

No.	AÑO	AUTORES	LINK
1	2021	Perez Hernandez Valentin, Hernández Guzmán M, Valenzuela Encinas C, Alcántara Hernández R, Estrada Alvarado I, Dendooven L, Marsch Moreno R, Gutiérrez Miceli F, Ruiz Valdiviezo VM, Montes Molina JA. Metodo mejorado para la extracción de ADN microbiano de suelo alcalino-salino. Terra Latinoamericana. Volumen: 39 ISSN: 2395-8030.	https://doi.org/10.28940/terra.v39i0.887
2	2021	Yendi E. Navarro Noya, Nina Montoya Ciriaco, Ligia C. Muñoz Arenas, Stephanie Hereira Pacheco, Arturo Estrada Torres and Dendooven L. Conversion of a High-Altitude Temperate Forest for Agriculture Reduced Alpha and Beta Diversity of the Soil Fungal Communities as Revealed by a Metabarcoding Analysis. Frontiers in Microbiology. Volumen: 12 Número: 667566 ISSN: 1664-302.	https://doi.org/10.3389/fmicb.2021.667566
3	2021	Y. Bartolo Aguilar, C. Chávez Cabrera, J.C. Cancino Díaz and Marsch Moreno R. Expression of a synthetic protein with a high proportion of essential amino acids by <i>Pichia pastoris</i> . Revista Mexicana de Ingeniería Química. Volumen: 20 Número: 3 ISSN: 1665-2738.	https://doi.org/10.3390/microorganisms9061297
4	2021	Valentín Pérez Hernández, Mario Hernández Guzmán, Marco Luna Guido, Yendi E. Navarro Noya, Elda M. Romero Tepal and Dendooven L. Bacterial Communities in Alkaline Saline Soils Amended with Young Maize Plants or Its (Hemi)Cellulose Fraction. Microorganisms. Volumen: 9 Número: 1297 ISSN: 2076-2607.	https://doi.org/10.1016/j.envpol.2020.115811
5	2021	Venkata Chari S, Pérez Guevara F, I. Elizalde Martínez and Gurusamy Kutralam Muniasamy. Toward a unified framework for investigating micro(nano)plastics in packaged beverages intended for human consumption. Environmental Pollution. Volumen: 268 Número: 115811 ISSN: 0269-7491.	https://doi.org/10.1016/j.teac.2021.e00123
6	2021	Venkata Chari S, Pérez Guevara F, I. Elizalde Martínez and Gurusamy Kutralam Muniasamy. Current trends and analytical methods for evaluation of microplastics in stormwater. Trends in Environmental Analytical Chemistry. Volumen: 30 ISSN: 2214-1588.	https://doi.org/10.1016/j.envpol.2021.118142
7	2021	Venkata Chari S, Pérez Guevara F and Gurusamy Kutralam Muniasamy. The current state of microplastic pollution in the worlds largest gulf and its future directions. Environmental Pollution. Volumen: 291 Número: 118142 ISSN: 0269-7491.	https://doi.org/10.1016/j.watres.2021.117056
8	2021	Teresa Aguirrezabala Campano, Rodrigo Gonzalez Valencia, Francisco J. Cervantes and Thalasso F. Overall spatiotemporal dynamics of greenhouse gasses and oxygen in two subtropical reservoirs with contrasting trophic states. Water Research. Volumen: 196 Número: 117056 ISSN: 0043-1354.	https://doi.org/10.1002/ppp.2114
9	2021	Taylor D. Sullivan, Andrew D. Parsekian, Janelle Sharp, Philip J. Hanke, Thalasso F, Mark Shapley, Melanie Ingram and Katey Walter Anthony. Influence of permafrost thaw on an extreme geologic methane seep. Permafrost and Periglacial Processes. Volumen: 32 Número: 3 Páginas: 484-502 ISSN: 1045-6740.	https://doi.org/10.1038/s41598-021-81551-7
10	2021	Stephanie E. Hereira Pacheco, Yendi E. Navarro Noya and Dendooven L. The root endophytic bacterial community of <i>Ricinus communis</i> L. resembles the seeds community more than the rhizosphere bacteria independent of soil water content. Scientific Reports. Volumen: 11 Número: 2173 ISSN: 2045-2322.	https://doi.org/10.3390/w13131867
