

## ARTÍCULOS DEL MES DE AGOSTO DE 2019

### **[ARTÍCULOS A]** - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Gonzalez-Hernandez, A., Marichal-Cancino, B. A., Lozano-Cuenca, J., Maassenvandenbrink, A. & Villalon, C. M. (2019). Functional Characterization of the Prejunctional Receptors Mediating the Inhibition by Ergotamine of the Rat Perivascular Sensory Peptidergic Drive. [Acs Chemical Neuroscience](#), 10(7): 3173-3182.
- 2 Ni, P. N., Bugallo, A. D., Arreola, V. M. A., Salazar, M. F., Strupiechonski, E., Brandli, V., Sawant, R., Alloing, B. & Genevet, P. (2019). Gate-Tunable Emission of Exciton-Plasmon Polaritons in Hybrid Mos2-Gap-Mode Metasurfaces. [Acs Photonics](#), 6(7): 1594-1601.
- 3 Mercado-Ravell, D. A., Castillo, P. & Lozano, R. (2019). Visual Detection and Tracking With Uavs, Following a Mobile Object. [Advanced Robotics](#), 33(7-8): 388-402.
- 4 Lopez-Herrera, G., Segura-Mendez, N. H., O´Farril-Romanillos, P. et al. (2019). Low percentages of regulatory T cells in common variable immunodeficiency (CVID) patients with autoimmune diseases and its association with increased numbers of CD4+CD45RO+ T and CD21low B cells. [Allergologia Et Immunopathologia](#), 47(5): 457-466.
- 5 Gonzalez-Orozco, M., Barbosa-Cobos, R. E., Santana-Sanchez, P., Becerril-Mendoza, L., Limon-Camacho, L., Juarez-Estrada, A. I., Lugo-Zamudio, G. E., Moreno-Rodriguez, J. & Ortiz-Navarrete, V. (2019). Endogenous Stimulation Is Responsible for the High Frequency of Il-17a-Producing Neutrophils in Patients With Rheumatoid Arthritis. [Allergy Asthma and Clinical Immunology](#), 15: 44.
- 6 Saha, R., Pan, S., Merino, G. & Chattaraj, P. K. (2019). Unprecedented Bonding Situation in Viable E-2(Nhbme)(2) (E=Be, Mg; Nhbme=(Hcnme)(2)B) Complexes: Neutral E-2 Forms a Single E-E Covalent Bond. [Angewandte Chemie-International Edition](#), 58(25): 8372-8377.
- 7 Perez-Herrera, N., Diaz de Leon-Martinez, L., Flores-Ramirez, R., Barbier, O., Ortega-Romero, M., May-Euan, F., Saldana-Villanueva, K., Perera-Rios, J. & Perez-Vazquez, F. J. (2019). Evaluation of Benzene Exposure and Early Biomarkers of Kidney Damage in Children Exposed to Solvents Due to Precarious Work in Ticul, Yucatan, Mexico. [Annals of Global Health](#), 85(1): 94.
- 8 Adame-Soto, P. J., Arechiga-Carvajal, E. T., Lopez, M. G., Gonzalez-Herrera, S. M., Moreno-Jimenez, M. R., Urtiz-Estrada, N. & Rutiaga-Quinones, O. M. (2019). Potential Production of 2-Phenylethanol and 2-Phenylethylacetate by Non-Saccharomyces Yeasts From Agave Durangensis. [Annals of Microbiology](#), 69(9): 989-1000.
- 9 Rangel, R., Rangel-Arreola, K., Diaz, G., Bartolo-Perez, P. & Quintana, P. (2019). Novel Efficient {Pt, Ir}/Ce1-Xruxo2 Catalysts for Catalytic Steam Reforming of Ethanol. [Applied Physics a-Materials Science & Processing](#), 125(8): 538.

