



**GOBIERNO DE
MÉXICO**



CONACYT
Consejo Nacional de Ciencia y Tecnología



PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI	Tipo de publicación	Lugar
1	Mechanical Behavior of Multiwalled Carbon Nanotube Reinforced 7075 Aluminum Alloy Composites Prepared by Mechanical Milling and Hot Extrusion	2019	Eduardo Uriza-Vega, Caleb Carreño-Gallardo*, Claudia López-Meléndez, Eduardo Cuadros-Lugo, Raúl Pérez-Bustamante, Ernesto Ledezma-Sillas, Jose Martin Herrera-Ramirez	Materials Research	http://dx.doi.org/10.1590/1980-5373-mr-2018-0652	Revista indizada	Brasil
2	Evaluation of the mechanical properties, durability and drying shrinkage of the mortar reinforced with polyacrylonitrile microfibers	2019	Manuel J. Chinchillas-Chinchillas, Víctor M. Orozco-Carmona, Alberto Gaxiola, Clemente G. Alvarado-Beltrán, Manuel J. Pellegrini-Cervantes, Francisco J. Baldenebro-López, Andrés Castro-Beltrán	Construction and Building Materials	https://doi.org/10.1016/j.conbuildmat.2019.03.178	Revista indizada	Reino Unido
3	Synthesis of Recycled Poly(ethylene terephthalate)/Polyacrylonitrile/ Styrene Composite Nanofibers by Electrospinning and Their Mechanical Properties Evaluation	2019	Manuel J. Chinchillas-Chinchillas · Víctor M. Orozco-Carmona · Clemente G. Alvarado-Beltrán · Jorge L. Almaral-Sánchez · Selene Sepulveda-Guzman · Luis E. Jasso-Ramos · Andrés Castro-Beltrán	Journal of Polymers and the Environment	https://doi.org/10.1007/s10924-019-01379-1	Revista indizada	Estados Unidos
4	A cost-effective method to prepare size-controlled nanoscale zero-valent iron for nitrate reduction.	2019	Claudio Adrian Ruiz-Torres, René Fernando Araujo-Martínez, Gabriel Alejandro Martínez-Castañón, J. Elpidio Morales-Sánchez, Tae-Jin Lee, Hyun-Sang Shin, Yuhoon Hwang, Abel Hurtado-Macías, Facundo Ruiz	Environmental Engineering Research	DOI: 10.4491/eer.2018.320	Revista indizada	Corea del Sur
5	Graphene role in improved solar photocatalytic performance of TiO2-RGO nanocomposite.	2019	G Horacio Edgardo Garrafa-Gálvez, Clemente Guadalupe Alvarado-Beltrán, Jorge Luis Almaral-Sánchez, Abel Hurtado-Macías, Angélica María Garzon-Fontechac, Priscy Alfredo Luqued and Andrés Castro-Beltrán	Chemical Physics	https://doi.org/10.1016/j.chemphys.2019.01.013	Revista indizada	Países Bajos
6	LIFE CYCLE ASSESSMENT OF TRADITIONAL BRICK MANUFACTURE IMPROVEMENT	2019	Héctor Alfredo López-Aguilar, Enrique Alberto Huerta-Reynoso, Jorge Alberto Gómez, José Alberto Duarte-Moller, Antonino Pérez-Hernández	REVISTA INTERNACIONAL DE CONTAMINACIÓN AMBIENTAL	http://dx.doi.org/10.20937/RICA.2019.35.01.14	Revista indizada	México

7	Binder jetting additive manufacturing of aluminum nitride components	2019	Carlos A. Díaz-Moreno Y. Lin A. Hurtado-Macías D. Espalín C.A. Terrazas L.E. Murra Ryan B. Wicker	Ceramics International	https://doi.org/10.1016/j.ceramint.2019.03.187	Revista indizada	Reino Unido
8	Theoretical and Experimental Study of Different Chemical Routes to Synthesize Crystalline Sodium Metasilicate from Silica-Rich Sand	2019	A. Tejeda-Ochoa, C. Carreño-Gallardo, J.E. Ledezma-Sillas, C. Prieto-Gomez, N.R. Flores-Holguin, F.C. Robles-Hernandez, J.M. Herrera-Ramirez	Revista Mexicana de Ingeniería Química	https://doi.org/10.24275/uam/izt/dcbi/revmexing-quim/2019v18n2/Tejeda	Revista indizada	México
9	Tribological evaluation of electroless Ni-B coating on metal-working tool steel	2019	Jaime Taha-Tijerina & Karla Aviña-Camarena & Roal Torres-Sánchez & Carlos Dominguez-Ríos & Demófilo Maldonado-Cortes.	The International Journal of Advanced Manufacturing Technology	1959. https://doi.org/10.1007/s00170-019-03684-4	Revista indizada	Reino Unido
10	Microstructural changes and mechanical response of aluminum-based composites prepared with dispersed CeO ₂ nanoparticles	2019	Francisco Baldenebro-Lopez, Raul Perez-Bustamante, Ivanovich Estrada-Guel, Roberto Martinez-Sanchez, Alberto Duarte-Möller and Cynthia Deisy Gómez Esparza	Advances in Materials Science and Engineering	https://doi.org/10.1155/2019/3242394	Revista indizada	Estados Unidos
11	Electrochemical Study, Structural Characterization and Antimicrobial Activity of Silver and Copper Oxide (CuO) Nanoparticles Synthesized by a Green Method Using L-ascorbic Acid and Chitosan	2019	M.E. Vázquez, D. Medina-Rodelo, J.R. López, M. Jiménez-Edeza, G.M. Castañeda-Ruelas, A.M. López, J.M. Herrera-Ramírez, P.F. Méndez	International Journal of Electrochemical Science	doi: 10.20964/2019.07.04	Revista indizada	Serbia
12	Microstructural evaluation and nano-hardness of an AlCoCuCrFeNiTi high entropy alloy	2019	C. D. Gómez-Esparza, R. Peréz-Bustamante, J. M. Alvarado-Orozco, J. Muñoz-Saldaña, R. Martínez-Sánchez, J.M. Olivares-Ramírez, A. Duarte-Moller	International Journal of Minerals, Metallurgy and Materials	https://doi.org/10.1007/s12613-019-1771-3	Revista indizada	China
13	Curing kinetics of diglycidyl ether of Bisphenol-A epoxy system using a tertiary amine, through the study of its rheometric characteristics	2019	Lopez-Barajas, F (Lopez-Barajas, F.)[1] ; Ramos-DeValle, LF (Ramos-DeValle, L. F.)[1] ; Sanchez-Valdes, S (Sanchez-Valdes, S.)[1] ; Ramirez-Vargas, E (Ramirez-Vargas, E.)[1] ; Martinez-Colunga, G (Martinez-Colunga, G.)[1] ; Espinoza-Martinez, AB (Espinoza-Martinez, A. B.)[1] ; Flores-Gallardo, S (Flores-Gallardo, S.)[2] ; Mendez-Nonell, J (Mendez-Nonell, J.)[2] ; Morales-Cepeda, AB (Morales-Cepeda, A. B.)[3] ; Lozano-Ramirez, T (Lozano-Ramirez, T.)[3]	POLYMER TESTING	10.1016/j.polymertesting.2018.11.043	Revista indizada	Países Bajos

14	Isolation, Characterization, and Incorporation of Microfibrils and Microcrystals from <i>Typha domingensis</i> Pers. as Impact Strength Reinforcer of Polypropylene Matrix Composite Using Stearic Acid as Interfacial Modifier	2019	Morales-Zamudio, L (Morales-Zamudio, Luisiana)[1] ; Lopez-Marure, A (Lopez-Marure, Arturo)[1] ; Garcia-Hernandez, M (Garcia-Hernandez, Margarita)[2] ; Rodriguez-Gonzalez, F (Rodriguez-Gonzalez, Francisco)[3] ; Flores-Gallardo, S (Flores-Gallardo, Sergio)[4] ; Lopez-Martinez, E (Lopez-Martinez, Erika)[4]	BIORESOURCES	10.15376/biores.14.2.2513-2535	Revista indizada	Estados Unidos
15	Numerical analysis of wood-high-density polyethylene composites: A hyperelastic approach	2019	Rodriguez-Sanchez, AE (Rodriguez-Sanchez, Alejandro E.)[1] ; Vega-Rios, A (Vega-Rios, Alejandro)[2] ; Flores-Gallardo, SG (Flores-Gallardo, Sergio G.)[2] ; Zaragoza-Contreras, EA (Armando Zaragoza-Contreras, E.)[2] ; Mendoza-Duarte, ME (Mendoza-Duarte, Monica E.)[2]	JOURNAL OF COMPOSITE MATERIALS	10.1177/0021998318780436	Revista indizada	Estados Unidos
16	Effect of magnetite nanoparticles and their surface modification on the mechanical and magnetic properties of silicon-based magnetic elastomer nanocomposite	2019	Jose David Zuluaga-Parra, Saul Sanchez-Valdes, Luis F. Ramos-de Valle, Sergio Flores-Gallardo, Jorge A. Uribe-Calderón, Flora I. Beltrán-Ramírez, Jorge Romero-García, Rosa I. Narro-Céspedes, Ana Beatriz Morales-Cepeda, Tomas Lozano-Ramírez, Jose Alberto Rodriguez-Gonzalez	POLYMER COMPOSITES	doi.org/10.1002/pc.25259	Revista indizada	Estados Unidos
17	Synthesis and Characterization of a Lignin-Styrene-Butyl Acrylate Based Composite	2019	Serna, DL (Lopez Serna, Daniel)[1] ; Martinez, PE (Elizondo Martinez, Perla)[1] ; Gonzalez, MAR (Reyes Gonzalez, Miguel Angel)[1] ; Cadena, AAZ (Zaldivar Cadena, Antonio Alberto)[2] ; Contreras, EAZ (Zaragoza Contreras, Erasto Armando)[3] ; Anguiano, MGS (Sanchez Anguiano, Maria Guadalupe)[1]	POLYMERS	10.3390/polym11061080	Revista indizada	Suiza
18	Preface for the special issue on XVII-SMH International Congress	2019	Ortiz, AL (Lopez Ortiz, Alejandro)[1] ; Collins-Martinez, V (Collins-Martinez, Virginia)[1]	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	10.1016/j.ijhydene.2019.04.018	Revista indizada	Reino Unido

19	Assessment of two ionic exchange membranes in a bioelectrochemical system for wastewater treatment and hydrogen production	2019	Chacon-Carrera, RA (Chacon-Carrera, R. A.)[1] ; Lopez-Ortiz, A (Lopez-Ortiz, A.)[1] ; Collins-Martinez, V (Collins-Martinez, V.)[1] ; Melendez-Zaragoza, MJ (Melendez-Zaragoza, M. J.)[1] ; Salinas-Gutierrez, J (Salinas-Gutierrez, J.)[1] ; Espinoza-Hicks, JC (Espinoza-Hicks, J. C.)[2] ; Ramos-Sanchez, VH (Ramos-Sanchez, V. H.)[2]	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	10.1016/j.ijhydene.2018.10.153	Revista indizada	Reino Unido
20	Thermodynamic evaluation during the reduction of MWO4 (M = Fe, Mn, Ni) with methane for the production of hydrogen-syngas	2019	Lopez-Ortiz, A (Lopez-Ortiz, A.)[1] ; Melendez-Zaragoza, MJ (Melendez-Zaragoza, M. J.)[1] ; Gutierrez, JMS (Salinas Gutierrez, J. M.)[1] ; Gonzalez-Vargas, PE (Gonzalez-Vargas, P. E.)[1] ; Collins-Martinez, V (Collins-Martinez, V.)[1]	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	10.1016/j.ijhydene.2018.08.014	Revista indizada	Reino Unido
21	Visible-light photo-assisted synthesis of GO-TiO2 composites for the photocatalytic hydrogen production	2019	Hernandez-Majalca, BC (Hernandez-Majalca, B. C.)[1] ; Melendez-Zaragoza, MJ (Melendez-Zaragoza, M. J.)[1] ; Salinas-Gutierrez, JM (Salinas-Gutierrez, J. M.)[1] ; Lopez-Ortiz, A (Lopez-Ortiz, A.)[1] ; Collins-Martinez, V (Collins-Martinez, V.)[1]	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	10.1016/j.ijhydene.2018.10.152	Revista indizada	Reino Unido
22	Novel biomaterial based on monoamine oxidase-A and multi-walled carbon nanotubes for serotonin detection	2019	Becerra-Hernandez, A (Becerra-Hernandez, A.)[1] ; Galindo-de-la-Rosa, J (Galindo-de-la-Rosa, J.)[2] ; Martinez-Pimentel, Y (Martinez-Pimentel, Y.)[1] ; Ledesma-Garcia, J (Ledesma-Garcia, J.)[1] ; Alvarez-Contreras, L (Alvarez-Contreras, L.)[3] ; Guerra-Balcazar, M (Guerra-Balcazar, M.)[1] ; Aguilar-Elguezabal, A (Aguilar-Elguezabal, A.)[3] ; Alvarez, A (Alvarez, A.)[1] ; Chavez-Ramirez, AU (Chavez-Ramirez, A. U.)[2] ; Vallejo-Becerra, V (Vallejo-Becerra, V.)[1]	BIOCHEMICAL ENGINEERING JOURNAL	10.1016/j.bej.2019.107240	Revista indizada	Países Bajos
23	Electrocatalytic evaluation of Co3O4 and NiCo2O4 rosettes-like hierarchical spinel as bifunctional materials for oxygen evolution (OER) and reduction (ORR) reactions in alkaline media	2019	Bejar, J (Bejar, Jose)[1] ; Alvarez-Contreras, L (Alvarez-Contreras, Lorena)[2] ; Ledesma-Garcia, J (Ledesma-Garcia, J.)[3] ; Arjona, N (Arjona, Noe)[1] ; Arriaga, LG (Arriaga, L. G.)[1]	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	10.1016/j.jelechem.2019.113190	Revista indizada	Países Bajos