11	2021	Salvador Sánchez Carrillo, Jaime Garatza Payan, Raquel Sánchez Andrés, Francisco J. Cervantes, María Carmen Bartolomé, Martín Merino Ibarra and Thalasso F. Methane Production and Oxidation in Mangrove Soils Assessed by Stable Isotope Mass Balances. Water . Volumen: 13 Número: 1867 ISSN: 2073-4441.	https://doi.org/10.1016/j.wasman.2020.12.017
12	2021	Rodrigo Gonzalez Valencia, Felipe Magana Rodríguez, Karla Martinez Cruz, Gilberto J. Fochesatto and Thalasso F. Spatial and temporal distribution of methane emissions from a covered landfill equipped with a gas recollection system. Waste Management . Volumen: 121 Páginas: 373-382 ISSN: 0956-053.	https://doi.org/10.3390/pr9050873
13	2021	Aguilar Lopez R, Juan Luis Mata Machuca and Valeria Godínez Cantillo. A TITO Control Strategy to Increase Productivity in Uncertain Exothermic Continuous Chemical Reactors. Processes. Volumen: 9 Número: 873 ISSN: 2227-9717.	https://doi.org/10.1515/ijcre-2020-0180
14	2021	Aguilar Lopez R and Juan L. Mata Machuca. Minimum time controller in a class of chemical reactors based on Lagrangian approach. International Journal of Chemical Reactor Engineering . Volumen: 19 Número: 2 Páginas: 105-114 ISSN: 2194-5748.	https://doi.org/10.3389/fenrg.2021.630212
15	2021	Perla X. Sotelo Navarro and Poggi Valardo HM. Hydrogen from dark fermentation of the organic fraction of waste diapers: Optimization based on response surface experiments. Frontiers in Energy Research. Volumen: 9 Número: 630212 ISSN: 2296-598.	https://doi.org/10.1016/j.ibmb.2021.103673
16	2021	Paulina Díaz Garrido, Rosa Elena Cárdenas Guerra, Ignacio Martínez, Sebastián Poggio, Karla Rodríguez Hernández, Lucio Rivera Santiago, Ortega Lopez J, Sergio Sánchez Esquivel and Bertha Espinoza. Differential activity on trypanosomatid parasites of a novel recombinant defensin type 1 from the insect <i>Triatoma</i> (Meccus) pallidipennis. Insect Biochemistry and Molecular Biology. Insect Biochemistry and Molecular Biology . Volumen: 139 Número: 103673 ISSN: 0965-1748.	https://doi.org/10.3390/w13192731
17	2021	Nury Infante, Rodríguez Vázquez R, Yaneth Bartolo, Olga Sánchez, Isabel Sanz, Lizeth Bermeo and Jordi Morató. Biofunctionalization of cork with <i>Moringa oleifera</i> seeds and use of PMA staining and qPCR to detect viability of <i>Escherichia coli</i> . Water. Volumen: 13 Número: 2731 ISSN: 2073-4441.	https://doi.org/10.1093/ibmb/zbab124
18	2021	Maribel Cayetano Cruz, Luis A. Caro Gómez, Miguel Plascencia Espinosa, Alejandro Santiago Hernández, Claudia G. Benítez Cardoza, Jorge E. Campos, Hidalgo Lara ME and Absalom Zamorano Carrillo. Effect of the single mutation N9Y on the catalytic properties of xylanase Xyn11A from <i>Cellulomonas uda</i> : a biochemical and molecular dynamic simulation analysis. Bioscience, Biotechnology, and Biochemistry. Volumen: 85 Número: 9 Páginas: 1971-1985 ISSN: 0916-8451.	https://doi.org/10.1093/jimb/kuab048
19	2021	Flores Cotera LB, Cipriano Chávez Cabrera, Anahi Martinez Cardenas, Sergio Sánchez and Oscar Ulises García Flores. Deciphering the mechanism by which the yeast <i>Phaffia rhodozyma</i> responds adaptively to environmental, nutritional, and genetic cues. Journal of Industrial Microbiology and Biotechnology. Volumen: 48 Páginas: 9-10.	https://doi.org/10.3390/vaccines9080928