- 10 Maldonado-Garcia, M., Angulo, C., Vazquez-Martinez, J., Sanchez, V., Lopez, M. G. & Reyes-Becerril, M. (2019). Antioxidant and immunostimulant potentials of *Chenopodium ambrosioides* L. in Pacific red snapper (*Lutjanus peru*). [Aquaculture](#), 513: 7344-7349.
- 11 Mostovoy, J. (2019). The Pure Cactus Group Is Residually Nilpotent. [Archiv Der Mathematik](#), 113(3): 229-235.
- 12 Quinones-Gonzalez, C. A., Arredondo-Mendoza, G. I., Jimenez-Salas, Z., Larriba-Calle, G., Ruiz-Herrera, J. & Campos-Gongora, E. (2019). Genotoxic Effect of Caffeine in *Yarrowia Lipolytica* Cells Deficient in Dna Repair Mechanisms. [Archives of Microbiology](#), 201(7): 991-998.
- 13 Gonzalez-Barbosa, E., Garcia-Aguilar, R., Vega, L., Cabanas-Cortes, M. A., Gonzalez, F. J., Segovia, J., Morales-Lazaro, S. L., Cisneros, B. & Elizondo, G. (2019). Parkin is transcriptionally regulated by the aryl hydrocarbon receptor: Impact on  $\alpha$ -synuclein protein levels. [Biochemical Pharmacology](#), 168: 429-437.
- 14 Reyes-Pardo, H., Bautista, R., Vargas-Robles, H., Rios, A., Sanchez, D. & Escalante, B. (2019). Role of Sodium/Glucose Cotransporter Inhibition on a Rat Model of Angiotensin II-Dependent Kidney Damage. [Bmc Nephrology](#), 20(1): 292.
- 15 Campos Guillen, J., Arvizu Gomez, J. L., Jones, G. H., Hernandez Flores, J. L., Ramos Lopez, M. A., Cruz Hernandez, A. & Romero Gomez, S. (2019). Analysis of Trna(Cys) Processing in the Absence of Ccaase in *Bacillus Subtilis*. [Brazilian Journal of Microbiology](#), 50(3): 613-618.
- 16 Kutralam-Muniasamy, G. & Perez-Guevara, F. (2019). Comparative Genome Analysis of Completely Sequenced *Cupriavidus* Genomes Provides Insights Into the Biosynthetic Potential and Versatile Applications of *Cupriavidus Alkaliphilus* Asc-732. [Canadian Journal of Microbiology](#), 65(8): 575-595.
- 17 Chavez, D., Garcia, C. R., Oliva, J., Montes, E., Mtz-Enriquez, A. I., Garcia-Lobato, M. A. & Diaz-Torres, L. A. (2019). Effect of Yb<sup>3+</sup> concentration on the green-yellow upconversion emission of SrGe<sub>4</sub>O<sub>9</sub>:Er<sup>3+</sup> phosphors. [Ceramics International](#), 45(14): 16911-16917.
- 18 Valdez-Camacho, J. R., Cortes-Guzman, K. P., Torres-Gomez, H., Flores, R., Leyva, M. A. & Escalante, J. (2019). Kinetics, Thermodynamics, and Theoretical Studies in a Diels-Alder Dimerization Process of 3-Vinylindole Derivative of the 3-Indoleacetic Acid: an Auxin. [Chemistryselect](#), 4(28): 8311-8316.
- 19 Delgado, B. B. & Porter, R. M. (2019). Hilbert Transform for the Three-Dimensional Vekua Equation. [Complex Variables and Elliptic Equations](#), 64(11): 1797-1824.
- 20 Clempner, J. B. & Poznyak, A. S. (2019). Solving Transfer Pricing Involving Collaborative and Non-cooperative Equilibria in Nash and Stackelberg Games: Centralized-Decentralized Decision Making. [Computational Economics](#), 54(2): 477-505.
- 21 Lopez-Pacheco, G., Lopez-Juarez, R., Villafuerte-Castrejon, M. E., Falcony, C., Barrera-Calva, E. & Gonzalez, F. (2019). Luminescence Properties of Yb<sup>3+</sup>-Doped SrTiO<sub>3</sub>: the Significance of the Oxygen-Titanium Charge Transfer State on Photon Downshifting. [Dalton Transactions](#), 48(31): 11889-11896.

22 Benitez-Bobadilla, G., Galeana-Sanchez, H. & Hernandez-Cruz, C. (2019). Characterization of color patterns by dynamic H-paths. [Discrete Applied Mathematics](#), 267: 41-51.

23 Rodriguez-Mendoza, J., Santiago-Hernandez, A., Alvarez-Zuniga, M. T., Gutierrez-Anton, M., Aguilar-Osorio, G. & Hidalgo-Lara, M. E. (2019). Purification and biochemical characterization of a novel thermophilic exo- $\beta$ -1,3-glucanase from the thermophile biomass-degrading fungus *Thielavia terrestris* Co3Bag1. [Electronic Journal of Biotechnology](#), 41: 60-71.

24 Pitalua-Diaz, N., Arellano-Valmana, F., Ruz-Hernandez, J. A. et al. (2019). An Anfis-Based Modeling Comparison Study for Photovoltaic Power at Different Geographical Places in Mexico. [Energies](#), 12(14): 2662.