24	Electrocatalytic evaluation of sorbitol oxidation as a promising fuel in energy conversion using Au/C, Pd/C and Au-Pd/C synthesized through ionic liquids	2019	Torres-Pacheco, LJ (Torres-Pacheco, Luis J.)[1] ; Alvarez-Contreras, L (Alvarez-Contreras, Lorena)[2] ; Lair, V (Lair, Virginie)[3] ; Cassir, M (Cassir, Michel)[3] ; Ledesma-Garcia, J (Ledesma-Garcia, Janet)[4] ; Guerra-Balcazar, M (Guerra-Balcazar, Minerva)[4] ; Arjona, N (Arjona, Noe)[1]	FUEL	10.1016/j.fuel.2019.03.149	Revista indizada	Países Bajos
25	Electrocatalytic Evaluation of Highly Stable Pt/ZrO ₂ Electrocatalysts for the Methanol Oxidation Reaction Synthesized Without the Assistance of Any Carbon Support	2019	Aguilar-Vallejo, A (Aguilar-Vallejo, Angelica)[1,2] ; Alvarez-Contreras, L (Alvarez-Contreras, Lorena)[3] ; Guerra-Balcazar, M (Guerra-Balcazar, Minerva)[1] ; Ledesma-Garcia, J (Ledesma-Garcia, Janet)[1] ; Arriaga, LG (Arriaga, Luis Gerardo)[4] ; Arjona, N (Arjona, Noe)[4] ; Rivas, S (Rivas, Sandra)[1]	CHEMELECTROCHEM	10.1002/celc.201900220	Revista indizada	Reino Unido
26	Biopolymeric films obtained from the parenchyma cells of Agave salmiana leaves	2019	Julio Silva-Mendoza; María Elena Cantú-Cárdenas; Sofía Vazquez-Rodríguez; Alberto Toxqui-Terán; Leonardo Chávez-Guerrero	Cellulose. ISSN 0969-0239.	https://doi.org/10.1007/s10570-018-2173-9	Revista indizada	Holanda
27	Evaluation of the spray drying conditions of blueberry juice-maltodextrin on the yield, and retention of quercetin 3-D-galactoside	2019	María Z. Saavedra-Leos, César Leyva-Porras, Laura A. López-Martínez, Raúl González-García, Joel O. Martínez, Isaac Compeán Martínez, Alberto Toxqui-Terán	Polymers. ISSN 2073-4360.	DOI: 10.3390/polym11020312	Revista indizada	Suiza
28	Growth of a graphenic-Co composite coating on type-304 stainless steel	2019	L. Santiago-Bautista, H.M. Hdz-García, R. Muñoz-Arroyo, M. Alvarez-Vera, A. García-García, A.I. Mtz-Enriquez, F.A. Hernández-García, J.L. Acevedo-Dávila	Vacuum	DOI: 10.1016/j.vacuum.2019.02.032	Revista indizada	Reino Unido
29	Study and optimization of the photoluminescence of amorphous silicon carbide thin films	2019	Maricela Meneses, Mario Moreno, Alfredo Morales, Alfonso Torres, Pedro Rosales, Israel Vivaldo	MRS Advances	DOI: 10.1557/adv.2019.1	Arbitrada	
30	Low-temperature thin film transistors based on pulsed laser deposited CdS active layers	2019	V H Martínez-Landeros, N Hernández-Como, G Gutierrez-Heredia, R Ramírez-Bon, M A Quevedo-López and F S Aguirre-Tostado	Semiconductor Science and Technology	DOI: 10.1088/1361-6641/aaf66d	Revista indizada	Reino Unido

31	Amine adduct with tin (II) chloride: Synthesis, molecular structure characterization, and DFT computational studies	2019	Areli A. Molina-Paredes Víctor M. Jiménez-Pérez Jesús A. Lara-Cerón Ivana Moggio Eduardo Arias Rosa Santillán Mario Sánchez Alma Saucedo-Yañez Blanca M. Muñoz-Flores	Applied Organometallic Chemistry	-	Revista indizada	Alemania
32	Role of carbon nanodots in defect passivation and photo-sensitization of mesoscopic-TiO ₂ for application in perovskite solar cells	2019	Siraj Sidhik, Jayaramakrishnan Velusamy, Elder De la Rosa, Sergio Alfonso Pérez-García, Gabriel Ramos-Ortiz, Tzarara López-Luke.	Carbon	https://doi.org/10.1016/j.carbon.2019.01.105	Revista indizada	Holanda
33	Functionalized reduced graphene oxide with tunable band gap and good solubility in organic solvents	2019	Ulises A.Méndez-Romero, Sergio A.Pérez- García, Xiaofeng Xu, Ergang Wang, Liliana Licea- Jiménez	Carbon	https://doi.org/10.1016/j.carbon.2019.02.023	Revista indizada	Holanda
34	A Comparison of Different Methods of MWCNTs Metalation in a Single Step Using Three Different Silver-containing Compounds	2019	Beatriz O. García, Oxana V. Kharissova, Rasika Dias, Francisco S. Aguirre-Tostado, César Leyva, Lucy T. González, Boris I. Kharisov	Recent Patents on Nanotechnology	DOI : 10.2174/1872210513666190225095537	Arbitrada	Emiratos Arabes Unidos
35	Thermal stability and chemical analysis of hybrid materials reinforced with graphene oxide	2019	A.F. Betancur, A. García and F. R. Pérez	Journal of Physics: Conference Series - IOPscience Q3	DOI: 10.1088/1742-6596/1219/1/012003	Arbitrada	Reino Unido
36	Graphene Oxide-Based Nanomaterial as a Coating with Anti-corrosion Properties	2019	F. R. Pérez, A.F. Betancur, A. García, Aura Sofía Merlano, J. Cabral, Ángel Salazar	Journal of Physics: Conference Series - IOPscience Q3	DOI: 10.1088/1742-6596/1219/1/012002	Arbitrada	Reino Unido
37	Synergistic effect of plasma nitriding and bias voltage on the adhesion of diamond-like carbon coatings on M2 steel by PECVD Surface and Coatings Technology	2019	A. Moreno Barcenás, JM Alvarado Orozco, JM Gonzalez Carmona, GC Mondragon Rodriguez, J Gonzalez Hernandez, A Garcia García	Surface and Coatings Technology ISSN: 0257- 8972 Q1	DOI: 10.1016/j.surfcoat.2019.06.014	Revista indizada	Holanda
38	Simultaneous N doping and reduction of GO: compositional, structural characterization and its effects in negative electrostatic charges repulsion	2019	LUZ MARIA RIVERA, ANDRES F BETANCUR LOPERA, DIANA G ZARATE TRIVIÑO, DAVID TORRES TORRES, LINA M HOYOS PALACIO, ALEJANDRA GARCIA	Diamond and Related Materials Q2	DOI:10.1016/j.diamond.2019.107447	Revista indizada	Holanda

39	Effect of NiO and MoO ₃ addition on the crystallinity and mechanical properties of α -cordierite and β -cordierite in the MgO-Al ₂ O ₃ -SiO ₂ system	2019	Manuela Zalapa Garibay, David Torres Torres, Ana Arizmendi-Morquecho, Simón Reyes-López	Results in Physics	DOI: 10.1016/j.rinp.2019.102227	Revista indizada	Holanda
40	Optofluidic and strain measurements induced by polarization-resolved nanosecond pulses in Gold-based nanofluids	2019	J.A.García-Merino, D.Torres-Torres, C.Carrillo-Delgado, M.Trejo-Valdez, C.Torres-Torres.	Optik - International Journal for Light and Electron Optics	DOI: 10.1016/j.ijleo.2019.01.042	Revista indizada	Alemania
41	Dynamic and plasmonic response exhibited by Au nanoparticles suspended in blood plasma and cerebrospinal fluids	2019	Carlos Torres-Torres, César Carrillo-Delgado, DAVID TORRES TORRES, Gilberto Ochoa-Ortega, Hilario Martínez-Arango, Martín Trejo-Valdez, Samuel Morales-Bonilla	Journal of Molecular Liquids	DOI: 10.1016/j.molliq.2019.02.073	Revista indizada	Holanda
42	Decision making two-wave mixing with rotating TiO ₂ -supported Au-Pt nanoparticles	2019	A. J. Piña-Díaz, D. Torres-Torres, M. Trejo-Valdez, C. R. Torres-SanMiguel, C. L. Martínez-González, and C. Torres-Torres	Optics and Laser Technology	DOI: 10.1016/j.optlastec.2019.105638	Revista indizada	Reino Unido
43	In-situ X-ray photoelectron spectroscopy analysis of the initial growth of CdS thin films by chemical bath deposition	2019	R. Garza-Hernández, A. Carrillo-Castillo, V.H. Martínez-Landeros, M.A. Martínez-Puente, E. Martínez-Guerra, F.S. Aguirre-Tostado	Thin Solid Films	DOI: 10.1016/j.tsf.2019.04.003	Revista indizada	Estados Unidos
44	Spinel-type ferrite nanoparticles: Synthesis by the oil-in-water microemulsion reaction method and photocatalytic water-splitting evaluation	2019	Arturo Adrian Rodriguez-Rodriguez, Maira Berenice Moreno-Trejo, Miguel Jesus Melendez-Zaragoza, Virginia Collins-Martinez, Alejandro Lopez-Ortiz, Eduardo Martinez-Guerra, Margarita Sanchez-Dominguez	International Journal of Hydrogen Energy	DOI: 10.1016/j.ijhydene.2018.09.183	Revista indizada	Estados Unidos
45	Preferential Orientation of Crystals and its Influence on the Emission Wavelength of Acrylonitrile Derivatives Treated with Polar Solvents	2019	Maria Judith Percino, Margarita Ceron, Enrique Perez-Gutierrez, Venkatesan Perumal, Maxime A. Siegler, Thamotharan Subbiah, Paulina Ceballos, Paola Gordillo-Guerra, Jose Bonilla-Cruz, Francisco Enrique Longoria, and Tania Lara	Crystal Research and Technology	DOI: 10.1002/crat.201800156	Revista indizada	Alemania
46	Self-Assembly Investigations of Sulfonated Poly(methyl methacrylate-block-styrene) Diblock Copolymer Thin Films	2019	Claudia Piñón-Balderrama, César Leyva-Porras, Roberto Olayo-Valles, Javier Revilla-Vázquez, Ulrich S. Schubert, Carlos Guerrero-Sanchez, and José Bonilla-Cruz	Advances in Polymer Technology	DOI: 10.1155/2019/4375838	Revista indizada	Estados Unidos

47	Changes in the microstructural, textural, thermal and sensory properties of apple leathers containing added agavins and inulin	2019	Alán Benjamín García-García, Luz Araceli Ochoa-Martínez, Tania Ernestina Lara-Ceniceros, Olga Miriam Rutiaga-Quiriones, Walfred Rosas-Flores, Silvia Marina González-Herrera	FOOD CHEMISTRY	https://doi.org/10.1016/j.foodchem.2019.03.143	Revista indizada	Holanda
48	Trichloroethylene solubilization using a series of commercial biodegradable ethoxylated fatty alcohol surfactants	2019	Javier I Garza-Arévalo, Adriano Intiso, Antonio Proto, Federico Rossi, Margarita Sanchez-Dominguez	Journal of Chemical Technology & Biotechnology	DOI: 10.1002/jctb.5965	Revista indizada	Estados Unidos
49	Structural, chemical and electrical properties of CdS thin films fabricated by pulsed laser deposition using varying background gas pressure	2019	V.H. Martínez-Landerosa, N. Hernandez-Como, G. Gutierrez-Heredia, M.A. Quevedo-Lopez, F.S. Aguirre-Tostado	Thin Solid Films,	doi.org/10.1016/j.tsf.2019.05.014	Revista indizada	Estados Unidos
50	Novel electroconducting polypyrrole/carbon nanotube/alginate nanocomposites synthesized by hydrogen peroxide-mediated emulsion pathway	2019	R.V. Quevedo-Robles, G.A. Grijalva-Bustamante, T. del Castillo-Castro, M.M. Castillo-Ortega, D.E. Rodríguez-Félix, Tania E. Lara Ceniceros, R. Mayen-Mondragon. I. Santos Saucedo	Synthetic Metals	https://doi.org/10.1016/j.synthmet.2019.05.006	Revista indizada	Holanda
51	A Comparison of Conceptual DFT and Molecular Electron Density Theory (MEDT) Descriptors of Local Chemical Reactivity Properties: Oxytocin and Vasopressin Peptide Hormones as Test Cases	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	MOJ Biorganic & Organic Chemistry	DOI: 10.15406/mojboc.2019.03.00097	Arbitrada	Estados Unidos
52	Chemical Reactivity Properties of Standard Aromatic Amino Acids Studied by Means of Conceptual Density Functional Theory	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	SOJ Biochemistry	doi:10.15226/2376-4589/4/1/00132	Arbitrada	Estados Unidos
53	Conceptual Density Functional Theory Study of the Chemical Reactivity Properties and Bioactivity Scores of the Leu-Enkephalin Opioid Peptide Neurotransmitter	2019	Juan Frau, Norma Flores-Holguín and Daniel Glossman-Mitnik	Computational Molecular Bioscience	https://doi.org/10.3390/molecules24061115	Arbitrada	Estados Unidos
54	Computed Local Chemical Reactivity of Melanoidins Red M1 and Red M2 Using Conceptual DFT	2019	Juan Frau and Daniel Glossman-Mitnik	SDRP Journal of Computational Chemistry & Molecular Modelling	DOI: 10.25177/JCCMM.3.1.RA.460	Revista indizada	Estados Unidos