20	2021	Leandro Nuñez Muñoz, Gabriel Marcelino Pérez, Berenice Calderón Pérez, Miriam Pérez Saldivar, Karla Acosta Virgen, Hugo González Conchillos, Brenda Vargas Hernández, Ana Olivares Martínez, Ruiz Medrano R, Daniela Roa Velázquez, Edgar Morales Ríos, Jorge Ramos Flores, Gustavo Torres Franco, Diana Peláez González, Jorge Fernández Hernández, Martha Espinosa Cantellano, Diana Tapia Sidas, José Abraham Ramírez Pool, América Padilla Viveros and Xoonostle Cazares BG. Recombinant antigens based on non-glycosylated regions from RBD SARS-CoV-2 as potential vaccine candidates against COVID-19. Vaccines. Volumen: 9 Número: 928 ISSN: 2076-393.	https://doi.org/10.1080/15592324.2021.1877005
21	2021	Leandro Nuñez Muñoz, Brenda Vargas Hernández, Jesús Hinojosa Moya, Ruiz Medrano R and Xoonostle Cazares BG. Plant drought tolerance provided through genome editing of the trehalase gene. Plant Signaling. Volumen: 16 Número: 1877005 ISSN: 1559-2316.	https://doi.org/10.1038/s41598-021-92517-0
22	2021	Laura N. Añador Barajas, Yendi E. Navarro Noya, Marco L. Luna Guido and Dendooven L. Impact of a bacterial consortium on the soil bacterial community structure and maize (<i>Zea mays</i> L.) cultivation. Scientific Reports. Volumen: 11 Número: 13092 ISSN: 2045-2322.	https://doi.org/10.1016/j.lwt.2021.111419
23	2021	Joel Enrique Peña Chaldez, Walfred Rosas Flores, Salazar Montoya JA, Blanca Elizabeth Morales Contreras, José Alberto Gallegos Infante, Juliana Morales Castro and Hiram Medrano Roldán. Rheological and thermal characterization of pinto satillo bean (<i>Phaseolus vulgaris</i> L.) protein isolates/sodium alginate gels. LWT - Food Science And Technology. Volumen: 146 Número: 111419 ISSN: 0023-6438.	https://doi.org/10.1109/TLA.2021.9475873
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25	2021	Hilario Flores Mejia, Antonio Lara Musule, Eliseo Hernández Martínez, Aguilar Lopez R and Hector Puebla. Indirect Monitoring of Anaerobic Digestion for Cheese Whey Treatment. Processes. Volumen: 9 Número: 539 ISSN: 2227-9717.	https://doi.org/10.1007/s11356-021-14168-y
26	2021	Gurusamy Kutralam Muniasamy, Pérez Guevara F, Ignacio Elizalde Martínez and Venkata Chari S. Particulate matter concentrations and their association with COVID-19-related mortality in Mexico during June 2020 Saharan dust event. Environmental Science and Pollution Research. Volumen: 28 Número: 36 Páginas: 49989-50000 ISSN: 0944-1344.	https://doi.org/10.1016/j.teac.2021.e00147
27	2021	Gurusamy Kutralam Muniasamy, Pérez Guevara F, I. Elizalde Martínez and V.C. Shruti. How well-protected are protected areas from anthropogenic microplastic contamination? Review of analytical methods, current trends, and prospects. Trends in Environmental Analytical Chemistry. Volumen: 32 ISSN: 2214-1588.	https://doi.org/10.1016/j.jhazmat.2021.125755
28	2021	Gurusamy Kutralam Muniasamy, Pérez Guevara F, I. Elizalde Martínez and Venkata Chari S. Overview of microplastics pollution with heavy metals: Analytical methods, occurrence, transfer risks and call for standardization. Journal of Hazardous Materials. Volumen: 415 Número: 125755 ISSN: 0304-3894.	

