

**Folios para carteles 6 ISEBE
(6, 7 y 8 de Noviembre 2018)**

	Martes 6 de Noviembre	Título Cartel y autores
1	M1-01	Design of a Centralized Bioenergy Unit: Modeling strategy to optimize bioenergy production and reduce methane emissions. J. A. Silva González, I. O. Hernández de Lira, L. E. Montañez Hernández, A. Rodríguez Martínez, N. Balagurusamy
2	M1-02	Obtaining Renewable Diesel from castor oil. Adid Olaff Santoyo López, R. Hernández Altamirano, F.S. Mederos Nieto.
3	M1-03	Simultaneous radiant and thermal energy collection with a parabolic cylindrical collector for biotechnological applications. Ruelas-Ramírez EH, Velumani Subramanian, Reyna-Velarde R.
4	M1-04	Importance of chemical analysis of biomass for production of bioethanol. A. Ramírez-Estrada, V. Y. Mena-Cervantes, R. Hernández-Altamirano
5	M1-05	Biohydrogen production from waste diapers: optimization by response surface methodology. Perla X. Sotelo-Navarro, Héctor M. Poggi-Varaldo, Sylvie J. Turpin-Marion
6	M1-06	Study of extracellular enzymatic activity in native fungi isolates from Yaqui Valley. S.R. Maldonado Bustamante, I. Mondaca Fernández, E.A. Ciprián Uribe, R.A. Zúñiga Zamora, S. De los Santos Villalobos, P. Gortares Moroyoqui, J.J. Balderas Cortés, M.M. Meza Montenegro.
7	M1-07	Microalgal production with potential for obtaining omegas-3 and phycoremediation of aquaculture wastewater. López-Carrillo Z., Robledo-Narváez P.N., Ortega-Clemente L.A., Vázquez-Larios A.L., Gutiérrez-Rivera B.
8	M1-08	Phenomenological model for the production of ethanol from a photosynthetic microbial consortium. D.J. Hernández-Melchor , I.J. Rodríguez-Meléndez , J. Alarcón-Bonilla, J.E.S. Martínez-Calderón, J.C. Rosas-Aveldan, E. Ríos-Leal, P.A. López-Pérez
9	M1-09	Utilization of non-conventional media for the growth of four microalgae for biodiesel production. Fernández-Linares L.; González Ambriz L.M.; García Cordero, J.M.
10	M1-10	Simultaneous fermentation and saccharification of sugar cane-bagasse for ethanol production by <i>S. cerevisiae</i> RP2-BGL. Castro-Eddy Luis, Ramirez-Reyes Itzel, Poggi-Varaldo Hector, Cristiani-Urbina Eliseo, Ponce-Noyola Teresa Poster
11	M2-11	Enhanced oil recovery by hydrophobins from <i>Lecanicillium lecanii</i> . Zaízy Rocha Pino, Jesús I. Ramos López, Miquel Gimeno, Fernando Barragán Aroche, Cecilia Durán Valencia, Simón López Ramírez, Keiko Shirai
12	M2-12	Novel design of biopesticide-fertilizer mixture using capsaicin and anaerobic digestion products. M. Ortíz León, J. A. Mendoza Pérez, M. M. Monroy Medienta, T. A. Fregoso Aguilar, O. Gómez-Guzmán, G. Calva Calva, N. A. Rivera Casado
13	M2-13	A review on production of value-added compounds by microbial electrosynthesis. H. M. Poggi Varaldo; E. Hernández Correa
14	M3-14	Isotherm studies of the biosorption of manganese (Mn) from contaminated soils. F. A. Davila Parra, O. Monge Amaya, F. J. Almendariz Tapia, A. R. Martín García, M. C. de la Cruz Leyva.
15	M4-15	Urease and Carbonic anhydrase activities of ureolytic bacteria in an enriched and unenriched concrete pore solution. M.J. Castro Alonso, L.E. Montañez Hernández, M. A. Sánchez Muñoz, R. Narayanasamy, M.P. Luévanos Escareño, N. Balagurusamy
16	M4-16	Evaluation of the antibacterial in vitro activity of essential oils of oregano and thyme against <i>Ralstonia solanacearum</i> . Rueda Puente, E. O., López Ahumada G. A. , Rodríguez Félix F. , Vargas Juan M. , López-Corona, B. E., Mondaca Fernández, I., Gortáres Moroyoqui, P. , Andrade Bustamante, G., and Martínez Ruíz, E.
17	M4-17	Application of cellulose of three pine species with recycled fibers to manufacture corrugated paperboard components. Teófilo Escoto García, Janet Jiménez Castro, Héctor Jesús Contreras Quiñones and Raul Vega Elvira.