55	Chemical Synthesis, Spectroscopic Studies, Chemical Reactivity Properties and Bioactivity Scores of an Azepin-based Molecule	2019	Shiva Prasad Kollur, Joaquín Ortega Castro, Juan Frau and Daniel GlossmanMitnik	Journal of Molecular Structure 1180	https://doi.org/10.1016/j.molstruc.2018.11.061	Revista indizada	Holanda
56	Estudio DFT a Moléculas Derivadas de Benzimidazol y Piridina con Capacidad Inhibidora de Corrosión	2019	J. Reyes-Corrales, R. Soto-Rojo, D. Glossman-Mitnik, J. Baldenebro-L'opez	Revista de Ciencias Tecnológicas	-	Arbitrada	México
57	Chemical Reactivity Properties, Drug-likeness Features and Bioactivity Scores of the Cholecystokinin Peptide Hormone	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Computational Molecular Bioscience	DOI: 10.4236/cmb.2019.92004	Arbitrada	Estados Unidos
58	Preparation, Spectroscopic Investigations and Chemical Reactivity Properties of New Schiff Base Ligand and its Copper(II) Complexes	2019	Shiva Prasad Kollur, Joaquín Ortega Castro, Juan Frau, Norma Flores-Holguín, Govindaraju Shruthi, Chandan Shivamallu, Daniel Glossman-Mitnik	Journal of Molecular Structure	https://doi.org/10.1016/j.molstruc.2019.03.101	Revista indizada	Holanda
59	Computational Prediction of Bioactivity Scores and Chemical Reactivity Properties of the Parasin I Therapeutic Peptide of Marine Origin through the Calculation of Global and Local Conceptual DFT Descriptors	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Theoretical Chemistry Accounts	https://doi.org/10.1007/s00214-019-2469-3	Revista indizada	Alemania
60	Electron Injection in Anthocyanidin and Betalain Dyes for Dye-Sensitized Solar Cells: A DFT Approach	2019	Obasuyi Aanuoluwapo Raphael, Daniel Glossman-Mitnik and Norma Flores-Holguín	Journal of Computational Electronics	https://doi.org/10.1007/s10825-019-01331-5	Revista indizada	Estados Unidos
61	Direct photoimmobilization of extraction disks on "green state" 3D printed devices.	2019	Carlos Calderilla, Fernando Maya, Víctor Cerdà, Luz O. Leal	Talanta	https://doi.org/10.1016/j.talanta.2019.04.026	Revista indizada	Estados Unidos
62	Analysis of the interactions between cytochrome p450 3a4 and 1a2 with aflatoxins. a molecular docking study	2019	Isui Abril García Montoya, Norma Rosario Flores Holguín, Linda-Lucila Landeros-Martínez, Mónica Alvarado Gonzalez, Quintín Rascón Cruz, Pedro Palomares Báez y Luz Maria Rodríguez-Valdez	Applied Sciences	https://doi.org/10.3390/app9122467	Revista indizada	Alemania

63	THEORETICAL ANALYSIS OF THE ARRANGEMENT IN ZINC-PORPHYRINS DERIVATIVES AND ITS EFFECT IN THE ELECTRONIC PROPERTIES.	2019	NORA-AYDEE SANCHEZ-BOJORGE, Gerardo Zaragoza-Galán, Norma R Flores-Holguín, Marco Antonio Chávez-Rojó, César Castro-García, Luz Rodríguez-Valdez	Journal of Molecular Structure	https://doi.org/10.1016/j.molstruc.2019.04.096	Revista indizada	Holanda
64	Oxygen vacancy micrometric enrichment in high-performance lead-free piezoelectric ceramic (Bi _{0.5} Na _{0.5}) _{0.94} Ba _{0.06} TiO ₃ : A synchrotron radiation study	2019	Jesús Canche-Tello, María Elena Montero-Cabrera, María E Fuentes-Montero, Lorena Pardo, Hilda E Esparza-Ponce, Hiram Castillo-Michel, Isaí Castillo-Sandoval, José M Nápoles-Duarte, Samuel D Juárez-Escamilla, Luis E Fuentes-Cobas	Journal of the European Ceramic Society	https://doi.org/10.1016/j.jeurceramsoc.2018.10.010	Revista indizada	Reino Unido
65	Low temperature synthesis of alpha alumina platelets and acicular mullite in MgO-Al ₂ O ₃ -SiO ₂ system	2019	M. A. Zalapa-Garibay, A. Arizmendi-Morquecho, S. Y. Reyes-López	Journal of Ceramic Science and Technology	DOI: 10.4416/JCST2018-00043	Revista indizada	Alemania
66	Hydrothermal synthesis of a two-dimensional gC ₃ N ₄ /MoS ₂ /MnOOH composite and its potential application as photocatalyst	2019	J. Enrique Samaniego-Benitez, K. Y. Jiménez-Rangel, L. Lartundo-Rojas, A. García-García and A. Mantilla	Journal of Chemical Technology & Biotechnology Q2	doi: 10.1002/jctb.6088	Revista indizada	Estados Unidos
67	ANTI-BIOFOULING AND DESALINATION PROPERTIES OF THIN FILM COMPOSITE REVERSES OSMOSIS MEMBRANES MODIFIED WITH COPPER AND IRON NANOPARTICLES	2019	Magda Armendariz Ontiveros, Yurieth Quintero, Ana Llanquilef, Mauricio Morel, Leandris Argente, Alejandra Garcia Garcia, Andreina Garcia	Materials (Basel) Q2	doi: 10.3390/ma12132081	Revista indizada	Suiza
68	Room-temperature ferromagnetism and morphology evolution of SnO ₂ flower-like microparticles by Zn-doping	2019	F. Paraguay-Delgado, F.C . Vasquez, J.T. Holguín-Momaca, C.R. Santillán-Rodríguez, J.A. Matutes-Aquino, S.F. Olive-Méndez*	Journal of Magnetism and Magnetic Materials	10.1016/j.jmmm.2018.12.102	Revista indizada	Holanda
69	Study of carbon-doped Mn ₃ Ga thin films with enhanced Magnetization.	2019	José T. Holguín-Momaca, Rocío M. Gutiérrez Pérez, Armando Reyes-Rojas, Francisco Espinosa-Magaña, Ricardo López Antón, Sion F. Olive-Méndez*	Intermetallics	10.1016/j.intermet.2018.10.021	Revista indizada	Holanda
70	Tuning the ferromagnetism of epitaxial-strained D019-Mn ₃ Ga thin films	2019	José T. Holguín-Momaca, Christian J. Muñoz-Carnero, Himanshu Sharma, Carlos R. Santillán-Rodríguez, José A. Matutes-Aquino, C.V. Tomy, Sion F. Olive-Méndez*	Journal of Magnetism and Magnetic Materials	https://doi.org/10.1016/j.jmmm.2018.09.100	Revista indizada	Holanda

71	Effects of Thickness and Thermal Annealing of FeCoB Thin Films on Ferromagnetic Resonance and Microwave Propagation Properties	2019	Álvaro Arteaga-Duran, Renee Sáenz-Hernandez, Carlos Santillan-Rodríguez, María Botello-Zubiate, María Grijalva-Castillo, Jose Matutes-Aquino	IEEE Transactions on Magnetics	DOI:10.1109/TMAG.2018.2872126	Revista indizada	Estados Unidos
72	Preparation of La0.7Ca0.3-xSrxMnO3 Manganites by Four Synthesis Methods and Their Influence on the Magnetic Properties and Relative Cooling Power	2019	María E Botello-Zubiate, María C Grijalva-Castillo, Daniel Soto-Parra, Renee J Sáenz-Hernández, Carlos R Santillán-Rodríguez, José A Matutes-Aquino	Materials	DOI: https://doi.org/10.3390/ma12020309	Revista indizada	Suiza
73	Fabrication and evaluation of a passive SU8-based micro direct glucose fuel cell	2019	D. Dector • J. M. Olivares-Ramírez • V. M. Ovando-Medina • A. Sosa Dominguez • A. L. Villa5 • A. Duarte-Moller • N. Sabate • J. P. Esquivel	Springer Berlin Heidelberg	https://doi.org/10.1007/s00542-018-3950-y	Revista indizada	Alemania
74	Structural and optical properties of cadmium magnesium zinc oxide (CdMgZnO) nanoparticles synthesized by sol-gel method	2019	Onyekachi Kalu, José Alberto Duarte Moller *, Armando Reyes Rojas	Physics Lett. A	https://doi.org/10.1016/j.physleta.2018.11.052	Revista indizada	Estados Unidos
75	On the Discoloration of Methylene Blue by Visible Light	2019	A. Sáenz-Trevizo, P. Pizá-Ruiz, D. Chávez-Flores, J. Ogaz-Parada, P. Amézaga-Madrid, A. Vega-Ríos, M. Miki-Yoshida	Journal of Fluorescence	https://doi.org/10.1007/s10895-018-2304-6	Revista indizada	Estados Unidos
76	Delafossite CuFeO2 thin films via aerosol assisted CVD: Synthesis and characterization	2019	P. Pizá-Ruiz, A. Sáenz-Trevizo, Y. Verde-Gómez, P. Amézaga-Madrid, M. Miki-Yoshida	Ceramics International	https://doi.org/10.1016/j.ceramint.2018.09.298	Revista indizada	Reino Unido
77	Evaluation of the novel Pd-CeO2-NR electrocatalyst supported on N-doped graphene for the Oxygen Reduction Reaction and its use in a Microbial FuelCell	2019	J.C. Carrillo-Rodríguez, S. Garcia-Mayagoitia, R. Perez-Hernandez, M.T. Ochoa-Lara, F. Espinosa-Magana, F. Fernandez-Luqueno, P. Bartolo-Perez, I.L. Alonso-Lemus, F.J. Rodríguez-Varela	Journal of Power Sources	DOI: 10.1016/j.jpowsour.2018.12.087	Revista indizada	Holanda
78	Effect of the sintering technique on the ferroelectric and d33 piezoelectric coefficients of Bi0.5(Na0.84K0.16)0.5TiO3 ceramic	2019	G. Hernandez-Cuevas, J. R. Leyva Mendoza, P. E. García-Casillas, C. A. Rodríguez González, J. F. Hernandez-Paz, G. Herrera-Pérez, L. Fuentes-Cobas, S. Díaz de la Torre, O. Raymond-Herrera, H. Camacho-Montes	Journal of Advanced Ceramics 2019	https://doi.org/10.1007/s40145-019-0314-8	Revista indizada	China

79	Effects of local distortion on the electrical properties of lead free perovskite-type electro-ceramics Ba _{1-x} CaxTi _{0.9} Zr _{0.1} O ₃	2019	G Herrera-Pérez, A Reyes-Montero, J Canche-Tello, M E Montero-Cabrera, M E Fuentes-Montero, J R Plaisier, D Eichert, A Reyes-Rojas, L E Fuentes-Cobas	Journal of Physics	https://doi.org/10.1088/1742-6596/1221/1/012005	Revista indizada	Estados Unidos
80	The Use of μ -XRF and μ -XANES in the Study of Functional Ceramics". Spectroscopy	2019	María Elena Montero-Cabrera, María E. Fuentes-Montero, Hiram Castillo-Michel, Isaí Castillo-Sandoval, Jesús Canche-Tello, and Luis E. Fuentes-Cobas	Spectroscopy	10.2174/0929866523666160108120117	Revista indizada	Egipto
81	Absence of ferromagnetism in ferroelectric Mn-doped BaTiO ₃ nanofibers	2019	- María C. Maldonado-Orozco, Martha T. Ochoa-Lara, Jesús E. Sosa-Márquez, Roberto P. Talamantes-Soto, Abel Hurtado-Macías, Ricardo López Antón, Juan A. González, José T. Holguín-Momaca, Sion F. Olive-Méndez, Francisco Espinosa-Magaña	Journal of the American Ceramic Society	DOI: 10.1111/jace.16179	Revista indizada	Estados Unidos
82	First-principles calculations and Bader analysis of oxygen-deficient induced magnetism in cubic BaTiO _{3-x} and SrTiO _{3-x}	2019	D. A. Carballo-Córdova, M. T. Ochoa-Lara, S. F. Olive-Méndez & F. Espinosa-Magaña	Philosophical Magazine	DOI: 10.1080/14786435.2018.1535722	Revista indizada	Reino Unido
83	Impact of carbon nanotubes in a CrFeMnNiTi alloy proposed as a potential candidate for stainless-steel substitution	2019	Z. Hernandez-Castro, D. Lardizabal-Gutierrez, A. Torres-Garcia, C.A. Rodriguez-Gonzalez, I. Estrada-Guel, Roberto Martínez-Sánchez, C.D. Gomez-Esparza	Materials Letters	https://doi.org/10.1016/j.matlet.2019.07.040	Revista indizada	Holanda
84	Influence of organic solvents in the Pt nanoparticle synthesis on MWCNT for the methanol oxidation reaction	2019	Carolina Silva-Carrillo, Balter Trujillo-Navarrete, Rosa María Félix-Navarro, Francisco Paraguay-Delgado, José Álvaro Chávez-Carvayar, Edgar Alonso Reynoso-Soto	Journal of Solid State Electrochemistry	https://doi.org/10.1007/s10008-018-04178-1	Revista indizada	Alemania
85	Jahn-Teller distortion effects on the transport properties of La _{0.7} Ca _{0.3} Mn _{1-x} Fe _x O ₃ perovskite NPs	2019	H. A. Martinez-Rodriguez ^{1,2} , M. H. Bocanegra-Bernal ¹ , V. Orozco-Carmona ¹ , G. Herrera-Pérez ¹ , J.A. Matutes-Aquino ¹ , J. F. Jurado ² , J. A. Duarte-Moller ³ , A. Reyes-Rojas ¹	Materials Research Express	10.1088/2053-1591/ab3027	Revista indizada	Reino Unido
86	Structure and Optical Properties of ZnO and ZnO ₂ Nanoparticles	2019	J. E. Morales-Mendoza, F. Paraguay-Delgado, J. A. Duarte-Moller, G. Herrera-Pérez	Journal of Nano Research	https://doi.org/10.4028/www.scientific.net/JNanoR.56.49	Arbitrada	Suiza