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29	2021	Gratia Flores Salgado, Guillermo Quijano, Miguel Vital Jacome, Germán Buitron, Santos Miguel Orozco Soto, Pablo Vera Bustamante, Juan Manuel Ibarra Zannatha and Thalasso F. Novel photo-microrespirometric method for the rapid determination of photosynthesis-irradiance (PI) curves in microalgal-bacterial systems. <i>Algal Research</i> . Volumen: 58 Número: 102414 ISSN: 2211-9264.	https://doi.org/10.1016/j.algal.2021.102414
30	2021	Gratia Flores Salgado, Thalasso F, Germán Buitron, Miguel Vital Jacome and Guillermo Quijano. Kinetic characterization of microalgal-bacterial systems: Contributions of microalgae and heterotrophic bacteria to the oxygen balance in wastewater treatment. <i>Biochemical Engineering Journal</i> . Volumen: 165 Número: 107819 ISSN: 1369-703.	https://doi.org/10.1016/j.bej.2020.107819
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34	2021	Fernando Pérez Rodríguez, Juan Manuel González Prieto, José Antonio Vera Núñez, Ruiz Medrano R, Juan José Peña Cabriaes and José Ruiz Herrera. Wide distribution of the <i>Ustilago maydis</i> -bacterium endosymbiosis in naturally infected maize plants. <i>Plant Signaling</i> . Volumen: 16 Número: 2.	https://doi.org/10.1080/15592324.2020.1855016
35	2021	Pérez Guevara F, Gurusamy Kutralam Muniasamy and Venkata Chari S. Critical review on microplastics in fecal matter: Research progress, analytical methods and future outlook. <i>Science of the Total Environment</i> . Volumen: 778 Número: 146395 ISSN: 0048-9697.	https://doi.org/10.1016/j.scitotenv.2021.146395
36	2021	Ernesto Flores Rojas, Denhi Schnabel, Erick Justo Cabrera, Omar Solorza Feria, Poggi Valardo HM and Luz Bretón Deval. Using nano zero valent iron supported on diatomite to remove acid blue dye: synthesis, characterization, and toxicology test. <i>Sustainability</i> . Volumen: 13 Número: 24 Número de artículo: 13899.	https://doi.org/10.3390/su132413899
37	2021	Elizabeth Rubio Rodríguez, Ileana Vera Reyes, Edgar Baldemar Sepúlveda García, Ramos Valdivia AC and Gabriela Trejo Tapia. Secondary metabolite production and related biosynthetic genes expression in response to methyl jasmonate in <i>Castilleja tenuiflora</i> Benth. in vitro plants. <i>Plant Cell Tissue and Organ Culture</i> . Volumen: 144 Número: 3 Páginas: 519-532 ISSN: 0167-6857.	https://doi.org/10.1007/s11240-020-01975-3
38	2021	Edson A. Romero Salas, Yendi E. Navarro Noya, Marco Luna Guido, Nele Verhulst, José Crossa, Bram Govaerts and Dendooven L. Changes in the bacterial community structure in soil under conventional and conservation practices throughout a complete maize (<i>Zea mays</i> L.) crop cycle. <i>Applied Soil Ecology</i> . Volumen: 157 Número: 103733.	https://doi.org/10.1016/j.apsoil.2020.103733
39	2021	Edgar Yebán Villegas Vázquez, Xoconostle Cazares BG and Ruiz Medrano R. An ancestry perspective of the evolution of PBS1 proteins in plants. <i>International Journal of Molecular Sciences</i> . Volumen: 22 Número: 6819 ISSN: 1422-0067.	https://doi.org/10.3390/ijms22136819