18	M4-18	Filtration of aqueous systems using green-electrospun PVA membranes. J. Cimadoro, L. Ribba , S. Estevez Areco, L. Guz, R. Candal, S. Goyanes



19	M4-19	Physical-Chemical characterization sabila biopolymer (Aloe vera). Gálvez Chan R .A, Alvarez Sánchez J, Silva Encinas G. O , López Cuero I, Paredes Gálvez P. A
20	M4-20	Protonated cross-linked chitosan to remove Cr (VI) from liquid residue generated in COD analysis. Correa-Murrieta, M.A., Sánchez-Duarte, R.G., Martínez-Macias, M.R., Villegas-Peralta, Y., Villa-Coronado, K.A., Dévora-Isiordia, G.E., Álvarez-Sánchez, J.
21	M4-21	Implementation of <i>Vetiveria Zizanoides</i> in the extraction of chrome on a contaminated site. V Calbo , C de Armas , M C Baldo
22	M4-22	Evaluation of the radial growth and germination of toxigenic fungi in the presence of chitosan. C.A., Sañudo-Ruiz , M.I., Estrada-Alvarado , L.A., Cira-Chávez , M., Plascencia-Jatomea.
23	M4-23	Microbial synthesis of bionanobiparticles using wastes from an OFMSW biorefinery. Leticia Romero-Cedillo; Héctor Mario Poggi-Valardo; Yasuhiro Matsumoto Kuwabara; Miguel García-Rocha; Jaime Santoyo Salazar; Teresa Ponce Noyola; Luz Bretón-Deval; Carlos Escamilla Alvarado
24	M6-24	Analysis of the expression of HMA domain containing proteins in certain Cucurbitaceae plants under arsenic stress. C. V. Ochoa Bañuelos, A. R. Almeida Robles, C. E. López Ortiz, L. E. Montañéz Hernández, M. P. Luévanos Escareño, P. Nimmakayala, U. Reddy, N. Balagurusamy.
25	M6-25	Molecular characterization of microbial consortia from selected stages in a biorefinery using a novel technique for primer design. Carlos Alfredo Amaro-Aponte; Leticia Romero-Cedillo; Héctor Mario Poggi-Valardo; Daniel A. Estrada-Bárceñas ; Édgar Baldemar Sepúlveda-García ; Dulce María Delgadillo-Álvarez ; Teresa Ponce Noyola ; José Tapia Ramírez
26	M6-26	Screening for moderately halophilic bacteria producing keratinolytic exoenzymes using by-products of chicken feathers. Ana Maria Felix-Velis, Juan Carlos Coronado-Corral, Maria Isabel Estrada-Alvarado, Luis Alberto Cira-Chavez
27	M6-27	Isolation of metalotolerant microorganisms from the San Pedro River, Cananea, Sonora, for use as Cu and Mn biosorbents. A Alvarez Villa, F J Almendariz Tapia, A M Pat Espadas, M Plascencia Jatomea, M T Certucha Barragán
28	M6-28	Biofertilization with NFB to restore a contaminated soil of Tlaxcala. K. Flores-Vazquez , J. Pérez Vargas, G. Calva-Calva , S. E. Viguera Carmona
29	M6-29	PGPR traits of isolates obtained from the rhizospheric bacterial community of <i>Echinocactus platyacanthus</i> . LI Salinas-Virgen , ME de la Torre-Hernández , JF Aguirre-Garrido , HC Ramírez-Saad .
30	M6-30	Medium chain length polyhydroxyalkanoates biosynthesis in <i>Azotobacter vinelandii</i> OP from sucrose. G. Morales-Flores, J. Guzmán-Aparicio , M.S. Moreno-Leon, A.R. Reyes-González , C.F. Peña-Malacara , C. Flores-Ocampo , D.G. Segura-González.
31	M6-31	Identification of chitinase genes in halophilic microorganisms for the treatment of shrimp waste. Gutiérrez Sámano Pamela Susana, Cira Chavéz Luis Alberto, Estrada Alvarado Maria Isabel, De los Santos Villalobos Sergio.
32	M6-32	Genetic analysis of a halophilic bacteria with potential for the bioremediation of soils and solid waste. Rodríguez-Franco D.A., Cira-Chávez L.A., Estrada-Alvarado M.I., de los Santos-Villalobos S., Gassos-Ortega L.E. and Shirai-Matsumoto C.K.