87	Parametric methodology to optimize the sizing of solar collector fields in series-parallel arrays	2019	Eduardo Venegas-Reyes, Naghelli Ortega-Avila, Norma A. Rodríguez-Muñoz, Mario Nájera-Trejo, Ignacio R. Martín-Domínguez, Jonathan Ibarra-Bahena	Processes	https://doi.org/10.3390/pr7050294	Revista indizada	Suiza
88	Energy and thermal performance of social housing: analysis of heat flow through the envelope and comparison with international schemes	2019	Claudia K. Romero-Perez, Norma A. Rodríguez-Muñoz1, Ana C. Borbon-Almada, M. Guadalupe Alpuche-Cruz, Ignacio R. Martín-Domínguez	JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS OF THE ASME	https://doi.org/10.3390/su11061586	Revista indizada	Estados Unidos
89	Simultaneous removal of fluoride and arsenic from well water by electrocoagulation	2019	López-Guzmán, M., Alarcón-Herrera, M.T., Irigoyen-Campuzano, J.R., Torres-Castañón, L.A., Reynoso-Cuevas, Liliana.*	Science of the Total Environment	doi.org/10.1016/j.scitotenv.2019.04.400	Revista indizada	Holanda
90	Arsenic distribution assessment in a residential area polluted with mining residues	2019	Carlos B. Manjarrez-Domínguez, Jesús A. Prieto-Amparán, M. Cecilia Valles-Aragón *, M. Del Rosario Delgado-Caballero, M. Teresa Alarcón-Herrera, Mirna C. Nevarez-Rodríguez, Griselda Vázquez-Quintero, Cesar A. Berzoza-Gaytan	International Journal of Environmental Research and Public Health (ISSN 1660-4601)	doi: 10.3390/ijerph16030375	Revista indizada	Suiza
91	Lead removal from aqueous solution by spherical agglomeration using an extract of Agave lechuguilla Torr. as biosurfactant	2019	Félix A Alcázar-Medina, Cynthia M Núñez-Núñez, María Dolores J Rodríguez-Rosales, Sergio Valle-Cervantes, María T Alarcón-Herrera, José B Proal Nájera, Ph. D.	Revista Mexicana de Ingeniería Química, ISSN electrónico: 2395-8472, Impact Factor = 0.812	doi.org/10.24275/rmiq/Bio491	Revista indizada	México
92	Energy and Economic Impact on the Application of Low-Cost Lightweight Materials in Economic Housing Located in Dry Climates	2019	Ana Cecilia Borbon-Almada, Norma Alejandra Rodríguez-Muñoz *, Mario Najera-Trejo	Sustainability	https://doi.org/10.3390/su11061586	Revista indizada	Suiza
93	Dynamic evaluation of the thermal performance of constructive systems to reduce the energy consumption in buildings: a case study	2019	Norma A. Rodríguez-Muñoz	Building Services Engineering Research and Technology	-	Revista indizada	Reino Unido
94	Study of the behavior of a sensitive film of Nafion before the stimulation of acetone vapors.	2019	Miguel Orozco, Giovanni Chávez, Nancy Navarro, Rocío B. Domínguez and Alfredo Márquez,	Sensors and actuators B: Chemical	-	Revista indizada	Estados Unidos

95	Space-time variation of arsenic and fluoride in groundwater in the city of Durango, Mexico	2019	Diego Armando Martínez-Cruz, María Teresa Alarcón-Herrera, Liliana Reynoso-Cuevas, Luis Arturo Torres-Castañón	Tecnología y Ciencias del Agua	-	Revista indizada	México
96	Co-occurrence, possible origin, and health-risk assessment of arsenic and fluoride in drinking water sources in Mexico: Geographical data visualization.	2019	AlarcónHerrera MT, Martín-Alarcon DA, Gutiérrez M, Reynoso Cuevas L, Martín A, Olmos Márquez MA, Bundschuh J.	Source: Science of The Total Environment	doi: 10.1016/j.scitotenv.2019.134168	Revista indizada	Holanda
97	Diseño de invernaderos asistidos con energía solar térmica para regiones climáticas de Durango y La Laguna	2019	Mario H. González1, Norma A. Rodríguez-Muñoz*2, Jorge A. Escobedo-Bretado1, C. Omar Ríos-Orozco3, Ignacio R. Martín-Domínguez1.	Revista de Energías Renovables Num 37 Pp 15-24 No. 04-2014-101414142700-203 Registro ISSN: 2395-9304	-	Arbitrada	Mexico
98	Controlling micro-porous size in TiO2 pellets processed by sol-gel and rapid liquid phase sintering	2019	Duilio Valdespino, , Gabriel Rojas-George, Juan Muñoz-Saldaña, Bárbara Moreno-Murguía, Ma. Cruz-Jáuregui	Ceramics International	https://doi.org/10.1016/j.ceramint.2019.04.154	Revista indizada	Reino Unido
99	Confined volume plasmon spatial distribution by low-loss EELS on self-assemble bismuth nanoparticles	2019	Raúl Borja-Urbya, Silvia Patricia Paredes-Carrera, HerlysViltres-Cobas, Patricia Santiago-Jacinto, FranciscoParaguay-Delgad, Guillermo Herrera-Pérez, LuisRendón-Vázquez, Jesús Carlos Sánchez-Ochoa, Damasio Morales-Cruz	<u>Journal of Electron Spectroscopy and Related Phenomena</u>	https://doi.org/10.1016/j.elspec.2019.146891	Revista indizada	Holanda
100	Identification of the hydrogeochemical processes and assessment of groundwater quality using multivariate statistical approaches and water quality index in a wastewater irrigated region.	2019	Ana Elizabeth Marín Celestino, José Alfredo Ramos Leal, Diego Armando Martínez Cruz, José Tuxpan Vargas, Josue De Lara Bashulto and Janete Morán Ramírez.	Water	https://doi.org/10.3390/w11081702	Revista indizada	Suiza
101	Grain growth kinetics and magnetic properties of a vanadium-doped ZnO dilute	2019	Sion F. Olive-Méndez,*, Ricardo López Antón, José T. Holguín-Momaca	Ceramics International		Revista indizada	UK
102	Characterization of Rhodamine 110 adsorbed on carbon-based electrospun nanofibers decorated with gold nanoparticles by Raman spectroscopy and SERS	2019	Fabiola Armenta-Monzan, Iris Aguilar-Hernández, Alejandra García-García, Sunshine Holmberg, Eduardo Pisano, Gesuri Morales-Luna, Manuel García-Méndez and Nancy Ornelas-Soto	Materials Research Express F.I. 1.33 Q3		Revista indizada	UK

103	Conceptual DFT as a Novel Chemoinformatics Tool for Studying the Chemical Reactivity Properties of the Amatoxin Family of Fungal Peptides	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Open Chemistry		Revista indizada	PL
104	Theoretical Study of the Effect of Different π -Bridges Including an Azomethine Novel Group in Triphenylamine Based Dye for Dye-Sensitized Solar Cells	2019	Tomas Delgado-Montiel, Rody Soto-Rojo, Jesus Baldenebro-López and Daniel Glossman-Mitnik	Molecules	-	Revista indizada	CH
105	Computational Study of the Chemical Reactivity and Bioactivity Rates of Marine Peptides Hemiasterlin and its A and B Derivatives Used in the Cancer Treatment through Conceptual Density Functional Theory	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Computational Molecular Bioscience	-	Revista indizada	US
106	Spray Drying of Blueberry Juice-Maltodextrin Mixtures: Evaluation of Processing Conditions on Content of Resveratrol	2019	Cesar Leyva-Porras, Maria Zenaida Saavedra-Leos, Elsa Cervantes-Gonzalez, Patricia Aguirre-Bañuelos, Macrina B. Silva-Cazarez and Claudia Alvarez-Salas	Antioxidants	-	Revista indizada	CH
107	Calculation of the Global and Local Conceptual DFT Indices for the Prediction of the Chemical Reactivity Properties of the Papuamides A-F Marine Drugs	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Molecules	-	Revista indizada	CH
108	Effect of molybdenum content on the morphology and electronic characteristics of Pd π MoO π nanomaterials and activity evaluation for ethylene glycol electro π oxidation ISSN: 0169-4332	2019	Oscar Ambriz-Pelaez, Sergio Duran, Amelia Olivas, Ricardo Valdez, Luis Gerardo Arriaga, Lorena Alvarez-Contreras, Minerva Guerra-Balcazar, Noe Arjona	Applied Surface Science Fl: 5.155	-	Revista indizada	DK
109	Polycrystal piezoelectricity: revisiting the Voigt-Reuss-Hill approximation	2019	Edgar E. Villalobos Portillo, Luis Fuentes Montero, Maria E. Montero Cabrera, Diana C. Burciaga Valencia, Luis E. Fuentes Cobas	Material Research Express	-	Revista indizada	UK
110	Chemical Reactivity Properties, Drug-Likeness and Bioactivity Scores of the Seragamides A-F Anticancer Marine Peptides: The Conceptual DFT Viewpoint	2019	Norma Flores-Holguin, Juan Frau and Daniel Glossman-Mitnik	Computation	-	Revista indizada	CH

111	Conceptual Peptidology Based on Conceptual DFT for the Study of the Chemical	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Heliyon	-	Revista indizada	UK
112	Functionalizing reduced Graphene Oxide with Ru-organometallic compounds as an effective strategy to produce of high-performance Pt nanocatalysts for the Methanol Oxidation Reaction	2019	A.A. Siller-Ceniceros; M.E. Sánchez-Castro; D. Morales-Acosta; J.R. Torres-Lubian; E. Martínez G.; F.J. Rodríguez-Varela	ChemElectroChem F.I.4.446	-	Revista indizada	*
113	CDFT-based Reactivity Descriptors as a Useful MEDT Chemoinformatics Tool for the Study of the Virotoxin Family of Fungal Peptides	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Molecules	-	Revista indizada	CH
114	Effect of the thermal annealing on the structural, morphological and photoluminescent properties of ZnO/Si multilayers	2019	R. Ambrosio, F. Galindo, F. Morales Morales, M. Moreno, A. Torres, M.A. Vasquez-A, S.A. Pérez García, A. Morales Sánchez	Optical Materials	-	Revista indizada	NL
115	High performance of Pd and PdAg with well-defined facets in direct ethylene glycol microfluidic fuel cells ISSN: 0013-4686	2019	Andres Lopez Coronel, Euth Ortiz Ortega, Luis Torres Pacheco, Minerva Guerra Balcazar, Luis Gerardo Arriaga, Lorena AlvarezContreras, Noe Arjona	Electrochimica	-	Revista indizada	UK
116	Metal sulfate decomposition using green Pd-based catalysts supported on γ -Al ₂ O ₃ and SiC: A common step in sulfur-family thermochemical cycles	2019	Oliver Soto-Díaz, Raul E. Orozco-Mena, Manuel Román-Aguirre, Bernardo Romero-Paredes, Alejandro A. Camacho-Dávila, Víctor H. Ramos-Sánchez	Hydrogen Energy	https://doi.org/10.1016/j.ijhydene.2018.08.045	Revista indizada	*
117	Tribological assessment of partially sulfidated molybdenum oxide	2019	Carlos Ornelas, Francisco Paraguay Delgado, Javier Lara-Romero	Journal of Materials Research and Technology	https://doi.org/10.1016/j.jmrt.2019.06.005	Revista indizada	*
118	CdTe Quantum Dots Modified with Cysteamine: A New Efficient Nanosensor for the Determination of Folic Acid	2019	Doris E. Ramírez-Herrera, Ana Patricia Reyes-Cruzaley, Giselle Domínguez, Francisco Paraguay-Delgado, Antonio Tirado-Guizar and Georgina Pina-Luis *	Sensors	https://doi.org/10.3390/s19204548	Revista indizada	US

119	Antimicrobial and Substantivity Properties of Silver Nanoparticles against Oral Microbiomes Clinically Isolated from Young and Young-Adult Patients	2019	León Francisco Espinosa-Cristóbal, Carolina Holguín-Meráz, Erasto Armando Zaragoza-Contreras, Rita Elizabeth Martínez-Martínez, Alejandro Donohue-Cornejo, Juan Pablo Loyola-Rodríguez, Juan Carlos Cuevas-González, and Simón Yobanny Reyes-López	Journal of Nanomaterials	https://doi.org/10.1155/2019/3205971	Revista indizada	US
120	Filament Extrusion and Its 3D Printing of Poly (Lactic Acid)/Poly (Styrene-co-Methyl Methacrylate) Blends	2019	LE Solorio-Rodríguez, A Vega-Rios	Applied Sciences	https://doi.org/10.3390/app9235153	Revista indizada	CH
121	Influence of iota-carrageenan on the morphology and electrical properties of poly(ortho-phenylenediamine) based copolymers	2019	Jorge L.Olmedo-MartínezAlejandroVega-RiosE.Armando Zaragoza-Contreras	Synthetic Metals	https://doi.org/10.1016/j.synthmet.2019.116192	Revista indizada	NL
122	Identification of the Hydrogeochemical Processes and Assessment of Groundwater Quality, Using Multivariate Statistical Approaches and Water Quality Index in a Wastewater Irrigated Region	2019	Ana Elizabeth Marín Celestino, José Alfredo Ramos Leal , Diego Armando Martínez Cruz, José Tuxpan Vargas , Josue De Lara Bashulto and Janete Morín Ramírez	Water	-	Revista indizada	CH
123	Synthesis of Gold Nanoshells with Plasmon Resonance Tuned to the Infrared Region of the Electromagnetic Spectrum	2019	R. Ruvalcaba-Ontiveros, H. Esparza-Ponce, A. Carrasco-Hernandez, C. D. Gómez-Esparza, E. Orrantia-Borunda, J. G. Murillo-Ramirez, A. Duarte-Moller, J. M. Olivares-Ramirez	WSEAS Transactions on Biology and Biomedicine, ISSN / E-ISSN: 1109-9518 / 2224-2902, Volume 16, 2019, Art. #5, pp. 37-48	-	Revista indizada	GR
124	ADSORCION DE AZUL DE METILENO USANDO UN OXIDO DE GRAFENO PURIFICADO	2019	Carlos Zamora, Adriana J. Sosa, Tomas Lozano, Ricardo Garcia, Aarónn Melo, Sergio Robles,Ulises Paramo, Luisiana Morales-Zamudio, Erika Lopez, Sergio Flores, Carlos A. Guerrero, Jorge Luna, Rodolfo Barragan	QUIMICA HOY	-	Arbitrada	MX
125	Analysis of a greenhouse thermal performance using dynamic simulations	2019	Juan Carlos Barragán-Medrano, Norma Alejandra Rodríguez Muñoz, Mario Najera-Trejo, Jorge Alberto Escobedo-Bretado, Ignacio Ramiro Martín-Domínguez, Eduardo Venegas-Reyes, Naghelli Ortega-Ávila	Revista Acta Universitaria	-	Arbitrada	MX
126	Doping effects on the response of thin film ZnO gas sensor to ethanol vapour	2019	F. Paraguay D and M. Miki-Yoshida, J. Morales, J. Solis, and W. Estrada L.	Superficies y Vacío	-	Arbitrada	MX

