen: 285 Páginas: 74-83.	https://doi.org/10.1016/j.jbiotec.2018.08.012
6	2018	Robles Gonzalez V, Poggi Valardo HM, Galindez Mayer J, Ruiz Ordaz N. Combined Treatment of Mezcal Vinasses by Ozonation and Activated Sludge. <i>Water Environment Research</i> . Volumen: 90 Número: 11 Páginas: 1985-1996.	https://doi.org/10.2175/106143017X15054988926433
7	2018	Sanchez Lizarraga AL, Arenas Montano V, Marino Marmolejo EN, Dendooven L, Velazquez Fernandez JB, Davila Vazquez G, Rodriguez Campos J, Hernandez Cuevas L, Contreras Ramos SM. Vinasse irrigation: effects on soil fertility and arbuscular mycorrhizal fungi population. <i>Journal Of Soils And Sediments</i> . Volumen: 18 Número: 11 Páginas: 3256-3270.	https://doi.org/10.1007/s11368-018-1996-1
8	2018	Martinez Cruz K, Sepulveda Jauregui A, Casper P, Anthony KW, Smemo KA, Thalasso F. Ubiquitous and significant anaerobic oxidation of methane in freshwater lake sediments. <i>Water Research</i> . Volumen: 144 Páginas: 332-340.	https://doi.org/10.1016/j.watres.2018.07.053
9	2018	Murugesan S, Reyes Mata MP, Nirmalkar K, Chavez Carbajal A, Juarez Hernandez JJ, Torres Gomez RE, Pina Escobedo A, Maya O, Hoyo Vadillo C, Ramos Ramirez EG, Salazar Montoya JA, Garcia Mena J. Profiling of bacterial and fungal communities of Mexican cheeses by high throughput DNA sequencing. <i>Food Research International</i> . Volumen: 113 Páginas: 371-381.	https://doi.org/10.1016/j.foodres.2018.07.023
10	2018	Escalante Sanchez A, Barrera Cortes J, Poggi Valardo HM, Ponce Noyola MT, Baruch IS. A soft sensor based on online biomass measurements for the glucose estimation and control of fed-batch cultures of <i>Bacillus thuringiensis</i> . <i>Bioprocess And Biosystems Engineering</i> . Volumen: 41 Número: 10 Páginas: 1471-1484.	https://doi.org/10.1007/s00449-018-1975-3
11	2018	Grijalva Hernandez F, Caballero VP, Lopez Perez PA, Aguilar Lopez R. Estimation of plasmid concentration in batch culture of <i>Escherichia coli</i> DH5 alpha via simple state observer. <i>Chemical Papers</i> . Volumen: 72 Número: 10 Páginas: 2589-2598.	https://doi.org/10.1007/s11696-018-0478-7
12	2018	Sepulveda Jauregui A, Hoyos Santillan J, Martinez Cruz K, Anthony KMW, Casper P, Belmonte Izquierdo Y, Thalasso F. Eutrophication exacerbates the impact of climate warming on lake methane emission. <i>Science Of The Total Environment</i> . Volumen: 636 Páginas: 411-419.	https://doi.org/10.1016/j.scitotenv.2018.04.283
13	2018	Aguilar Lopez R, Mata Machuca JL. On the observability and state estimation in a class of gene-expression system. <i>Dynamic Systems And Applications</i> . Volumen: 27 Número: 3 Páginas: 531-544.	https://doi.org/10.12732/dsa.v27i3.5
14	2018	Sanchez Rodriguez DB, Ortega Lopez J, Cardenas Guerra RE, Resendiz Cardiel G, Chavez Munguia B, Lagunes Guillen A, Arroyo R. Characterization of a novel endogenous cysteine proteinase inhibitor, trichocystatin-3 (TC-3), localized on the surface of <i>Trichomonas vaginalis</i> . <i>International Journal Of Biochemistry & Cell Biology</i> . Volumen: 102 Páginas: 87-100.	https://doi.org/10.1016/j.biocel.2018.07.005
15	2018	Enciso Saenz S, Borrás Enriquez AJ, Ventura Canseco LMC, Gutierrez Miceli E, Dendooven L, Grajales Lagunes A, Ruiz Cabrera MA, Ruiz Valdívio V, Archila MA. Lemongrass (<i>Cymbopogon citratus</i> (dc) stapf) essential oil encapsulation by freeze-drying. <i>Revista Mexicana De Ingenieria Quimica</i> . Volumen: 17 Número: 2 Páginas: 407-420.	https://doi.org/10.24275/uam/izt/dcbl/revmexingquim/2018v17n2/Enciso
16	2018	Kutralam Muniasamy G, Marsch Moreno R, Pérez Guevara F. Investigation on the Evolutionary Relation of Diverse Polyhydroxyalkanoate Gene Clusters in Betaproteobacteria. <i>Journal Of Molecular Evolution</i> . Volumen: 86 Número: 7 Páginas: 470-483.	https://doi.org/10.1007/s00239-018-9859-3