25 Alwedi, E., Lujan-Montelongo, J. A., Cortes-Mejia, R., Del Campo, J. M., Altundas, B. & Fleming, F. F. (2019). Asmic Isocyanide-Nitrile Isomerization-Alkylations. [European Journal of Organic Chemistry](#), 2019: 4644-4648.

26 Abada, A., Abbrescia, M., Abdussalam, S. S. et al. (2019). Fcc-Hh: the Hadron Collider: Future Circular Collider Conceptual Design Report Volume 3. [European Physical Journal-Special Topics](#), 228(4): 755-1107.

27 Abada, A., Abbrescia, M., Abdussalam, S. S. et al. (2019). He-Lhc: the High-Energy Large Hadron Collider Future Circular Collider Conceptual Design Report Volume 4. [European Physical Journal-Special Topics](#), 228(5): 1109-1382.

28 Soberanes-Gutierrez, C. V., Vazquez-Carrada, M., Lopez-Villegas, E. O., Vega-Arreguin, J. C., Villa-Tanaca, L. & Ruiz-Herrera, J. (2019). Autophagosomes accumulation in the vacuoles of the fungus *Ustilago maydis* and the role of proteases in their digestion. [Fems Microbiology Letters](#), 366(10): fnz108.

29 Tobias-Espinoza, J. L., Amaya-Guerra, C. A., Quintero-Ramos, A., Perez-Carrillo, E., Nunez-Gonzalez, M. A., Martinez-Bustos, F., Melendez-Pizarro, C. O., Baez-Gonzalez, J. G. & Ortega-Gutierrez, J. A. (2019). Effects of the Addition of Flaxseed and Amaranth on the Physicochemical and Functional Properties of Instant-Extruded Products. [Foods](#), 8(6): 183.

30 Canseco-Alba, A. & Rodriguez-Manzo, G. (2019). Endocannabinoids Interact With the Dopaminergic System to Increase Sexual Motivation: Lessons From the Sexual Satiety Phenomenon. [Frontiers in Behavioral Neuroscience](#), 13: 184.

31 Eisemann, A. R., Munoz, J. L. M., Mcfield, M., Myton, J. & Arias-Gonzalez, J. E. (2019). The Effect of Algal-Gardening Damselfish on the Resilience of the Mesoamerican Reef. [Frontiers in Marine Science](#), 6: 414.

32 Ortega-Ortega, J., Ramirez-Ortega, F. A., Ruiz-Medrano, R. & Xoconostle-Cazares, B. (2019). Analysis of Genome Size of Sixteen *Coffea Arabica* Cultivars Using Flow Cytometry. [Hortscience](#), 54(6): 998-+.

- 33 Mendez-Garcia, L. A., Martinez-Castillo, M., Villegas-Sepulveda, N., Orozco, L. & Cordova, E. J. (2019). Curcumin Induces P53-Independent Inactivation of Nrf2 During Oxidative Stress-Induced Apoptosis. [Human & Experimental Toxicology](#), 38(8): 951-961.
- 34 Ren, J. T., Hao, J. K. & Rodriguez-Tello, E. (2019). An Iterated Three-Phase Search Approach for Solving the Cyclic Bandwidth Problem. [IEEE Access](#), 7: 98436-98452.
- 35 Wang, W. J., Yang, S. Q., Lin, Q. Z., Zhang, Q. F., Wong, K. C., Coello, C. A. C. & Chen, J. Y. (2019). An Effective Ensemble Framework for Multiobjective Optimization. [IEEE Transactions on Evolutionary Computation](#), 23(4): 645-659.
- 36 Yang, J., Chai, T. Y., Luo, C. M. & Yu, W. (2019). Intelligent Demand Forecasting of Smelting Process Using Data-Driven and Mechanism Model. [IEEE Transactions on Industrial Electronics](#), 66(12): 9745-9755.
- 37 Galaviz-Aguilar, J. A., Nunez-Perez, J. C., Perez-Pinal, F. J. & Tlelo-Cuautle, E. (2019). Fpga Realisation of N-Qam Digital Modulators. [IEEE Technical Review](#), 36(3): 315-325.
- 38 Martinez-Garcia, S., Chavez-Cabrera, C., Quintana, E. T. et al. (2019). Differential Expression of the Apxrs System by Antimicrobial Peptide LI-37 in Commensal and Clinical Staphylococcus Epidermidis Isolates. [Indian Journal of Microbiology](#), 59(3): 295-303.
- 39 Buitron, G., Hernandez-Juarez, A., Hernandez-Ramirez, M. D. & Sanchez, A. (2019). Biochemical methane potential from lignocellulosic wastes hydrothermally pretreated. [Industrial Crops and Products](#), 139: 111555.
- 40 Licona-Juarez, K. C., Acosta-Garcia, G., Ramirez-Medina, H., Huanca-Mamani, W. & Guevara-Olvera, L. (2019). Rapid and accurate PCR-based and boiling DNA isolation methodology for specific detection of sclerotium cepivorum in garlic (Allium sativum) cloves. [Interciencia](#), 44(2): 71-74.
- 41 Velazquez-Sanchez, H. I. & Aguilar-Lopez, R. (2019). Multi-Objective Optimization of an Abe Fermentation System for Butanol Production as Biofuel. [International Journal of Chemical Reactor Engineering](#), 17(7): 20180214.
- 42 Fragoso-Rubio, V., Velasco-Villa, M., Hernandez-Perez, M. A., Del Muro-Cuellar, B. & Marquez-Rubio, J. F. (2019). Prediction-Observer Scheme for Linear Systems With Input-Output Time-Delay. [International Journal of Control Automation and Systems](#), 17(8): 2012-2025.
- 43 Hernandez-Gonzalez, O., Guerrero-Sanchez, M. E., Farza, M., Menard, T., M'saad, M. & Lozano, R. (2019). High Gain Observer for a Class of Nonlinear Systems With Coupled Structure and Sampled Output Measurements: Application to a Quadrotor. [International Journal of Systems Science](#), 50(5): 1089-1105.
- 44 Casallas-Moreno, Y. L., Villa-Martinez, G., Ramirez-Lopez, M. et al. (2019). Growth mechanism and physical properties of the type-I In<sub>0.145</sub>Ga<sub>0.855</sub>As<sub>1-y</sub>/GaSb alloys with low As content for near infrared applications. [Journal of Alloys and Compounds](#), 808: 151690.