127	Treated wastewater viability of use in green areas according to nitrogen compounds concentration	2019	David Sanchez Navarro, Carmen Julia Navarro Gómez, Marusia Rentería-Villalobos y Eduardo F. Herrera Peraza.	Water Practice & Technology May 2019	DOI: 10.2166/wpt.2019.035	Arbitrada	UK
128	Effect of different initial C/N ratio of cow manure and straw on microbial quality of compost	2019	M. A. Macias-Corral, J. A. Cueto-Wong, J. Morón-Martínez & L. Reynoso-Cuevas	International Journal of Recycling of Organic Waste in Agriculture	-	Arbitrada	*
129	Synthesis conditions effect on the of photocatalytic properties of MnWO ₄ for hydrogen production by water splitting	2019	M.G.Joaquín-Morales, A.F.Fuentes, S.M.Montemayor, M.J.Meléndez-Zaragoza, J.M. Salinas Gutiérrez, A. LópezOrtiz, V.Collins-Martínez	International Journal of Hydrogen Energy	-	Revista indizada	NL
130	Electrocatalytic promotion of Pt nanoparticles by incorporation of Ni(OH) ₂ for glycerol electro-oxidation: analysis of activity and reaction pathway. Online ISSN:2199-692X	2019	Isaac Velázquez-Hernández, Mercedes T. Oropeza-Guzmán, Minerva Guerra-Balcázar, Lorena Álvarez-Contreras, and N Arjona	CHEMISTRY OF NANOMATERIALS FOR ENERGY, BIOLOGY AND MORE, CHEMNANOMAT, FI: 3.173	-	Revista indizada	DK
131	Synthesis, characterization and photocatalytic evaluation of potassium hexatitanate (K ₂ Ti ₆ O ₁₃) fibers	2019	M.A. Escobedo Bretado, M.A. González Lozano, V. Collins Martínez, A. Lopez Ortiz, M. Meléndez Zaragoza, R.H. Lara, C.U. Moreno Medina	International Journal of Hydrogen Energy	-	Revista indizada	NL
132	Study of NiFe ₂ O ₄ nanoparticles optical properties by a six-flux radiation model towards the photocatalytic hydrogen production	2019	J.L.Domínguez-Arvizu, J. A.Jiménez-Miramontes, J.M.Salinas-Gutiérrez, M.J.Melendez-Zaragoza, A.López-Ortiz, V.Collins-Martínez	International Journal of Hydrogen Energy	-	Revista indizada	NL
133	From Concentrated Dispersion to Solid ?-Cyclodextrin Polymer-Capped Silver Nanoparticle Formulation: A Trojan Horse Against Escherichia coli	2019	Rudy Martín-Trasanco, Giovanna Anziani-Ostuni, Hilda Esperanza Esparza-Ponce, Pedro Ortiz, María E. Montero-Cabrera, Diego P. Oyarzn, Cesar Zuñiga, JoséManuel Pérez-Donoso, Guadalupe del C. Pizarro, and Ramiro Arratia-Pérez	Chemistry Select	-	Revista indizada	Us
134	Improvement of Physical and Mechanical Properties on bio-polymer matrix composites using morphed graphene	2019	O. Velazquez-Meraz, J. E. Ledezma-Sillas, C. Carreño-Gallardo, W. Yang, N. M. Chaudhari, H. A. Calderon, I. Rusakova, F. C. Robles Hernandez, J. M. Herrera Ramirez	Composites Science and Technology Vol.184, pp. 107836 (2019)	-	Revista indizada	UK

135	Tamoxifen-Loaded Nanodiamonds as a Potential Nanosystem for Drug Delivery to Breast Cancer Cells	2019	Loya-Rivera Mario, Garcia-Ruiz Sara C., Flores-Holguín, Norma, Orrantia-Borunda Erasmo, Chávez-Flores David, Luna-Velasco Antonia	Nanoscience and Nanotechnology Letters	-	Revista indizada	US
136	POTENCIAL DE RESIDUOS INDUSTRIALES GENERADOS EN CIUDAD JUÁREZ, CHIHUAHUA, MÉXICO, COMO COMBUSTIBLES ALTERNOS EN UN HORNO CEMENTERO	2019	Antonia LUNA VELASCO, Luis Armando LOZOYA MÁRQUEZ y Guillermo GONZÁLEZ SÁNCHEZ	Revista Internacional de Contaminación Ambiental	-	Revista indizada	MX
137	Fast-response flow-based method for evaluating 131I from biological and hospital waste samples exploiting liquid scintillation detection	2019	Donagi Esparza, Manuel Valiente, Antoni Borrs, Marina Villar, Luz O. Leal, Fernando Vega, Víctor Cerda, Laura Ferrer	Talanta. ISSN: 0039-9140	-	Revista indizada	US
138	Effect of Terbium doping on the Microstructure of Fe81Al19 Alloys	2019	Jesús Salvador Uribe-Chavira, Carlos Roberto Santillán-Rodríguez, Renee Joselin Sáenz-Hernández, Guillermo Manuel Herrera-Pérez, José Andres Matutes-Aquino, María Cristina Grijalva-Castillo.	Microscopy and Microanalysis	https://doi.org/10.1017/S1431927619004781	Revista indizada	UK
139	Mechanical and tribological properties of nanostructured TiAlN/TaN coatings deposited by DC magnetron sputtering	2019	Elbert Enrique Contreras Romero; Abel Hurtado; Juan Méndez; Oscar Solís; Maryory Gómez	Surface & Coatings Technology	-	Revista indizada	US
140	Synthesis and Characterization of Segmented Poly(ester-urethane)s (PEUs) Containing Carotenoids	2019	Eloy Rodríguez-DeLeen, Bah Moustapha, Jose Oscar Carlos Jimenez-Halla, JOSE BONILLA-CRUZ, M Estevez and José Eduardo Bez-García	Polymer Chemistry	-	Revista indizada	UK
141	Energy Generation from Pharmaceutical Residual Water in Microbial Fuel Cells Using Ordered Mesoporous Carbon and Bacillus subtilis as Bioanode	2019	S. Garcia-Mayagoitia a, F. Fernández-Luqueño a, D. Morales-Acosta b, J.C.Carrillo-Rodríguez a, M.A. Garcia-Lobato c, L. de la Torre-Saenz d, I.L. Alonso Lemus e, F.J. Rodríguez-Varela	ACS Sustainable Chemistry & Engineering	-	Revista indizada	US
142	Magnetic Force Microscopy Study of Multiscale Ion-Implanted Platinum in Silica Glass, Recorded by an Ultrafast Two-Wave Mixing Configuration	2019	David Torres-Torres* , Jhovani Bornacelli, Oscar Vega-Becerra, Andres M. Garay-Tapia, Francisco S. Aguirre-Tostado, Carlos Torres-Torres and Alicia Oliver.	Microscopy and Microanalysis - Q1 - F.I. 2.67	-	Revista indizada	UK

143	Experimental and Numerical Analyses of the Consolidation Process of AA 7075?2 wt.% ZrO2 Powders by Equal Channel Angular Pressing	2019	S.E. Hernández-Martínez, J.J. Cruz-Rivera, C.G. Garay-Reyes, and J.L. Hernández-Rivera.	Journal of Materials Engineering and Performance	-	Revista indizada	US
144	Sulphur-doped Ordered Mesoporous Carbon Hollow Spheres with High Catalytic Activity for the Oxygen Reduction Reaction and Exceptional Electrochemical Stability	2019	J.C. Carrillo-Rodríguez, I.L. Alonso-Lemus,* , L. de la Torre-Sáenz, B. Escobar- Morales, A.M. Garay-Tapiae and F.J. Rodríguez-Varela	ECS Transactions	-	Revista indizada	US
145	Finite element simulation based-on atomic force microscopy and nanoindentation for spruce wood microstructure analysis	2019	David Torres Torres, Jesus A. Torres, Alejandra García García	Microscopy Research and Technique	-	Revista indizada	US
146	Application of differential scanning calorimetry (DSC) and modulated differential scanning calorimetry (MDSC) in food and drug industries	2019	César C. Leyva-Porras, Pedro Cruz Alcantar, Vicente Espinosa Solís, Eduardo Martínez Guerra, Claudia I. Piñón- Balderrama, Isaac Campean Martínez, Maria Zenaida Saavedra-Leos	Polymers	-	Revista indizada	CH
147	Fractionation of chemical species in surface water from El Granero reservoir, Chihuahua, Mexico	2019	Z. K. Ortiz Caballero M. Rentería Villalobos M. E. Montero?Cabrera G. Manjín Collado E. Santellano Estrada A. RenteríaMonterrubio	Environmental Earth Sciences	-	Revista indizada	DE
148	Effects of irradiation energy and nanoparticle concentrations on the structure and morphology of laser sintered magnesia with alumina and iron oxide nanoparticles	2019	L.V. García-Quiñonez, M.I. Mendivil-Palma, T.K. Das Roy, G.A. Castillo-Rodríguez, C. Gómez-Rodríguezc, Fernández-González, S. Shaji	Ceramics International	-	Revista indizada	NL
149	Antimicrobial activity of chitosan composites against bacterial strains isolated from goat meat and cheese.	2019	Cruz, G. J. F., Rimaycuna, J., Alfaro, R., Tripul, V. S., Solís, R. L., Gómez, M. M., ... & Solís, J. L	Journal of Physics: Conference Series	-	Revista indizada	US
150	Aqueous-phase synthesis of nanoparticles of copper/copper oxides and their antifungal effect against Fusarium oxysporum.	2019	Hermida-Montero, L. A., Pariona, N., Mtz-Enriquez, A. I., Carrión, G., Paraguay-Delgado, F., & Rosas-Saito, G	Journal of hazardous materials,	-	Revista indizada	US

151	Admix of Cu ₂ ZnSnS ₄ and ZnS as thin film to absorb visible light.	2019	Rodríguez-Valencia, J. M., Adendago-Guin, S. H., Rojas-Blanco, L., Pérez-Hernández, G., Sarracino-Martínez, O., Zamudio-Torres, I., ... & Morales, E. R.	Journal of Materials Science: Materials in Electronics	-	Revista indizada	US
152	Shape-dependent antifungal activity of ZnO particles against phytopathogenic fungi.	2019	Pariona, N., Paraguay-Delgado, F., Basurto-Cereceda, S., Morales-Mendoza, J. E., Hermida-Montero, L. A., & Mtz-Enríquez, A. I.	Applied Nanoscience	-	Revista indizada	US
153	Green-synthesized copper nanoparticles as a potential antifungal against plant pathogens	2019	Pariona, N., Mtz-Enríquez, A. I., Sánchez-Rangel, D., Carrión, G., Paraguay-Delgado, F., & Rosas-Saito, G.	RSC Advances	-	Revista indizada	US
154	Structural, optical, and photoluminescence properties of erbium doped TiO ₂ films	2019	Pérez, J. B., Courel, M., Valderrama, R. C., Hernández, I., Pal, M., Delgado, F. P., & Mathews, N. R.	Vacuum	-	Revista indizada	US
155	Nanoflakes of zinc oxide:cobalt oxide composites by pulsed laser fragmentation for visible light photocatalysis	2019	Sreed S. Kanakillam, S. Shaji, B. Krishnan, S. Vazquez-Rodríguez, J.A. Aguilar Martínez, M.I. Mendivil Palma, D.A. Avellaneda	Applied Surface Science	-	Revista indizada	NL
156	Ultrasonic dispersion and activation of TiO ₂ nanoparticles and its effect on bacterial inhibition in EVA films	2019	Anayansi Estrada-Monje, Roberto Zitzumbo-Guzmán, Jennifer A. Bañuelos-Díaz, E. Armando Zaragoza-Contreras	Materials Chemistry and Physics	-	Revista indizada	NL
157	Microscopy and Spectroscopy Characterization of Carbon Nanotubes Grown at Different Temperatures Using Cyclohexanol as Carbon Source	2019	Elsa G. Ordoñez Casanova, Héctor A. Trejo Mandujano, and Manuel Román Aguirre	Journal of Spectroscopy	-	Revista indizada	*
158	A new application of recycled-PET/PAN composite nanofibers to cementbased materials	2019	Manuel J. Chinchillas-Chinchillas, Alberto Gaxiola, Clemente G. Alvarado-Beltrán, Víctor M. Orozco-Carmona, Manuel J. Pellegrini-Cervantes, Margarita Rodríguez-Rodríguez, Andrés Castro-Beltrán	Journal of Cleaner Production	-	Revista indizada	US

159	Seasonal variation and chemical composition of particulate matter: A study by XPS, ICP-AES and sequential microanalysis using Raman with SEM/EDS	2019	Lucy T. González, F. E. Longoria Rodríguez, M. Sánchez-Domínguez, C. Leyva-Porras, Karim Acuña Askard, Boris I. Kharissov, J. Alejandro Arizpe-Zapata, J. M. Alfaro Barbos	Journal of Environmental Sciences	-	Revista indizada	US
160	BIOFOULING PERFORMANCE OF RO MEMBRANES COATED WITH IRON NPS ON GRAPHENE OXIDE	2019	M.M. Armendariz-Ontiveros, A. García García, S. de los Santos Villalobos, G.A. Fimbres Weihs	DESALINATION	-	Revista indizada	NL
161	Enhanced elastic behavior of all-carbon composites reinforced by insitu synthesized morphed graphene	2019	H.A. Calderon, F. Alvarez Ramirez, D. Barber, V.G. Hadjiev, A. Okonkwo, R. Ordonez Olivares, I. Estrada Guel, F.C. Robles Hernandez	Carbon	-	Revista indizada	NL
162	Electrochemical Hydrogen Evolution over Hydrothermally Synthesized Re-Doped MoS ₂ Flower-Like Microspheres	2019	Juan Aliaga, Pablo Vera, Juan Araya, Luis Ballesteros, Julio Urzúa, Mario Farías, Francisco Paraguay-Delgado, Gabriel Alonso-Núñez, Guillermo González and Eglantina Benavente	Molecules	-	Revista indizada	US
163	FOTOCATALISIS HETEROGENEA PARA LA REMOCION DE ANTIMONIO (Sb) EN AGUA UTILIZANDO DIÓXIDO DE TITANIO (TiO ₂) COMO CATALIZADOR	2019	Idalia Orrantia, Damaris Acosta, Luis Salinas, Guillermo González, Luis Lozoya	La Revista Internacional de Contaminación Ambiental	-	Revista indizada	MX
164	Angular dependence of the optical reflectance in two-dimensional Si-ZnO photonic crystals	2019	J G Murillo, V. M. Carrillo-Vázquez, Víctor Castillo Gallardo, Miguel Ángel Tellez Villaseñor, Héctor Pérez Aguilar, José Antonio Medina-Vázquez, Evelyn Yamel González Ramírez, G. Herrera, and A. Duarte-Moller	Journal of Physics: Conf. Series 1221 (2019) 012042	-	Revista indizada	UK
165	Blue shift effect on the reflectance in two-dimensional Si-ZnO photonic structure with patterned coupled optical micro-cavities	2019	J A Medina Vázquez, E Y González Ramírez, J G Murillo-Ramírez, V M Carrillo-Vázquez, G Herrera, A Duarte-Moller	Journal of Physics: Conf. Series 1221 (2019) 012014	doi:10.1088/1742-6596/1221/1/012014	Revista indizada	UK
166	Antitumor activity of a hydrogel loaded with lipophilic bismuth nanoparticles on cervical, prostate, and colon human cancer cells	2019	Cabral-Romero , Solís-Soto , Sánchez-Pérez , Pineda-Aguilar , Meester , Pérez-Carrillo, Nakagoshi-Cepeda , Sánchez-Nájera , Nakagoshi-Cepeda , Hernandez-Delgadillo R1, Chellam S6, García-Cuellar	Anti-Cancer Drugs	-	Revista indizada	US