33	M6-33	Halocin and antibiotic resistance encoding genes in halophilic archaea isolated from Saltern of Uyuni, Bolivia. Guachalla Alarcón Andrea, Gutiérrez Llave Francisca, Cárdenas Alegría Oscar, Medrano Medrano Beatriz, Laura Mejía Lizeth, Aliaga Rodríguez Jonatan, Hurtado Gil Camila, Romero Calle Danitza, Sánchez Montañó Rolando, Álvarez Aliaga María Teresa
34	M7-34	Comparison between two electrochemical reactors based on their removal efficiency of atrazine in wastewater. Juan Napoles-Armenta, Lilian Alejandra Salcedo-Gastelum, Luis Alonso Leyva-Soto, Celestino García-Gómez, Edgardo Martínez-Orozco, Pablo Gortáres-Moroyoqui
35	M7-35	Atrazine half-life determination in water. Juan Napoles-Armenta, Luis Alonso Leyva-Soto, Celestino García-Gómez, Edgardo Martínez-Orozco, Pablo Gortáres Moroyoqui
36	M7-36	Evaluation of hydrogen production efficiency in a microbial electrolysis cell inoculated with <i>Shewanella oneidensis</i> . Mendoza-Chávez E., Khosravanipour-Mostafazadeh A., Drogui P., Buelna G., Gortáres-Moroyoqui P.
37	M7-37	Kinetic coefficients from the anaerobic digestion of thermic pre-treated slaughterhouse wastewater. Vianka Celina Hernández-Fydrych , Mónica Meraz-Rodríguez, Mónica L. Salazar-Peláez , María del Carmen Fajardo-Ortiz



38	M7-38	Multivariate analysis of wastewater treatment plants in Mexico: Cases of Oaxaca, Nuevo León and Mexico City. Lilian E. Domínguez-Montero, Héctor M. Poggi-Valardo, Blanca E. Jiménez Cisneros, Sergio Caffarel -Méndez, Eduard de la Cruz Burelo, Miguel A. Pérez-Angón, Rosa Olivia Cañizarez-Villanueva, Eugenio Frixione-Garduño.
39	M7-39	Acid mine drainage remediation using sulfate reduction and sulfide oxidation. C.D. Loreto Muñoz, O. Monge Amaya, F.J. Almendariz, V. Ochoa-Herrera, R. Sierra.
40	M7-40	Comparison of regulations for wastewater discharge: The cases of Mexico, Brazil, United States and European Union. Lilian E. Domínguez-Montero, Héctor M. Poggi-Valardo, Blanca E. Jiménez Cisneros, Sergio Caffarel -Méndez, Eduard de la Cruz Burelo, Miguel A. Pérez-Angón, Rosa Olivia Cañizarez-Villanueva, Eugenio Frixione-Garduño
41	M7-41	Study of metal ions removal in aqueous solutions and industrial wastewater using low cost sorbents. P. M. Navarro Quintana, S.I. Sáez Elgueta, B.H. Quilodrán Toloza
42	M7-42	Hydrodynamic evaluation of a thin-layer photobioreactor for piggery wastewater treatment. Aguilera-Torres A., Serrano-Palacios D., Ulloa-Mercado G., Almazán-Ruiz F., Plascencia-Jatomea R.
43	M11-43	Effect of lovastatin on ruminal methanogenesis: a review. Amaury Ábrego-García , Hector M. Poggi-Valardo , Vania Robles-González and Omar Hernández-Mendo
44	M11-44	Anaerobic methane oxidation linked to nitrous oxide reduction via humus mediated interspecies electron transfer in wetland sediment. Padilla Loma C., Valenzuela-Reyes E.I. , Cervantes Carrillo F.J.
45	M11-45	Comparison of DNA extraction methods for molecular analyses of the ticks <i>Rhipicephalus sanguineus</i> , a warm-favored infection. C.E. Aragón-López , V. Ortiz-Encinas , J.R. Reyna-Granados , P. Luna-Nevárez , Y.L. Caraveo-Gutierrez
46	M11-46	Social vulnerabilities analysis to climate extreme events through a knowledge system in Hermosillo. Fernando Tandazo-Bustamante, Agustín Robles-Morúa, Tischa Muñoz-Erickson, Robert Hobbins
47	M11-47	Single nucleotide polymorphism associated with a behavioral trait sensitive to warm weather conditions in replacement gilt vaccinated against PRRS virus infection. C. M. Aguilar-Trejo, J. A. Romo-Rubio G. Luna-Nevárez, J. R. Reyna-Granados, X. Zeng, R. M. Enns, S. E. Speidel, M. G. Thomas, and P. Luna-Nevárez.