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41	2021	Céline Lavergne, Polette Aguilar Muñoz, Natalia Calle, Thalasso F, María Soledad Astorga España, Armando Sepulveda Jauregui, Karla Martínez Cruz, Laure Gandois, Andrés Mansilla, Rolando Chamy, Maïalen Barret and Léa Cabrol. Temperature differently affected methanogenic pathways and microbial communities in sub-Antarctic freshwater ecosystems. <i>Environment International</i> . Volumen: 154 Número: 106575 ISSN: 0160-4120.	https://doi.org/10.1016/j.envint.2021.106575
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44	2021	Ausencio Galindo, Rosario Javier Reyna, Guillermina García Rivera, Cecilia Bañuelos, Sarita Montaña, Ortega Lopez J, Bibiana Chávez Munguía, Lizbeth Salazar Villatoro and Esther Orozco. EhVps23: A component of ESCRT-I that participates in vesicular trafficking and phagocytosis of <i>Entamoeba histolytica</i> . <i>Frontiers in Cellular and Infection Microbiology</i> . Volumen: 11 Número: 770759.	https://doi.org/10.3389/fcimb.2021.770759
45	2021	Anuar Ahmed Magaña Álvarez, Daisy Pérez Brito, Brenda Yazmín Vargas Hernández, José Abrahán Ramírez Pool, Leandro Alberto Núñez Muñoz, Héctor Salgado Ortiz, Rodolfo de la Torre Almaraz, Ruiz Medrano R and Xoconostle Cazares BG. Detection of Tomato brown rugose fruit virus (ToBRFV) in solanaceous plants in Mexico. <i>Journal of Plant Diseases and Protection</i> . Volumen: 128 Páginas: 1627-1635 ISSN: 1861-3829.	https://doi.org/10.1007/s41348-021-00496-1
46	2021	Andrés Aguilar Granados, Bárbara Hernández Macías, Guillermo Santiago Martínez, Ruiz Medrano R, Luis Kameyama Kawabe, Jesús Hinojosa Moya, Montes Horcasitas MC and Xoconostle Cazares BG. Genetic diversity of <i>Xylella fastidiosa</i> in Mexican vineyards. <i>Plant Disease</i> . Volumen: 105 Número: 5 Páginas: 1490-1494 ISSN: 0191-2917.	https://doi.org/10.1094/PDIS-09-20-1900-RE
47	2021	Anbu Landa Faz, Sara González Orenge, Monica Boscaiu, Rodríguez Vázquez R and Oscar Vicente. Effect of the Pesticide Endosulfan and Two Different Biostimulants on the Stress responses of <i>Phaseolus leptostachyus</i> Plants Grown in a Saline Soil. <i>Agronomy - Basel</i> . Volumen: 11 Número: 1208 ISSN: 2073-4395.	https://doi.org/10.3390/agronomy11061208
48	2021	Analleli Jiménez Durán, Barrera Cortes J, Laura Patricia Lina García, Rosa Santillan, Ramón Marcos Soto Hernández, Ramos Valdivia AC, Ponce Noyola MT and Ríos Leal E. Biological activity of phytochemicals from agricultural wastes and weeds on <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae). <i>Sustainability</i> . Volumen: 13 Número: 13896.	https://doi.org/10.3390/su132413896
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51	2021	Alfredo Arias Ruiz, Isabel Ambriz Mexicano, Nora Ruiz Ordaz, Juvencio Galíndez Mayer, Poggi Valardo HM, Jaime García Mena, Khemal Nirmalkar and Ricardo Monterrubio López. The functional response of immobilized microbial communities to increase loading rates of the pesticides chlorpyrifos and bifenthrin. <i>Environmental Engineering and Management Journal</i> . Volumen: 20 Número: 8 Páginas: 1317-1327.	Microsoft Word - 10_440_Arias-Ruiz_20.docx (tuiaisi.ro)
52	2021	A. Landa Faz, Rodríguez Vázquez R and T. G. Roldán Carillo. Mycoremediation of an agricultural salty soil contaminated with endosulfan by <i>Penicillium crustosum</i> : and agronomic bioassays with <i>Phaseolus leptostachyus</i> . <i>Journal of Environmental Science and Health, Part B</i> . Volumen: 56 Número: 9 Páginas: 838-844 ISSN: 0360-1234.	https://doi.org/10.1080/03601234.2021.1962167