167	Synthesis of silver nanoparticles using a Mentha spicata extract and evaluation of its anticancer and cytotoxic activity	2019	Yuridia Torres-Martínez, Eder Arredondo-Espinoza, Carlos Puente, Omar González-Santiago, Nayely Pineda-Aguilar, Isaías Balderas-Rentería, Israel López and Mónica A. Ramírez-Cabrera	PeerJ	-	Revista indizada	US
168	Low-temperature multiple-effect desalination/organic Rankine cycle system with a novel integration for fresh water and electrical energy production	2019	J.A. Aguilar-Jiménez, N. Velázquez, R. López-Zavala, R. Beltrán, L. Hernández-Callejo, L.A. González-Urbe, V. Alonso-Gómez	DESALINATION	-	Revista indizada	UK
169	A proposal based on quantum phenomena for the ORR mechanism on nitrogen-doped carbon-based electrocatalysts	2019	A Legarreta-Mendoza, N Flores-Holguin, D Lardizabal-Gutiérrez	International Journal of Hydrogen Energy	-	Revista indizada	US
170	Simulation of a Solar-Assisted Air-Conditioning System Applied to a Remote School	2019	Jesús Armando Aguilar-Jiménez, Nicolás Velázquez, Ricardo López-Zavala, Luis A. González-Urbe, Ricardo Beltrán, Luis Hernández-Callejo	Applied Sciences	-	Revista indizada	CH
171	Design and Analysis of the Domestic Micro-Cogeneration Potential for an ORC System Adapted to a Solar Domestic Hot Water System	2019	Daniel Leal-Chavez, Ricardo Beltran-Chacon, Paola Cardenas-Terrazas, Sail Islas, Nicolás Velázquez	Entropy	-	Revista indizada	CH
172	Antimicrobial potential of bismuth lipophilic nanoparticles embedded into chitosan-based membrane	2019	Marco Antonio MARTINEZ-MARTINEZ, Rene HERNANDEZ-DELGADILLO, Bilal Saad ABADA, Nayely PINEDA-AGUILAR, Juan Manuel SOLÍS-SOTO, María Argelia Akemi NAKAGOSHI-CEPEDA, Sergio Eduardo NAKAGOSHI-CEPEDA, Shankararaman CHELLAM, Rosa Isela SÁNCHEZ-NÁJERA and Claudio CABRAL-ROMERO	Dental Materials Journal	-	Revista indizada	JP
173	Anti-inflammatory and antimicrobial activity of bioactive hydroxyapatite/ silver nanocomposites	2019	Juan J Martínez-Sanmiguel, Diana G Zarate-Triviño, Rene Hernandez-Delgadillo, Astrid L Giraldo-Betancur, Nayely Pineda-Aguilar, Sergio A Galindo-Rodríguez, Moisés A Franco-Molina, Sara P Hernández-Martínez and Cristina Rodríguez-Padilla	Journal of Biomaterials Applications	-	Revista indizada	US
174	Amine adduct with tin (II) chloride: Synthesis, molecular structure characterization, and DFT computational studies	2019	Marisol Ibarra-Rodríguez Blanca M. Muñoz-Flores H.V. Rasika Dias Irán F. Hernández-Ahuactzi Mario Sánchez Víctor M. Jiménez-Perez	Arabian Journal of Chemistry	-	Revista indizada	SA

175	Unexpected reactivity of ??GaI? towards N,N0-diaryl-b-diketimate tin(II) chloride: Synthesis, X-ray diffraction analysis and DFT studies	2019	Marisol Ibarra-Rodríguez Víctor M. Jiménez-erez Blanca M. Muñoz-Flores Noemi Waksman Rosalba Ramirez Mario Sánchez Iran F. Hernández-Ahuactzi	Arabian Journal of Chemistry	-	Revista indizada	SA
176	Fluorescent molecular rotors (FMRs) of organoboron derived from Schi? bases and their multi-stimuli responsive	2019	Marisol Ibarra-Rodríguez Blanca M. Muñoz-Flores Rodrigo Chan-Navarro Noem Waksman Alma Saucedo-Yañez Mario Sánchez Víctor M. Jiménez-Pérez	Optical Materials	-	Revista indizada	UK
177	Organoboron Schiff bases as cell?staining fluorescent probes: Synthesis, Chemio?photophysical characterization, DFT, and X?ray structures	2019	Marisol Ibarra Rodríguez Blanca M. Muñoz Flores Alberto GómezTreviño Rodrigo Chan Navarro Jessica C. Berrones Reyes Arturo Chávez Reyes H.V. Rasika Dias Mario Sánchez Vázquez Víctor M. Jiménez Pérez	Applied Organometallic Chemistry	-	Revista indizada	UK
178	Synthesis, Characterization, X-Ray Structure, and Conformation DFT Calculation of a Carbohydraide Derivative	2019	Marisol Ibarra Rodríguez Blanca M. Muñoz Flores Jesús Lara Cerón Rosa Santillan María E. Ochoa Mario Sánchez Víctor M. Jiménez Pérez	Journal of Chemical Crystallography	-	Revista indizada	UK
179	COMPARACIÓN DE UN BIORREACTOR CON MEMBRANAS SUMERGIDAS CON UN SISTEMA CONVENCIONAL DE LODOS ACTIVADOS PARA EL TRATAMIENTO DE AGUAS RESIDUALES	2019	Miriam Gabriela Flores Granados, German Cuevas Rodríguez, Guillermo Gonzalez Sanchez	Revista Internacional de CONTAMINACION Ambiental	-	Revista indizada	MX
180	DETERMINACIÓN ESPECTROFOTOMÉTRICA DE ESPECIES INORGÁNICAS ARSENICALES (III) Y (V) EN AGUA USANDO EL MÉTODO DEL AZUL DE MOLIBDENO.	2019	Mario César Corral-Escárcega, Eduardo Rodríguez de San Miguel-Guerrero, Josefina de Gyves Marciniak, Guillermo González Sánchez, María de Lourdes Ballinas-Casarrubias	Revista Internacional de CONTAMINACION Ambiental	-	Revista indizada	MX
181	Converting chicken manure into highly active N?P co-doped metal-free biocarbon electrocatalysts: effect of chemical treatment on their catalytic activity for the ORR	2019	I. L. Alonso-Lemus, * M. Z. Figueroa-Torres, D. Lardizabal-Gut?errez, P. Bartolo-Perez, J. C. Carrillo-Rodr?guez and F. J. Rodr?guez-Varela	Sustainable Energy & Fuels	-	Revista indizada	UK
182	Half-cycle growth of Cu2ZnSnS4 thin films by successive ionic layer adsorption and reaction method: Initial growth mechanism	2019	R Garza-Hernández, S Lugo-Loredo, FS Aguirre-Tostado	Thin Solid Films - Q2 - F.I. 1.89	-	Revista indizada	CH

183	Highly Active Pd-CeO 2-NR /C (Cerium Oxide Nanorods) Bifunctional Nanocatalysts with Remarkable Stability for the Ethanol Oxidation and Oxygen Reduction Reactions in Alkaline Media	2019	P.C. Melndez-González , M.E. Sánchez-Castro , I.L. Alonso-Lemus , R. Pérez Hernández , B. Escobar-Morales, A.M. Garay-Tapia , F.J. Rodríguez-Varela*	ECS Transactions	-	Revista indizada	US
184	On the stability of Cu x Te polytypes: phase transitions, vibrational and electronic properties	2019	A H Barajas-Aguilar, S J Jiménez Sandoval and Andrés M Garay-Tapia	Journal of Physics: Condensed Matter	-	Revista indizada	US
185	Synthesis of Pd-Fe3O4 nanoparticles varying the stabilizing agent and additive and their effect on the ethanol electro-oxidation in alkaline media. ISSN: 1572-6657	2019	H. Rivera-González, L. Torres-Pacheco, L. Álvarez-Contreras, A. Olivas, M. Guerra-Balcazar, R. Valdez, N. Arjona	Journal of Electroanalytical Chemistry F.I. 3.235	-	Revista indizada	NL
186	A hybrid thermal diode based on phase transition materials	2019	A. Leon-Gil, J. J. Martinez-Flores, and J. Alvarez-Quintana*	Journal of Materials Science	-	Revista indizada	CH
187	Impact of silicate contaminants on tribological and thermal transport performance of greases	2019	Taha-Tijerina, L. Peña-Paras, M. Tovar-Padilla, J. Alvarez-Quintana, and D. Maldonado-Cortes*	Wear	-	Revista indizada	CH
188	Computational Prediction of the Chemical Reactivity Properties of the Anticancer Marine Drugs Soblidotin and Tasidotin by Means of Conceptual DFT	2019	Juan Frau, Norma Flores-Holguín and Daniel Glossman-Mitnik	Molecules	-	Revista indizada	CH
189	Computational Prediction of the Chemical Reactivity Properties, AGEs Inhibition Abilities and Bioactivity Scores of the Antineoplastic Elisidepsin and Plitidepsin Marine Drugs through the Calculation of Global and Local Conceptual DFT Descriptors	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Medicinal Chemistry	-	Revista indizada	US
190	The effect of solar reflectance, infrared emissivity, and thermal insulation of roofs on the annual energy consumption of single-family households in México	2019	Lucero-Álvarez, Jorge; Martin-Dominguez, Ignacio Ramiro	Indoor and built environment	-	Revista indizada	UK

191	Effect of Surfactant in Particle Shape and Thermal Degradation of Eggshell particles	2019	Diana Samantha Villarreal-Lucio, Jose Luis Rivera Armenta, Iván Alziri Estrada Moreno, Ricardo García-Alamilla	Materials Research Ibero-american Journal of Materials	-	Revista indizada	BR
192	Computational Peptidology Assisted by Conceptual DFT for the Study of Five New Antifungal Tripeptides	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	ACS Omega	-	Revista indizada	US
193	Chitosan-bioglass coatings on Ti6Al4V partially anodized alloy for biomedical applications	2019	Ever Estrada-Cabrera, MSc; Luis R Torres-Ferrer, MSc; Octavio G Aztatzi-Aguilar, PhD; Andrea G De Vizcaya-Ruiz, PhD; Marco A Meraz-Rios, PhD; Diana G Zarate-Triviño, PhD; Ana M Arizmendi-Morquecho, PhD; Evgeny Prokhorov, PhD, Gabriel Luna-Barcenas	Surface and Coatings Technology ISSN: 0257-8972	-	Revista indizada	UK
194	One-step synthesis and photocatalytic behavior for H ₂ production from water of ZnS/MoS ₂ hybrid material	2019	Enrique Samaniego, Luis Lartundo-Rojas, Alejandra García-García, HA Calderón, Angeles Mantilla	Catalysis Today - Q1	-	Revista indizada	NL
195	Structural analysis of molybdenum disulfide 3D micropylramids	2019	Enrique Samaniego, Jesus Velázquez-Salazar, Ruben Mendoza-Cruz, Lourdes Bazán-Díaz, Jose E Ortega, German Plascencia -Villa, Josefina Arellano-Jiménez, Alejandra Garcia-Garcia, Javier F Willars-Rodríguez, Juan F Perez-Robles, Sarai E Favela-Camacho, Miguel Jose-Yacaman	Microscopy and Microanalysis - Q2	-	Revista indizada	UK
196	Chemical Reactivity Properties, Solubilities and Bioactivity Scores of Some Pigments Derived from Carotenoids of Marine Origin through Conceptual DFT Descriptors	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	Journal of Chemistry	-	Revista indizada	US
197	Luminescent Si quantum dots in flexible and semitransparent membranes for photon down converting material	2019	F Morales-Morales, L Palacios, SA Cabañas-Tay, A Coyopol and A. Morales Sánchez*	Optical Materials	-	Revista indizada	NL
198	Composite materials based henequen fiber as a thermal barrier in the automotive sector	2019	uan Manuel Olivares Ramírez, Andrés Dector, Alberto Duarte-Muller, David Ortega Díaz, Diana Dector, José Antonio Cano López, Ruth Rangel Martínez, JOSE DE JESUS PEREZ BUENO, Alejandro Castañeda Miranda, and Felipe Samuel Tovar-Pacheco	Advanced Materials Science and Engineering	-	Revista indizada	US