	7 de Noviembre	Título Cartel y autores
48	X7-48	Removal efficiency of organic matter in a sequential batch activated sludge reactor for treatment of municipal wastewater. A. N. Salinas-Pacheco, C. Estrada-Vázquez, E. Peralta-Reyes, A. Regalado-Méndez
49	X7-49	Biodegradation of benzotriazole under nitrifying conditions. R. Trejo Castillo, F.M. Cuervo López, A.-C. Texier
50	X7-50	2-Chlorophenol consumption by cometabolism in nitrifying SBR reactors. Miguel Martínez-Jardines, Sergio Martínez-Hernández, Anne-Claire Texier, Flor Cuervo-López.
51	X7-51	Benzotriazole mineralization by denitrifying sludge in presence of acetate. García-Camacho J., Romo-Gómez C., Texier A.C., Cuervo-López F.
52	X7-52	Isolation and application of microalgae on a microbial fuel cell employing aquaculture effluent. Morando-Grijalva, C. A., Vázquez-Larios, A. L., Alcántara-Hernández, R., Ortega-Clemente, L. A., Robledo-Narvaéz, P. N.
53	X7-53	Removal of chromium by an isolated microbial consortium of tannery effluents. B. Reyes-Romero, J.I. Chairez-Oría, R. Hernández-Altamirano, R. Vázquez-Medina, D.A. Vivanco-Campos, J.A. Cruz-Peláez, S.M. García-Solares.
54	X7-54	Use of a submerged membrane bioreactor (sMBR) for synthetic fish meal processing wastewater treatment. : G. López Avilés, F. J. Almendariz Tapia, O. Monge Amaya, M. T. Certucha Barragán, M. Plascencia Jatomea, E. R. Meza Escalante

55	X7-55	Quantification and removal of polyphenols in anaerobic biochemical systems. J. A. Contreras-Contreras, A. Martínez-Cruz, Dra. M. Bernal-González, Dra. M. C. Durán-Domínguez-de-Bazúa
56	X7-56	Optimization of heterogeneous photocatalysis with ZnO as a low-cost catalyst. Case study: malathion degradation. : Sait C-Sosa; Gloria Isabel Peraza; Abraham Efraim Rodríguez-Mata; Jesús Gabriel Rangel-Peraza; Leonel Ernesto Amabilis-Sosa
57	X7-57	Compliance with Mexican regulations in municipal wastewater treatment plants in Mexico. Lilian E. Domínguez-Montero, Héctor M. Poggi-Valardo, Blanca E. Jiménez Cisneros, Sergio Caffarel -Méndez, Eduard de la Cruz Burelo, Rosa Olivia Cañizares-Villanueva, Eugenio Frixione-Garduño, Miguel A. Pérez-Angón
58	X7-58	Ampicillin biotransformation by a nitrifying consortium. J.J. Ramírez Muñoz, D.I. Bejarano Ortiz, F.M. Cuervo López, A.C. Texier
59	X7-59	Bioremediation of red dye by halophilic strain isolated from saline soils of Sonora Mexico. Avilés Saucedo Ana Isabel, Tabares Escamilla Luis, Estrada Alvarado María Isabel; Cira Chávez Luis Alberto.
60	X7-60	Grafting of activated montmorillonite with N-[3-(trimethoxysilyl)propyl]ethyldiamine for Cr(VI) removal. F. Agosto, M. Muñoz, C. Cabello and N. Fellenz
61	X7-61	Oxidation of ammonium and benzotriazole in a sequencing batch reactor. M.L. Aceves Zamora, F.M. Cuervo López, A.-C. Texier
62	X7-62	Effects of the expired drugs on activated sludge treatment of effluents. Georgina Fernández Villagómez; Edson Matías González; Hector Mario Poggi Valardo
63	X7-63	Copper adsorption test by marine microalgae. M.R. Martínez-Macias, R.J. Aguilar-Ruiz, D. I. Sánchez-Machado, J. López-Cervantes. Y. Villegas-Peralta, M. A. Correa-Murrieta.
64	X7-64	Effect of enrofloxacin on the growth and biochemical composition of <i>Chlorella</i> sp. Aguilar Alvarez, A. M., Burboa Charis, V. A., Ulloa Mercado, R. G., Gortáres Moroyoqui, P., Rentería Mexía, A. M., Leyva Soto, L. A., Hernández Chávez, J. F.