17	2018	Guevara Luna J, Alvarez Fitz P, Rios Leal E, Acevedo Quiroz M, Encarnacion Guevara S, Moreno Godínez ME, Castellanos Escamilla M, Toribio Jimenez J, Romero Ramirez Y. Biotransformation of benzo[a]pyrene by the thermophilic bacterium <i>Bacillus licheniformis</i> M2-7. <i>World Journal Of Microbiology & Biotechnology</i> . Volumen: 34 Número: 7 Número de artículo: 88.	https://doi.org/10.1007/s11274-018-2469-9
18	2018	Hernandez Martinez GR, Ortiz Alvarez D, Perez Roa M, Urbina Suarez NA, Thalasso F. Multiparameter analysis of activated sludge inhibition by nickel, cadmium, and cobalt. <i>Journal Of Hazardous Materials</i> . Volumen: 351 Páginas: 63-70.	https://doi.org/10.1016/j.jhazmat.2018.02.032
19	2018	Cardenas Guerra RE, Martinez Castillo M, Ortega Lopez J, Shibayama M, Arroyo R. Dataset of cathepsin L-like CP inhibition of <i>Naegleria fowleri</i> and <i>Acanthamoeba castellanii</i> by ppTVP4r from <i>Trichomonas vaginalis</i> . <i>Data In Brief</i> . Volumen: 18 Páginas: 404-408.	https://doi.org/10.1016/j.dib.2018.03.029
20	2018	Kutralam Muniasamy G, Pérez Guevara F. Genome characteristics dictate poly-R-(3)-hydroxyalkanoate production in <i>Cupriavidus necator</i> H16. <i>World Journal Of Microbiology & Biotechnology</i> . Volumen: 34 Número: 6 Número de artículo: 79.	https://doi.org/10.1007/s11274-018-2460-5
21	2018	Ramirez DFG, Rodríguez Vázquez R, Perez PA, Bustillos LGT, Aguilar Lopez R, Montes Horcasitas MC, Esparza Garcia FJ. Crude Enzymatic Extract from <i>Trametes maxima</i> and <i>Paeclomyces carneus</i> Mixed Culture Entrapped on Alginate for Phenanthrene Removal in Water. <i>Environmental Engineering Science</i> . Volumen: 35 Número: 10 Páginas: 1126-1135.	https://doi.org/10.1089/ees.2018.0064
22	2018	de Leon Lorenzana AS, Delgado Balbuena L, Domínguez Mendoza CA, Navarro Noya YE, Luna Guido M, Dendooven L. Soil Salinity Controls Relative Abundance of Specific Bacteria Groups Involved in the Decomposition of Maize Plant Residues. <i>Frontiers In Ecology And Evolution</i> . Volumen: 6 Número de artículo: 51.	https://doi.org/10.3389/fevo.2018.00051
23	2018	Hernandez Martinez GR, Zepeda A, Ordaz A, Sanchez Catzin LA, Estrada Diaz ZD, Thalasso F. High-throughput microrespirometric characterization of activated sludge inhibition by silver nanoparticles. <i>Environmental Science-Water Research & Technology</i> . Volumen: 4 Número: 5 Páginas: 721-730.	https://doi.org/10.1039/c7ew00563f
24	2018	Martinez Cardenas A, Chavez Cabrera C, Vasquez Bahena JM, Flores Cotera LB. A common mechanism explains the induction of aerobic fermentation and adaptive antioxidant response in <i>Phaffia rhodozyma</i> . <i>Microbial Cell Factories</i> . Volumen: 17 Número de artículo: 53.	https://doi.org/10.1186/s12934-018-0898-7
25	2018	Lopez Gutierrez A, Perez Moreno J, Hernandez Santiago F, Uscanga Mortera E, Garcia Esteve A, Cetina Alcalá VM, Cardoso Villanueva MD, Xoonostle Cazares BG. Nutrient mobilization, growth and field survival of <i>Pinus gringlei</i> inoculated with three ectomycorrhizal mushrooms. <i>Botanical Sciences</i> . Volumen: 96 Número: 2 Páginas: 286-304.	https://doi.org/10.17129/bois.1239
26	2018	Velazquez Sanchez HI, Aguilar Lopez R. Novel kinetic model for the simulation analysis of the butanol productivity of <i>Clostridium acetobutylicum</i> ATCC 824 under different reactor configurations. <i>Chinese Journal Of Chemical Engineering</i> . Volumen: 26 Número: 4 Páginas: 812-821.	https://doi.org/10.1016/j.cjche.2017.07.018