199	Tuning the luminescence of nitrogen-doped graphene quantum dots synthesized by pulsed laser ablation in liquid and their use as a selective photoluminescence on/off probe for ascorbic acid detection	2019	I.C.Novoa-De León, J.Johny, S.Vázquez-Rodríguez, N.García-Gómez, S.Carranza-Bernal, I.Mendivil, S.Shaji, S.Sepúlveda-Guzmán	Carbon	-	Revista indizada	NL
200	Conceptual DFT as a Chemoinformatics Tool for the Study of the Taltobulin Anticancer Peptide	2019	Norma Flores-Holguín, Juan Frau and Daniel Glossman-Mitnik	BMC Research Notes	-	Revista indizada	UK
201	Development of an Expanded Snack of Rice Starch Enriched with Amaranth by Extrusion Process	2019	Lilisbet Castellanos-Gallo, Tomás Galicia-García, Iván Estrada-Moreno, Mónica Mendoza-Duarte, Ruben Márquez-Meléndez, Beatriz Portillo-Arroyo, Cesar Soto-Figueroa, Yarely Leal-Ramos and Daniela Sanchez-Aldana	Molecules	-	Revista indizada	CH
202	Effects of aluminum doping in CdS thin films prepared by CBD and the performance on Schottky diodes TCO/CdS:Al/C	2019	Francisco Javier Willars-Rodríguez; Iker R Chávez-Urbiola; Rafael Ramírez-Bon; Pavel Vorobiev; Yurii V Vorobiev	Journal of Alloys and Compounds. F.I. 2.39	-	Revista indizada	NL
203	Microstructure, mechanical and tribological performance of nanostructured TiAlTaN-(TiAlN/TaN) _n coatings: Understanding the effect of quaternary/multilayer volume fraction	2019	Elbert Enrique Contreras Romero, Joan Cortinez, Roberto Talamantes, PhD; Maryory Gómez, Abel Hurtado	Surface and Coatings Technology	-	Revista indizada	US
204	Microfluidics and Surface-Enhanced Raman Spectroscopy: a perfect match for new analytical tools	2019	Gustavo Ochoa, Boris Kharisov, Ana Arizmendi, Anaís Cario, Cyril Aymonier, Samuel Marre, Israel López	IEEE Transactions on Nanobioscience	-	Revista indizada	US
205	Effect of Zn Concentration on the Structure, Morphology, and Magnetic Behavior of Ni _{1-x} Zn _x Fe ₂ O ₄ Ferrofluid	2019	S. P. Iglesias A. Arias-Durán J. M. Yañez-Limón R. Ramirez-Bon, Abel Hurtado-Macias O. Arnache M. E. Gómez W. Lopera G. Zambrano.	Journal of Superconductivity and Novel Magnetism	-	Revista indizada	US
206	Flexible Electrochemical Sensor Based on Laser Scribed Graphene/Ag Nanoparticles for Non-enzymatic Hydrogen Peroxide Detection	2019	Eider Aparicio-Martínez; Adriana Ibarra; Iván Estrada- Moreno; Velia Osuna; Rocio B. Domínguez	Sensors and Actuators B: Chemical F.I. 6.39	-	Revista indizada	NL

	Libro	Año	Autores	Editorial	DOI	Tipo de publicación	Lugar
207	Analysis of the conduction mechanisms responsible for multilevel bipolar resistive switching of SiO ₂ /Si multilayer structures	2019	M. Daniel Glossman	IntechOpen	DOI: 10.5772/intechopen.76822	Libro	London, UK
208	Influence of plastic deformation and Cu/Mg weight ratio on strengthening mechanisms and precipitation behavior of AA2024 aluminum alloys.	2019	Jesús Ángel Arenas Alatorre J. Martin Herrera-Ramírez Francisco C. Robles-Hernandez Jorge López-Cuevas José María Cabrera Marrero Yadienka Martinez Rubi	International Materials Research Congress XXVII 2018, MRS Advances 3(62)	EISSN: 2059-8521	Libro	México
209	APLICACIONES DE LAS HERRAMIENTAS COMPUTACIONALES: LCA/CFD, EN LA INDUSTRIA DE LA CONSTRUCCIÓN	2019	Héctor Alfredo López-Aguilar, Enrique Alberto Huerta-Reynoso, Jorge Alberto Gómez, Antonino Pérez-Hernández	Editorial Académica Española	NA	Libro	España
210	Guía para la verificación de sistemas de calentamiento solar para procesos industriales (SHIP)	2019	Naghelli Ortega Avila, Guadalupe Moreno Quintanar, Iván Salgado Transito,	Iniciativa Calor Solar	NA	Libro	Mexico
	Capitulos en libros	Año	Autores	Libro	DOI	Tipo de publicación	Lugar
211	Computational Analysis of a Colored Maillard Reaction Product from the Conceptual Density Functional Theory Viewpoint	2019	Juan Frau and Daniel Glossman-Mitnik	ScienceDomain International	978-81-934224-6-5	Capítulo de libro	UK
212	Reflections on the Glycating Power of Simple Carbohydrates in the Maillard Reaction: The Conceptual DFT Viewpoint	2019	Juan Frau and Daniel Glossman-Mitnik	ScienceDomain International	978-93-89246-56-8	Capítulo de libro	UK

213	Candida albicans: Nanoparticles as New Therapeutic Agents against Candida Albicans. Hilda Amelia Piñón Castillo	2019	Laila Nayzzel Muñoz Castellanos, Rigoberto Martínez Chamorro, Reyna Reyes Martínez and Erasmo Orrantía Borunda	IntechOpen	DOI: 10.5772/intechopen.80379	Capítulo de libro	UK
214	A simple way to produce gold nanoshells for cancer therapy	2019	José Alberto Duarte-Moller, Rosa Isela Ruvalcaba, Cynthia Dewisy Gomez Esparza, Anel Rocio Carrasco, Erasmo Orrantia-Borunda and Hilda Esperanza Esparza Ponce	Intech Open	DOI: 10.5772/intechopen.82495	Capítulo de libro	Reino Unido
215	Diagnostico sobre desarrollo sostenible en acuíferos del desierto Chihuahuense en México: casos de gobernanza hidrica, nivel piezométrico, calidad de agua y cambio de uso de suelo	2019	Víctor Manuel Reyes Gómez, Carmen Maganda, Melida Gutiérrez, María Teresa Alarcón Herrera, Daniel Nuñez López, Óscar Escolero, Hugo Alberto Fuentes Hernández1, Jesús Manuel Ochoa Rivero, José Alfredo Ramos Leal.	Universidad Autonoma de Chihuahua		Capítulo de libro	México
216	Utilización y Aplicación de Zelitas naturales; su importancia en México	2019	Mayra Cecilia Bilbao-Chávez, María de Lourdes Villalba, María Isabel Flores-Zamora, Martha Teresita Ochoa-Lara, Francisco Espinosa-Magaña y Jos Castañeda-Avila	Universidad Autonoma de Cd. Juarez		Capitulo de libro	Mexico
217	Semiconductor Fundamentals	2019	P. Horley, P. J. GonZalves Ribeiro, J. A. Aguilar Martínez and V. J. Rocha Vieira, en M.I. Pech-Canul and N.M. Ravindra (eds.), "Semiconductors: Synthesis, Properties and Applications"	Springer Nature Switzerland	978-3-030-02169-6	Capítulo de libro	CH
218	Spatial and Temporal Analysis of Precipitation and Drought Trends Using the Climate Forecast System Reanalysis (CFSR)	201-	D. Martínez, M. Gutiérrez, and M. T. Alarcón-Herrera	Springer Nature3-030-22463-9 Online ISBN 978-3-030-22464-6	DOI https://doi.org/10.1007/978-3-030-22464-6_8, Print ISBN 978-	Capítulo de libro	CH
219	Biogas Power Energy Production from a Life Cycle Thinking	2019	Enrique Alberto Huerta-Reynoso, Hector Alfredo López-Aguilar, Jorge Alberto Gómez, María Guadalupe Gómez-Méndez, Antonino Pérez-Hernández	Intech Open	DOI: 10.5772/intechopen.82250	Capítulo de libro	UK
220	Zeolita; una roca ígnea como materia prima en la industria de la construcción	2019	Héctor Alfredo López Aguilar, Enrique Alberto Huerta Reynoso, Jorge Alberto Gómez, Antonino Pérez Hernández	Universidad Autónoma de Chihuahua	ISBN 978-607-536-026-3	Capítulo 7 de Libro	México
221	Growth of single crystals LiNbO3 particles by aerosol assisted chemical vapor deposition method	2019	José G. Murillo, José A. Ocón, Guillermo M. Herrera, José R. Murillo-Ochoa, Gabriela Ocón	Intech Open	DOI: 10.5772/intechopen.88323	Capítulo de libro	UK
222	Ternary-Phase NiMoWS2 Catalytic Material for Hydrodesulfurization	2019	Torres B., Alvarez-Contreras L., Bahena-Urbe D., Chianelli R.R., Ramos M.	Springer, Cham	978-3-030-25993-8	Capítulo de libro	CH
223	Local Molecular Reactivity of the Colored Dansylglycine in Water and Dioxane Studied through Conceptual DFT	2019	Juan Frau and Daniel Glossman-Mitnik	Avid Science	978-9388170-50-6	Capítulo de libro	IN

224	Conceptual DFT Study of the Local Chemical Reactivity of the Colored BISARG	2019	Juan Frau and Daniel Glossman-Mitnik	AvidScience	978-9388170-50-6	Capítulo de libro	IN
225	Morphological Investigation and Fractal Properties of Realgar Nanoparticles	2019	Amir Lashgari, Shahriar Ghamami, Zahra Bahrami, Farzaneh Shomossi, Guillermo	AvidScience	978-93-88170-52-9	Capítulo de libro	IN
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227	Molecular Reactivity and Absorption Properties of Melanoidin Blue-G1 through Conceptual DFT	2019	Juan Frau and Daniel Glossman-Mitnik	Avid Science		Capítulo de libro	IN
228	MoS2 Thin Films for Photo-Voltaic Applications	2019	Manuel Ramos, John Nogan, Manuela Ortíz-Díaz, José L Enríquez-Carrejo, Claudia A Rodríguez-González, José Mireles-Jr-García, Roberto Carlos Ambrosio-Lazaro, Carlos Ornelas, Abel Hurtado-Macias, Torben Boll, Delphine Chassaing and Martin Heilmaier	IntechOpen	978-1-83962-263-2	Capítulo de libro	UK
229	The Advantages of Thermodynamic Modeling in Hydrogen Production, a Case Study: Ethanol Steam Reforming Combined with CO2 Absorption	2019	Virginia Collins-Martínez, Miguel Escobedo Bretado, Miguel Meléndez Zaragoza, Jesús Salinas Gutiérrez and Alejandro López Ortiz	Nova Science Publishers, Inc.	978-1-53614-720-9	Capítulo de libro	US
230	Hydrodynamic Analysis on a Photocatalytic Reactor Using ANSYS Fluent	2019	Adolfo Ruiz-Soto, Diana Barraza-Jiménez, Abel Hurtado-Macias, Sandra Iliana Torres-Herrera, Carlos Omar Rios-Orozco, Miriam López-Guzmán, Elva Marcela Coria-Quñones, Raúl Armando Olvera-Corral and Manuel Alberto Flores-Hidalgo	IntechOpen	-	Capítulo de libro	US
231	TiO2 NANOPARTICLES SUPPORTED ON HIERARCHICAL MESO/MACROPOROUS SiO2	2019	Keyla M. Fuentes, Margarita Sanchez-Dominguez and Sara Aldabe Bيلمes	IntechOpen	-	Capítulo de libro	UK
232	Development of Nano-Emulsions of Essential Citrus Oil Stabilized with Mesquite Gum	2019	Maira Berenice Moreno-Trejo, Arturo Adrián Rodríguez-Rodríguez, Angela Suárez Jacobo, Margarita Sánchez-Domínguez	IntechOpen	DOI: 10.5772/intecho	Capitulo de libro	Reino Unido
	Título	Año	Autores	Congreso	DOI	tipo de publicación	Lugar
233	ANNUAL ENERGY REQUIREMENT IMPACT ON THE SELECTION OF THE ENVELOPE MATERIALS OF AN INDUSTRIAL BUILDING IN DIFFERENT CLIMATE ZONES	11/4/2019	Carlos A. Espino-Reyes, Eduardo Venegas-Reyes, Mario Najera-Trejo, Ana C. Borbon-Almada, Ignacio R. Martín-Domínguez	SWC Solar World Congress 2019	-	ISES	Santiago, Chile
234	ENERGY USE ON SOCIAL HOUSING IN TEMPERATE CLIMATES IN MEXICO: ECONOMIC AND ENVIRONMENTAL COSTS	10/21/2019	Rodríguez-Muñoz, Norma, Romero-Pérez, Claudia, Nájera-Trejo, Mario, Martín-Domínguez, Ignacio	2nd Latin American Alumni Workshop: Energy Transition - Addressing Sustainable Development	-	DAAD / Europa-Universität Flensburg	Bogotá, Colombia
235	Materiales inteligentes para sensores	4/9/2019	Dr. Alfredo Márquez Lucero	5to Simposio potosino de investigación en ciencia de materiales	-	CESMM-SLP	San Luis Potosí
236	Evaluación experimental de un colector solar híbrido térmico-fotovoltaico	24/10/2018	Eduardo Venegas-Reyes1, Mario Nájera Trejo2, Mario Humberto Gonzáles2, Naghelli Ortega-Avila3, Norma Alejandra Rodríguez Muñoz3, Ignacio R. Martín-Domínguez2, Jorge A. Escobedo-Bretado2, Luis A. Calderón Torres4	Congreso Regional de Energías Renovables	-	CIO - Centro de Investigación en Óptica	Aguascalientes, Ags.
237	Comparison Between Commercial and Aquatic Lily Lignins	2019	M.E. Mendoza-Duarte1, J.L. Espinoza-Acosta1, C. Leyva-Porras1, I.A. Estrada-Moreno2	Microscopy and Microanalysis 2019	-	Artículo de congreso	Portland, Oregon
238	Effects of local distortion on the electrical properties of lead free perovskite-type electro-ceramics Ba1-xCax Ti0.9Zr0.1O3	2019	G. Herrera-Pérez, A Reyes-Montero, J Canche-Tello, M E MonteroCabrera, M E Fuentes-Montero, J R Plaisier, D Eichert, A Reyes-Rojas, L E Fuentes-Cobas	Journal of Physics: Conf. Series	doi:10.1088/1742-6596/1221/1/012005	Artículo de congreso	Reino Unido
239	Desarrollo de membranas PVA/PAA mediante electrospinning para baterías metal-aire	2019	I. Velázquez-Hernández, E. Ortiz-Ortega, L.Alvarez-Contreras, M. Guerra-Balcázar, . L. España-Sánchez, N. Ariona	VIII Congreso Nacional de la Sociedad Mexicana de Ciencia y Tecnología de Membranas A.C.	-	Artículo de congreso	Cuernavaca, Morelos