65	X7-65	Metal bioremediation performed by native algae isolated from the Reconquista River. Ferraro G, Areco MM, Passucci V, Bagnato C, Toranzo R, Castiglioni D, Curutchet G
66	X7-66	Removal efficiency of organic matter in a sequential batch activated sludge. A. N. Salinas-Pacheco, C. Estrada-Vázquez, E. Peralta-Reyes, A. Regalado-Mendez
67	X10-67	Heterologous expression of <i>Aspergillus niger</i> Phytase A in <i>Pichia pastoris</i> . D. Niño-Gómez, V. González-Méndez, R. Poutou-Piñales, C. Rivera-Hoyos
68	X10-68	Development and evaluation of hybrids membranes to inactivate <i>E. coli</i> in a photocatalytic process. López Vega, D. V, Pérez Rodríguez F., Arriaga García, S.L, Acosta González, G.E.
69	X10-69	Evaluation of bioaerosols emitted by a biofilter treating ethyl acetate and toluene vapors. Valdez, Mariana, Flores, Ana, Arriaga, Sonia
70	X10-70	CO ₂ biomitigation from flue gas by <i>Scenedesmus obtusiusculus</i> using a hybrid photobioreactor. Adrián Estrada, Sergio Hernández, Marcia Morales
71	X10-71	"Effective" microorganisms for sustainable development. Pierre Christen, Anne Marie Farnet, Catherine Rébufa, Pascal Dantine, Dorian Felix
72	X10-72	Improved use of an organic waste (urine) to increase the omega 9, 6 and 3 fractions in <i>Chlorella</i> sp. Canino Gómez J C, Alcalá Rodríguez M M, Morones J R, Limón Rodríguez B
73	X10-73	Influence of assay conditions on the recombinant POXA 1B laccase activity detection. L.D. Ardila-Leal, M.C. Ferrucho-Calle, C.M. Rivera-Hoyos, A.M. Pedroza-Rodríguez, B.E. Quevedo- Hidalgo, R.A. Poutou-Piñales, D.C Niño-Gómez.
74	X10-74	Rhamnolipid and pyocyanin metabolites produced by <i>Pseudomonas aeruginosa</i> in a stirred tank reactor. Carolina Guatemala Hernández, Abdi Escalante Sánchez, Maricruz Hernández Cruz, Josefina Barrera-Cortés.
75	X10-75	Method Validation based on Capillary Electrophoresis for Extraction and Quantification of 17-β Estradiol in Biological Matrices. Morales JM, Díaz CA, Ulloa-Mercado RG, Burboa-Charis VA, Hernandez-Chavez JF.
76	X10-76	Anthocyanins in the growth of <i>V. americana</i> in front of the unbalance C/N/P. Hernández-Rodríguez, J.A., Ruiz-Carrera, V., Salcedo-Meza, M.A., Sánchez, A.J.
77	X10-77	Mezcal vinasses as inducer of laccase enzyme from <i>Trametes versicolor</i> in batch submerged bioprocess. VS Robles-González, IV Robles-González and S Castillejos-Márquez
78	X10-78	Response of biotized <i>Fouquieria splendens</i> callus to cadmium. V.A. Salinas-Patiño, M. García-Pineda, M.R. Espinoza Mellado, A.V. Rodríguez-Tovar and A. Rodríguez-Dorantes



79	X10-79	Biotechnological potential of native strains of <i>Trichoderma</i> based on enzyme activities and biocontrol against <i>Fusarium</i> . D.J. Hernández-Melchor, R. Ferrera-Cerrato, A. Alarcon
80	X10-80	Sulfate reduction and batch anaerobic digestion of olive oil wastewaters by an undefined mixed bacterial culture passively immobilized on crushed olive cores. Abdel-Allah Qatibi, Fatima Chamkh, Radia Bouterfas and Rhizlane Bennisse
81	X10-81	Biotechnological approach for the treatment of industrial wastes with high metal content. Rojas-Avelizapa Norma G, Moreno-Villanueva Fernanda, Gómez-Ramírez Marlenne
82	X10-82	Effect of silver concentration and extracellular filtrates of <i>Alternaria alternata</i> on AgNP production. Martínez Diana G, Rojas-Avelizapa Norma G., Gómez-Ramírez Marlenne
83	X10-83	Antiviral activity of <i>Brazilian propoli</i> extract. Silva-Beltrán N.P., Encinas-Valenzuela K.L, Balderrama- Carmona A.P., Umsza Guez M.A, Souza Machado B.A, Barreto G.A
84	X10-84	Effect of fishmeal replacement with a vegetable protein mixture on the generation of residual compounds in shrimp culture <i>litopenaeus vannamei</i> in low salinity. J.C. Gil Núñez, R. Casillas Hernández, R. Servín Villegas, F.J. Magallon Barajas, R.A. Bórquez López, J.R. González Galaviz, M.B. Flores Pérez.