45 Aguilar-Medrano, R. & Vega-Cendejas, M. E. (2019). Biogeographical Affinities, Trophodynamics, and Fisheries Pressure in the Fish Community of the Laguna Madre Tamaulipas. [Journal of Applied Ichthyology](#), 35(4): 908-916.

46 Salas-Herrera, G., Gonzalez-Morales, S., Benavides-Mendoza, A., Castaneda-Facio, A. O., Fernandez-Luqueno, F. & Robledo-Olivo, A. (2019). Impact of Microalgae Culture Conditions Over the Capacity of Copper Nanoparticle Biosynthesis. [Journal of Applied Phycology](#), 31(4): 2437-2447.

47 Cifuentes-Goches, J. C., Hernandez-Ancheyta, L., Guarneros, G., Oviedo, N. & Hernandez-Sanchez, J. (2019). Domains two and three of Escherichia coli ribosomal S1 protein confers 30S subunits a high affinity for downstream A/U-rich mRNAs. [Journal of Biochemistry](#), 166(1): 29-40.

48 Rosales-Diaz, I., Lopez-Gutierrez, J. R., Suarez, A. E. Z., Salazar, S. R., Osorio-Cordero, A., Aguilar-Sierra, H. & Lozano, R. (2019). Comparison of Control Techniques in a Weight Lifting Exoskeleton. [Journal of Bionic Engineering](#), 16(4): 663-673.

49 Menchaca-Ballinas, L. E. & Escalante-Garcia, J. I. (2019). Low CO2 emission cements of waste glass activated by CaO and NaOH. [Journal of Cleaner Production](#), 239: 117992.

50 Nepita-Villanueva, M. R., Berlanga-Robles, C. A., Ruiz-Luna, A. & Barcenas, J. H. M. (2019). Spatio-Temporal Mangrove Canopy Variation (2001-2016) Assessed Using the Modis Enhanced Vegetation Index (Evi). [Journal of Coastal Conservation](#), 23(3): 589-597.

51 Ramirez-Aparicio, J., Pathirana, T. M. S. K., Nguyen, H. Q., Stefan, M. C., Samaniego-Benitez, J. E., Salinas-Bravo, V. M. & Ramirez-Bon, R. (2019). Synthesis of P3HT base semiconducting hybrid films and their photocatalytic properties. [Journal of Coatings Technology and Research](#), 16(4): 1065-1075.

52 Bommarito, P. A., Beck, R., Douillet, C., Del Razo, L. M., Garcia-Vargas, G.-G., Valenzuela, O. L., Sanchez-Peña, L. C., Styblo, M. & Fry, R. C. (2019). Evaluation of plasma arsenicals as potential biomarkers of exposure to inorganic arsenic. [Journal of Exposure Science and Environmental Epidemiology](#), 29: 718-729.