240	Desarrollo de baterías metal-aire basadas en Zn altamente orientado y ácido poliacrílico parcialmente entrecruzado con Potasio como electrolito gelificado	2019	A. L. Díaz-Patiño, L. I. Olvera, G. Trejo, L. Alvarez-Contreras, M. Guerra-Balcázar, J. Ledesma-García, L.G. Arriaga, N. Arjona	VIII Congreso Nacional de la Sociedad Mexicana de Ciencia y Tecnología de Membranas A.C.	-	Artículo de congreso	Cuernavaca, Morelos
241	Electro-oxidación de sorbitol empleando Au/C, Pd/C y Au-Pd/C sintetizados a través de líquidos iónicos	2019	Luis Javier Torres Pacheco, Lorena Álvarez Contreras (CIMAV); Minerva Guerra Balcázar (UAQ); Janet Ledesma García (UAQ); Virginie Lair (ParisTech); Michel Cassir (ParisTech), N. Arjona (CIETEQ)	XXXIV Congreso Nacional de la Sociedad Mexicana de Electroquímica	-	Artículo de congreso	Querétaro
242	Uso de una espina mesoporosa ordenada (CoMn2O4) como electrocatalizador para la reducción de oxígeno en medio alcalino	2019	José Eduardo García Bejar, Lorena Álvarez Contreras (CIMAV) Janet Ledesma García, Walter Noé Velázquez Arjona, Luis Gerardo Arriaga Hurtado	XXXIV Congreso Nacional de la Sociedad Mexicana de Electroquímica y el 12th Meeting of the Mexican Selection of Electrochemical Society	-	Artículo de congreso	Querétaro
243	Síntesis de nanopartículas bimetalicas PdPt/C, Pd/Ir/C y PdRu/C a través de un método verde y evaluación de su actividad electrocatalítica para la electro-oxidación de glicerol crudo	2019	Isaac Velázquez Hernández, Lorena Álvarez Contreras, Janet Ledesma García, Minerva Guerra Balcázar, N. Arjona	XXXIV Congreso Nacional de la Sociedad Mexicana de Electroquímica y el 12th Meeting of the Mexican Selection of Electrochemical Society	-	Artículo de congreso	Querétaro
244	Estudio teórico de las propiedades electrónicas y antioxidantes del falcariol y sus derivados	2019	Bonilla Rodríguez, David Sánchez Vázquez, Mario Colorado Peralta Raúl Hernández Romero Delia Rosete Luna Sharon	EQI 2019	-	Artículo de congreso	Orizaba Veracruz
245	Adsorción de As+3 en nanomateriales magnéticos de óxidos de hierro: MnFe2O4, CoFe2O4 y Fe3O4	2019	Morales-Amaya, Corazón G., Licea-Jiménez Liliana, Morales-Lozano Samuel A., Alarcón-Herrera Ma. Teresa, Reynoso-Cuevas Liliana	Tendencias en Ciencia y Tecnología de Materiales	-	Artículo de congreso	Coahuila
246	Sistema de Calentamiento Agua/Aire Multipropósito (SCAAM)	2019	Mario Najera-Trejo, Jorge A. Escobedo-Bretado, Luis F. García-Godina, Ignacio R. Martín-Domínguez	Congreso Regional de Energías Renovables	-	Artículo de congreso	Aguascalientes, Aguascalientes
247	Construcción, instrumentación y puesta en operación de un banco de pruebas para caracterizar intercambiadores de calor compacto de uso automotriz para su adaptación en calor solar de procesos industriales	2019	Ismael Hernández-Landeros, Jorge A. Escobedo-Bretado, Juan C. Velázquez-Chávez, Mario Najera-Trejo, Ignacio R. Martín-Domínguez, Brenda Hernandez-Elias	2o Congreso Regional de Energías Renovables	-	Artículo de congreso	Aguascalientes, Aguascalientes
248	Nuevo monómero heterofuncional polimerizable por radicales libres y vía oxidativa	2019	Alain S. Conejo-Dávila, Angélica Domínguez-Aragón, Claudia A. Hernández-Escobar, Alejandro Vega-Rios, Sergio G. Flores-Gallardo, E. Armando Zaragoza-Contreras	XXXI Congreso Nacional de la Sociedad Polimérica de México	-	Artículo de congreso	Puebla, Pue.
249	Sistema de micelas poliméricas en un hidrogel termosensible para uso biomédico	2019	Teresa D. Carrillo-Castillo, Javier S. Castro-Carmona, Ma. Antonia Luna-Velasco, Teresita Ruiz-Anchondoc, E. Armando Zaragoza-Contreras.	XXXI Congreso Nacional de la Sociedad Polimérica de México	-	Artículo de congreso	Puebla, Pue.
250	Preparación de membranas microporosas de celulosa a partir solución acuosa de hidróxido de sodio/urea	2019	Rodybeth Cruz-Medina, Wilber Antunez-Flores, E. Armando Zaragoza-Contreras, Alejandro Vega Rios, 14-18 de Octubre de 2018,	XXXI Congreso Nacional de la Sociedad Polimérica de México	-	Artículo de congreso	Puebla, Pue.
251	Hydrothermal Synthesis of Nanohybrid Gr-CeO2	2019	M. L. Camacho-Rios, R.A. Ochoa-Gamboa, W. Antunez-Flores, D. Lardizabal-Gutierrez, J.D. Cristóbal-García, I. Estrada-Guel and R. Martínez-Sánchez	Microscopy & Microanalysis 2019	-	Artículo de congreso	Portland, Oregon, USA
252	Synthesis and Analysis Microstructural of CeO2 Nanoparticles Using Chelating Agents	2019	ML Camacho-Rios, K Campos-Venegas, RA Ochoa-Gamboa, D Lardizabal-Gutierrez, JD Cristóbal -García, I Estrada-Guel and R Martínez-Sánchez	Microscopy & Microanalysis 2019	-	Artículo de congreso	Portland, Oregon, USA
253	Degradation Processes and Revitalization Effect in Monocrystalline Silicon Solar Cells	2019	FRANCISCO WILLARS-RODRIGUEZ, RAFAEL RAMIREZ-BON, YURI VOROBIEV, SERGIO ALFONSO PEREZ-GARCIA, PAVEL VOROBIEV	International Conference on Nanoscience, Nanotechnology and Advanced Materials (IC2NM)	-	Artículo de congreso	Istanbul, Turkey

254	Study of 0D, 1D and 3D Zinc Oxide Morphologies by SEM and TEM.	2019	Morales-Mendoza, J. E., Paraguay-Delgado, F., Lestarjet, E., & Lardizabal, D.	Microscopy and Microanalysis 2019	-	Artículo de congreso	Portland, Oregon
255	Cu ₂ ZnSnS ₄ Agglomeration Nanoparticles Study by TEM	2019	Cristóbal-García, J. D., Paraguay-Delgado, F., Arteaga-Durán, A., Lestarjet, E., & Lardizabal, D.	Microscopy and Microanalysis 2019	-	Artículo de congreso	Portland, Oregon
256	Structure and Morphology Study of Copper/Copper Oxides Nanoparticles	2019	Hermida-Montero, L. A., Pariona, N., Mtz-Enriquez, A. I., & Paraguay-Delgado, F.	Microscopy and Microanalysis 2019	-	Artículo de congreso	Portland, Oregon
257	FORMULATION AND CHARACTERIZATION OF OIL-IN-WATER MICROEMULSIONS FOR ENHANCED SOLUBILITY AND STABILITY OF CURCUMIN	2019	Laura Eugenia Romero Robles, Margarita Sánchez Domínguez y Fernando García Escobar	17th LACCEI International Multi-Conference for Engineering, Education, and Technology: "Industry, Innovation, And Infrastructure for Sustainable Cities and Communities",	-	Artículo de congreso	Jamaica
258	Effect of the nature of hypo materials in bimetallic Pd-M/C combinations (M: Mn, Fe and Zn) in the electro-oxidation of crude glycerol in alkaline medium	2019	Isaac Velázquez Hernández, Virginie Lair, Lorena Álvarez Contreras, Minerva Guerra Balcázar, N. Arjona	XIX International Congress of the Mexican Hydrogen Society	-	Artículo de congreso	Morelia, Michoacán
259	Recent advances on the direct synthesis of shape-controlled and semispherical nanoparticles on ZrO ₂ ceramic support	2019	Oscar Ambriz Peláez, Sandra Rivas, Lorena Álvarez Contreras, Minerva Guerra Balcázar, N. Arjona	XIX International Congress of the Mexican Hydrogen Society	-	Artículo de congreso	Morelia, Michoacán
260	Electrocatalytic evaluation of the sorbitol electro-oxidation reaction in alkaline medium employing Pdx-Au/C nanocatalysts	2019	Luis Javier Torres Pacheco, Lorena Álvarez Contreras, Minerva Guerra Balcázar, N. Arjona	XIX International Congress of the Mexican Hydrogen Society	-	Artículo de congreso	Morelia, Michoacán
261	Synthesis of Pd nanoparticles supported on MnOx (Mn ₃ O ₄ y α-MnO ₂) for the ethylene glycol electro-oxidation reaction	2019	Ándres López Coronel, Daniel Alejandro Hernández Zavala, Sandra Rivas, Lorena Álvarez Contreras, Minerva Guerra Balcázar, N. Arjona	XIX International Congress of the Mexican Hydrogen Society	-	Artículo de congreso	Morelia, Michoacán
262	ZnO-SiO ₂ GRATING COUPLER FOR PHOTONIC CRYSTAL WAVEGUIDES	2019	Evelyn Yamel González Ramírez, José Antonio Medina Vázquez, José Guadalupe Murillo Ramírez*	X Iberoamerican Optics Meeting XIII Latinamerican Meeting on Optics, Lasers and Applications Mexican Optics and Photonics Meeting 2019	-	Artículo de congreso	Cancún, Quintana Roo, México, September 23-27, 2019.
263	OPTICAL REFLECTION OF THE UROSAURUS ORNATUS LIZARD SKIN OBTAINED FROM HIGH RESOLUTION DIGITAL IMAGE PROCESSING	2019	José Guadalupe Murillo Ramírez, Cornelio Alvarez-Herrera, Héctor Gadsden, José Antonio Medina Vázquez, Evelyn Yamel González Ramírez	X Iberoamerican Optics Meeting XIII Latinamerican Meeting on Optics, Lasers and Applications Mexican Optics and Photonics Meeting 2019	-	Artículo de congreso	Cancún, Quintana Roo, México, September 23-27, 2019.
264	FLOW WATER BEHAVIOR IN A CHANEL OBSTRUCTED BY A PIER VISUALIZED BY PARTICLE IMAGE VELOCIMETRY	2019	José Elías Villa-Herrera, Cornelio Álvarez-Herrera, José Guadalupe Murillo Ramírez, Evelyn Yamel González Ramírez, José Antonio Medina Vázquez ,	X Iberoamerican Optics Meeting XIII Latinamerican Meeting on Optics, Lasers and Applications Mexican Optics and Photonics Meeting 2019	-	Artículo de congreso	Cancún, Quintana Roo, México, September 23-27, 2019.
265	Raman Characterization of LiNbO ₃ Nanofibers Doped with Mn	2019	MC Maldonado-Orozco, R Narro-García1, CG Nava-Dino, JP Flores-De los Ríos, MT Ochoa-Lara and F Espinosa-Magaña	Microscopy and Microanalysis 2019	-	Artículo de congreso	Portland, Oregon USA
266	Water and Air Contamination on Aquifer Meoqui-Delicias on Chihuahua, Chihuahua, Mexico	2019	. Marizol Bencomo, Eduardo F. Herrera, Martín Bojórquez, Julio Núñez, et. all	Air Quality Measurement Methods and Technology	-	Artículo de congreso	Durham, North Carolina, EU. April 2-4 , 2019.
267	Comparison of the Dispersion Of Air Pollutants Between the Cities of Chihuahua and Aldama, Mexico	2019	Eduardo F. Herrera, Martín Bohórquez, Julio Núñez, Marizol Bencomo, et all..	Air Quality Measurement Methods and Technology.	-	Artículo de congreso	Durham, North Carolina, EU. April 2-4 , 2019.
268	Reduction and oxidation kinetics of NiWO ₄ as an oxygen carrier for hydrogen storage by chemical looping process	2019	P.E. González-Vargas; J.M. Salinas-Gutiérrez; M.J. Meléndez-Zaragoza; V. Collins-Martínez; A. López-Ortiz	XIX International Congress of the Mexican Hydrogen Society	-	Artículo de congreso	Morelia Michoacan

269	ELABORACION DE CARBON ACTIVADO DE HUESO DE DURAZNO Y HUESO DE ACEITUNA PARA LA ADSORCION DE CIANURO	2019	CLAUDIA VERONICA REYES GUZMAN (1), NATALIA ESTEFANIA CASTRO LOPEZ(2), ANDREA MELISSA RODRIGUEZ CORREA(2), LEONOR MUÑOZ RAMIREZ (3), SERGIO GARCIA VILLARREAL (3), YADIRA MARLEN RANGEL HERNANDEZ(3), ISABEL FACUNDO ARZOLA(3), GLORIA DUADALUPE TREVIÑO VERA(3), LILIA MAGDALENA BAUTISTA CARRILLO (4)	Congreso Internacional de Investigación Academia Journals Celaya 2019	-	Artículo de congreso	TECNOLÓGICO NACIONAL DE MÉXICO EN CELAYA
270	Potential for thermal water desalination using microgrid and solar thermal field energy surpluses in an isolated community	2019	Jesús Armando Aguilar-Jiménez, Nicolás Velázquez, Ricardo Beltrán, Luis Hernández-Callejo, Ricardo López-Zavala and Edgar González-San Pedro	II Ibero-American Congress of Smart Cities (ICSC-CITIES 2019)	-	Artículo de congreso	Soria, Spain
271	Tomografía computarizada de rayos X en piezas de arneses para determinar el acomodo de los cables y observar defectos internos	2019	Miguel Angel Neri Flores	11 Congreso Internacional de Investigación Científica Multidisciplinaria	-	Artículo de congreso	Chihuahua, Chihuahua, México
272	Electronic Structure Characterization of the Bi-YIG by EELS-STEM	2019	N. Herrera-Pineda, M. García-Guaderrama, G. Herrera-Pérez, M. E. Fuentes-Montero, J. M. Napóles-Duarte, J. P. Palomares-Baez, C. Ornelas-Gutierrez, R. Ochoa-Gamboa, W. Antunez-Flores	Microscopy and Microanalysis 2019 Meeting	-	Artículo de congreso	Portland, Oregon
273	Electron microscopy analysis on a few-layer graphene oxide modified with silicon.	2019	Verde Gómez, J.Y., Zeferino González, I., Miki Yoshida, M., Ornelas, C., Valenzuela Muñoz, A.M. and Gauvin, R	19th International Microscopy congress 2019	-	Artículo de congreso	Sydney Australia
274	Morphology and microstructural characterization of Mo-doped Bi ₂ WO ₆	2019	Paraguay, F., Antúnez-Flores, W., Ornelas, C., Basurto-Cereceda, S., Homeniuk, D., Malac, M. and Borja-Urby, R.	19th International Microscopy Congress (IMC19)	-	Artículo de congreso	Sydney, Australia