85	X2-85	Temporal and seasonal balance of nutrients in the Culiacan river basin: eutrophication effect in the lower basin. Mendivil-García, K., Amabilis-Sosa, L.E., Rodríguez-Mata, A., Rangel-Peraza, J.G., Cedillo-Herrera, C.I.G.

	Martes 8 de Noviembre	Título Cartel y autores
86	J1-86	Environmentally relevant concentrations of glibenclamide induce oxidative stress in common carp (<i>Cyprinus carpio</i>). Martínez-Viveros E.M.G., Dublán-García O., Gómez-Oliván L.M., Islas- Flores H., Galar-Martínez M., Hernández-Navarro M.D.
87	J1-87	Valorization of microalgal biomass cultivated in 200 l raceway using piggery wastewater as substrate. Fernández-Linares, L.; González Farfán, K.; Flores Aguilar, E.; Gutiérrez Márquez, A.
88	J1-88	Designing and Building Solar Concentrator Lineal Kind Fresnel. J. Álvarez-Sánchez, J. Bernal-Tolano, C.A. Duarte-Ruiz, G.E. Dévora-Isiordia, J. Saldivar-Cabrales.
89	J1-89	Design of a low environmental impact prototype for the manufacture of bricks from lignocellulosic residues. J. C. Paredes Rojas, B. Bravo Díaz, S. M. García Solares, A. Flores Vela, F. J. Márquez Rocha
90	J1-90	Physical-chemical Characterization of Wheat Straw during a Continuous Pretreatment Process. C. E. Molina-Guerrero, G. de la Rosa, H. Castillo-Michel, A. Sánchez, C. García-Castañeda, A. Hernández-Rayas, I. Valdez-Vazquez, S. Suarez-Vázquez.
91	J1-91	Application of high gain non-linear observers in the estimation of inorganic carbon in photobioreactors. A.E. Rodríguez-Mata, J.L. Robles Magdaleno, M. Farza, G. Flores-Colunga, L. Amabilis-Sosa, G. Rangel-Peraza and A. Roé-Sosa
92	J1-92	Aquaponic system for <i>Salicornia bigelovii</i> cultivation. Escoboza-Barceló D. O., Gortáres-Moroyoqui P.
93	J1-93	Effect of <i>Nannochloris oculata</i> added in a commercial diet, on growth and survival of <i>Litopenaeus vannamei</i> infected with <i>Vibrio parahaemolyticus</i> . García-Medel D.I., Luna-González A., Ortega-Clemente L.A., Álvarez-Ruiz P., Pérez-Rostro C.I.
94	J1-94	Effect of water depth and plant density in rooting of the energy crop <i>Arundo donax</i> L. for propagation by stems. Cano-Ruiz J, Amorós M.C, Sáez-Marugán D, Montalvo S.G, Lobo M.C, Mauri P.V, Ruiz-Fernández, J.
95	J1-95	Removal of fermentation inhibitors from acid hydrolyzates of the organic fraction of municipal solid waste by adsorption with powdered eggshell waste. H. M. Poggi-Varaldo.; E. Hernández-Correa, M. T. Ponce-Noyola, G. Mercado; L. Romero-Cedillo, E. Ríos-Leal.

96	J3-96	Study of the relationship between the concentration of Pb, As and Hg with the pH in soils of mine tailings for phytostabilization in an area of Morelos-Zacatecas. Luis Enrique Silva Aparicio, Consuelo Letechipía de León, Rebeca Basurto Gaytán, Héctor René Vega-Carrillo, Víctor Martín Hernández Dávila, Ana Isabel Veyna Gómez.
97	J3-97	Identification of native plant species from an area with mining history in Morelos-Zacatecas and possible potential for phytostabilization. Rebeca Basurto Gaytan, Consuelo Letechipía de León, Luis Enrique Silva Aparicio, Ana Isabel Veyna Gómez, Héctor René Vega Carrillo., Miguel Ángel Salas Lúevano.
98	J3-98	Test of chlordecone dechlorination by chemical reduction using Fe(II)/Fe(III)-oxides coupling. Jean-Pascal ANDRAUD, Stéven CRIQUET, Benjamin OURSEL, Stéphane GREEF, Thierry WOIGNIER, Hervé MACARIE.
99	J3-99	Evaluation of soil physical and chemical properties of degraded lands of Hermosillo Coast, Sonora Mexico. H. Celaya Michel, M. A. Barrera Silva, R. F. Osuna Chávez, y J. Sosa Castañeda.