27	2018	Mantilla Olea MI, Ortega Lopez J, Figueroa Angulo EE, Avila Gonzalez L, Cardenas Guerra RE, Miranda Ozuna JFT, Gonzalez Robles A, Hernandez Garcia MS, Sanchez Ayala L, Arroyo R. <i>Trichomonas vaginalis</i> cathepsin D-like aspartic proteinase (Tv-CatD) is positively regulated by glucose and degrades human hemoglobin. <i>International Journal Of Biochemistry & Cell Biology</i> . Volumen: 97 Páginas: 1-15.	https://doi.org/10.1016/j.biocel.2018.01.015
28	2018	Salazar Montoya JA, Gonzalez Cuello R, Flores Giron E, Ramos Ramirez EG. Effect of free and microencapsulated <i>Lactococcus lactis</i> on composition and rheological properties of Manchego-type cheeses during ripening. <i>Food Research International</i> . Volumen: 105 Páginas: 59-64.	https://doi.org/10.1016/j.foodres.2017.10.067
29	2018	Valdes J, Kutralam Muniasamy G, Vergara Porras B, Marsch Moreno R, Pérez Guevara F, Lopez Cuellar MR. Heterologous expression of phaC2 gene and poly-3-hydroxyalkanoate production by recombinant <i>Cupriavidus necator</i> strains using canola oil as carbon source. <i>New Biotechnology</i> . Volumen: 40 Páginas: 200-206.	https://doi.org/10.1016/j.nbt.2017.08.001
30	2018	Mata Machuca JL, Aguilar Lopez R. Adaptive synchronization in multi-output fractional-order complex dynamical networks and secure communications. <i>European Physical Journal</i> . Volumen: 133 Número: 1 Número de artículo: 14.	https://doi.org/10.1140/epjp/s12239-018-11840-4
31	2018	Gomez Acata S, Vital Jacome M, Perez Sandoval MV, Navarro Noya YE, Thalasso F, Luna Guido M, Conde Barajas E, Dendooven L. Microbial community structure in aerobic and fluffy granules formed in a sequencing batch reactor supplied with 4-chlorophenol at different settling times. <i>Journal Of Hazardous Materials</i> . Volumen: 342 Páginas: 606-616.	https://doi.org/10.1016/j.jhazmat.2017.08.073
32	2018	Aguilar Lopez R. Chaos Suppression via Euler-Lagrange Control Design for a Class of Chemical Reacting System. <i>Mathematical Problems In Engineering</i> . Número de artículo: 3802801.	https://doi.org/10.1155/2018/3802801

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33	2018	Gonzalez Jimenez FE, Salazar Montoya JA, Calva Calva G, Ramos Ramirez EG. Phytochemical Characterization, In Vitro Antioxidant Activity, and Quantitative Analysis by Micellar Electrokinetic Chromatography of Hawthorn (<i>Crataegus pubescens</i>) Fruit. Journal Of Food Quality. Número de artículo: 2154893.	https://doi.org/10.1155/2018/2154893
34	2018	Gonzalez Bourguet BJ, Ruiz Valdiviezo VM, Hernandez Guzman M, Delgado Balbuena L, Luna Guido M, Dendooven L. Removal of toluene from two contrasting soils, an agricultural soil and an alkaline soil. Revista Internacional De Contaminacion Ambiental. Volumen: 34 Número: 3 Páginas: 417-425.	https://doi.org/10.20937/RICA.2018.34.03.05
35	2018	Gonzalez Terreros E, Ruiz Valdiviezo VM, Galvan Velazquez A, Franco Hernandez MO, Luna Guido M, Dendooven L. Heavy Metals in Mine-Tailing Soil Mixtures Cultivated with <i>Ricinus communis</i> L.. Polish Journal Of Environmental Studies. Volumen: 27 Número: 5 Páginas: 2007-2022.	https://doi.org/10.15244/pjoes/78923
36	2018	Villanueva Lizama LE, Cruz Chan JV, Aguilar Cetina AD, Herrera Sanchez LF, Rodriguez Perez JM, Rosado Vallado ME, Ramirez Sierra MJ, Ortega Lopez J, Jones K, Hotez P, Bottazzi ME, Dumontel E. Trypanosoma cruzi vaccine candidate antigens Tc24 and TSA-1 recall memory immune response associated with HLA-A and -B supertypes in Chagasic chronic patients from Mexico. Plos Neglected Tropical Diseases. Volumen: 12 Número: 1 Número de artículo: e0006240.	https://doi.org/10.1371/journal.pntd.0006240
37	2018	Padilla Zamudio A, Lucero Acuna JA, Guerrero German P, Ortega Lopez J, Tejeda Mansir A. Efficient Disruption of <i>Escherichia coli</i> for Plasmid DNA Recovery in a Bead Mill. Applied Sciences-Basel. Volumen: 8 Número: 1 Número de artículo: 30.	https://doi.org/10.3390/app8010030