100	J3-100	Assessing long-term impact of zero-valent iron (nZVI) nanoparticles on soil microbial community function. P. García-Gonzalo, M.M. Gil-Díaz, E. Arroyo, E. Rodríguez-Valdés, J.R. Gallego, M.C. Lobo.
101	J3-101	Metal removal capacity by microalgae and effect on growth. R.J. Aguilar-Ruiz, M.R. Martínez-Macías, D.I. Sánchez-Machado, J. López-Cervantes, G. E. Dévora-Isiordia.
102	J3-102	Characterization and whole genome sequencing and analysis of a hydrocarbon-degrading negativicute isolated of sediment from the Gulf of México. L Escobar, P Lara, K Juarez.
103	J3-103	Biodegradation of Aromatic Polycyclic Hydrocarbons by Endophytic Fungi of Ecuadorian Amazon Rainforest. Marín F., Portero C., Narváez A.
104	J3-104	Production of glycolipid Biosurfactants by bacterial strains isolated from marine environments. Curriel Maciel N.F Martínez Morales F., Rosas Galván N.S., Bertrand B., Morales Guzmán D., Trejo Hernández M.R.
105	J3-105	Impact of pesticides on environmental and perspectives of in silico bioremediation: Review. B. Camacho-Perez, E. Andrade-Collantes, S. Montañó.
106	J3-106	Tolerance to Cd and As in barley plants enhanced by Sulphur. Gil Diaz M, Pérez Ríquez C.A, Mancho C, Alonso J, González A, Lobo M.C.
107	J4-107	Evaluation of the antibacterial in vitro activity of essential oils of oregano and thyme against <i>Ralstonia solanacearum</i> . Rueda Puente, E. O., López Ahumada G. A., Rodríguez Félix F., Vargas Juan M., López-Corona, B. E., Mondaca Fernández, I., Gortáres Moroyoqui, P., Andrade Bustamante, G., and Martínez Ruíz, E.
108	J4-108	Application of cellulose of three pine species with recycled fibers to manufacture corrugated paperboard components. Teófilo Escoto Garcia, Janet Jiménez Castro, Héctor Jesús Contreras Quiñones and Raul Vega Elvira.
109	J4-109	Urease and Carbonic anhydrase activities of ureolytic bacteria in an enriched and unenriched concrete pore solution M.J. Castro Alonso, L.E. Montañez Hernández, M. A. Sánchez Muñoz, R. Narayanasamy, M.P. Luévanos Escareño, N. Balagurusamy.
110	J4-110	Physical-Chemical characterization sabila biopolymer (Aloe vera). Gálvez Chan R .A, Alvarez Sánchez J, Silva Encinas G. O, López Cuero I, Paredes Gálvez P. A.
111	J4-111	Implementation of <i>Vetiveria Zizanioides</i> in the extraction of chrome on a contaminated site. V Calbo, C de Armas, M C Baldo
112	J4-112	Evaluation of the radial growth and germination of toxigenic fungi in the presence of chitosan. C.A., Sañudo-Ruiz, M.I., Estrada-Alvarado, L.A., Cira-Chávez, M., Plascencia-Jatomea.



113	J4-113	Protonated cross-linked chitosan to remove Cr (VI) from liquid residue generated in COD analysis. Correa-Murrieta, M.A., Sánchez-Duarte, R.G., Martínez-Macias, M.R. , Villegas-Peralta, Y., Villa-Coronado, K.A., Dévora-Isiordia, G.E., Álvarez-Sánchez, J.
114	J4-114	Ozonation OF THE Emu oil for THE therapeutic purposes and its ANTI-inflammatory evaluation in vivo. Daniel M. Márquez-López, Sergio O. Flores-Valle, Tatiana Poznyak, Tomás A. Fregoso-Aguilar, Ricardo E. Peralta-Robledo.
115	J4-115	Organic material (Food and loss waste) physicochemical characterization and quantification for uses in biotechnology". Cordova- Flores, S., Toribio-Cuaya, H. , Pedraza-Segura, L. , García-Solares, S.M., Neri-Torres, E.E.
116	J4-116	Evaluation of alternative nitrogen sources in the production of polyhydroxybutyrate by <i>Halomonas boliviensis</i> . DE Marsiglia López, NA Gómez Vanegas , AP Villegas Quiceno.
117	J4-117	Production of poly-β-hydroxybutyrate from whey fermentation and extraction of the biopolymer with green solvents. A.B. Holguin-Loya , S.B. Perez-Vega , C. E. Molina-Guerrero, I. Pérez-Reyes , V. H. Ramos Sanchez , I. Salmerón.
118	J4-118	Rentability of water hyacinth in a biorefinery model. Arnaud Darmuzey, Isabelle Gaime Ernesto Favela-Torres.
119	J4-119	Fluorescent protein from <i>Stomolophus</i> sp. 2: an extreme pH indicator protein. Martínez-Peréz, R.B., Rodriguez, J., Rentería-Mexía, A.M., Diaz-Tenorio, L.M.
120	J4-120	Biological synthesis of iron nanoparticles: an overview. Leticia Romero-Cedillo (1), Héctor Mario Poggi-Valardo*(2), Luz Bretón-Deval (3), Vania Shuhua Robles-González.
121	J4-121	PVA electrospun mats containing viable bacteria for water remediation. C. Duca, L. Guz , S. Estévez-Areco, J. Cimadoro , S. Goyanes , R. Candal
122	J5-122	<i>Pedobacter</i> sp.3.14.7 a keratinolytic bacteria that produces a feather protein hydrolysate with high antioxidant activity. B Bezus, F Ruscasso, G Garmendia, S Vero, G Curutchet, S Cavalitto, I Cavallo.
123	J5-123	Organic Soil Fertility Management and Tool to Combat the Cumulative Effect of Pesticides and Chemical Fertilizers in Soil. Attia. R , Chourabi.H , Sifaoui.K , Hajlaoui.H.
124	J5-124	Heavy metal and petroleum hydrocarbons removal efficiency of chitin powder and flakes. M.E. Pérez-Cruz, A.C. De León-Cisneros, S. García-López, I.E. Jacobo-Herrera, A.C. Campa Mada, A.R. Toledo, M.A.G. Corella Madueño, K.G. Martinez-Robinson.
125	J8-125	Hydrogeochemical and bacteriological assessment of potable water in Taxco de Alarcón, Guerrero, Mexico, a mining site. G. Sánchez Montoya, O. Talavera Mendoza, G. Hernández-Flores, E. Díaz Villaseñor, A.H. Ramírez Guzmán, Z. Galarza Brito.
126	J8-126	An ethical and environmental perspective of technology that incorporates genetically modified organisms into food. Yáñez-Vergara A.G., Sanabria-García, D. A., Carrasco-González, J. A., García-Moreno, T.N. , Poggi-Valardo, H. M.
127	J8-127	Comparison of the environmental impacts of wheat production using chemical versus biofertilizers using a Life Cycle Assessment. Ismael Fragozo-Sosa, Robert Handler, Sergio de los Santos-Villalobos, María Fernanda Lares-Orozco, Agustín Robles-Morúa.
128	J8-128	Environmental impact on the river water quality using multivariate statistical techniques. Elizabeth Ríos-Ramos, José A. de Diego, Luz Breton-Deval.
129	J8-129	CO2 generated in the construction of a social housing by using regional materials in the city of Obregón Sonora, México. H. Aceves Gutierrez, O. López Chávez, J.L. Arévalo Razo, L. A. Cervantes García, G. Ayón Murrieta, J. M. Campoy Salguero, J. R. Osuna Corona.



130	J8-130	Life Cycle Assessment of a biofertilizer production process from wasted fats. S. Carlos Hernández, L. Díaz Jiménez.
131	J8-131	Bioindicators of As, Pb and Hg in irrigation water, soil and chile (<i>Capsicum Annuum</i>) in an agricultural area near to mine tailings. D.M. Orozco Corona, C. Letechipía de León, H. R. Vega Carrillo, I. Gavilán García.
132	J8-132	Exposure to Glyphosate and Aminomethylphosphonic acid in Communities of Northwestern Mexico. Balderrama-Carmona A.P., Flores-Gil J.A., Leyva-Soto L.A., Morán-Palacio E.F.
133	J8-133	Germination toxicity tests in fireworks contaminated soils using seeds of radish (<i>Raphanus sativus</i>) and corn (<i>Zea mays</i>). IV Robles-González, VS Robles-González, J Zafra-Soto and A Ordaz-Cortés.
134	J8-134	Enviromental impact by extraction of marble rocks in the north part of the municipality of Ramos Arizpe. Joel Andrés Iglesias- Galván, Josué Raymundo Estrada-Arellano, Cecilio Arreola-Chapa, Anselmo Orona-Espino, Jose Luis Estrada-Rodriguez.
135	J10-135	Processing of marine derived chitosan for use as a biofertilizer and its influence on the lipid and growth capacity of <i>Salicornia bigelovii</i> . López-Corona, B. E. , Mondaca Fernández, I., Rueda Puente E. O. , Gortáres Moroyoqui, P. , Meza Montenegro, M. M. , Balderas Cortes J. de J. & Vargas López, J. M.