53 Gonzalez-Herrera, S. M., Rocha-Guzman, N. E., Simental-Mendia, L. E., Rodriguez-Herrera, R., Aguilar, C. N., Rutiaga-Quinones, O. M., Lopez, M. G. & Gamboa-Gomez, C. I. (2019). Dehydrated Apple-Based Snack Supplemented With Agave Fructans Exerts Prebiotic Effect Regulating the Production of Short-Chain Fatty Acid in Mice. [Journal of Food Processing and Preservation](#), 43(8): e14026.

54 Miranda, O. G., Papoulias, D. K., Tortola, M. & Valle, J. W. F. (2019). Probing Neutrino Transition Magnetic Moments With Coherent Elastic Neutrino-Nucleus Scattering. [Journal of High Energy Physics](#), (7): 103.

55 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Search for charged Higgs bosons in the H<sup>+</sup>-tau<sup>+</sup>-nu tau decay channel in proton-proton collisions at root s=13 TeV. [Journal of High Energy Physics](#), 2019(7): 142.

- 56 Badillo-Olvera, A., Perez-Gonzalez, A., Begovich, O. & Ruiz-Leon, J. (2019). Burst Detection and Localization in Water Pipelines Based on an Extended Differential Evolution Algorithm. [Journal of Hydroinformatics](#), 21(4): 593-606.
- 57 Kravchenko, V. V. (2019). On a method for solving the inverse Sturm-Liouville problem. [Journal of Inverse and Ill-Posed Problems](#), 27(3): 401-407.
- 58 Martinez-Saucedo, G., Torres-Castanedo, C. G., Arias-Ceron, S., Castanedo-Perez, R., Torres-Delgado, G. & Zelaya-Angel, O. (2019). Photoluminescence of Cu<sub>2</sub>O nanostructured in stressed thin films induced by temperature. [Journal of Luminescence](#), 215: 116642.
- 59 Alcerreca-Huerta, J. C., Encarnacion, J. I., Ordonez-Sanchez, S. et al. (2019). Energy Yield Assessment From Ocean Currents in the Insular Shelf of Cozumel Island. [Journal of Marine Science and Engineering](#), 7(5): 147.
- 60 Miranda, H., Velumani, S., Samudio-Perez, C. A., Krause, J. C., D'Souza, F., De Obaldia, E. & Ching-Prado, E. (2019). Effects of Changes on Temperature and Fluorine Concentration in the Structural, Optical and Electrical Properties of SnO<sub>2</sub>:F Thin Films. [Journal of Materials Science-Materials in Electronics](#), 30(16): 15563-15581.
- 61 Cruz-Gandarilla, F., Bolmaro, R. E., Mendoza-Leon, H. F., Salcedo-Garrido, A. M. & Cabanas-Moreno, J. G. (2019). Study of Recovery and First Recrystallisation Kinetics in Cgo Fe<sub>3</sub>%Si Steels Using Misorientation-Derived Parameters (Ebsd). [Journal of Microscopy](#), 275(3): 133-148.
- 62 Morales-Luna, M., Arvizu, M. A., Perez-Gonzalez, M. & Tomas, S. A. (2019). Effect of a Cdse Layer on the Thermo- and Photochromic Properties of Moo<sub>3</sub> Thin Films Deposited by Physical Vapor Deposition. [Journal of Physical Chemistry C](#), 123(28): 17083-17091.
- 63 Martinez-Vargas, B. L., Duron-Torres, S. M., Bahena, D., Rodriguez-Lopez, J. L., Peralta-Hernandez, J. M. & Picos, A. (2019). One-pot synthesis of ZnO-Ag and ZnO-Co nanohybrid materials for photocatalytic applications. [Journal of Physics and Chemistry of Solids](#), 135: 109120.
- 64 Diaz-Bautista, E., Concha-Sanchez, Y. & Raya, A. (2019). Barut-Girardello Coherent States for Anisotropic 2d-Dirac Materials. [Journal of Physics-Condensed Matter](#), 31(43): 435702.
- 65 Ramirez-Flores, C. J., Cruz-Miron, R., Mondragon-Castelan, M. E., Gonzalez-Pozos, S., Rios-Castro, E. & Mondragon-Flores, R. (2019). Proteomic and structural characterization of self-assembled vesicles from excretion/secretion products of Toxoplasma gondii. [Journal of Proteomics](#), 208: 103490.
- 66 Iglesias, S. P., Arias-Duran, A., Yanez-Limon, J. M., Ramirez-Bon, R., Hurtado-Macias, A., Arnache, O., Gomez, M. E., Lopera, W. & Zambrano, G. (2019). Effect of Zn Concentration on the Structure, Morphology, and Magnetic Behavior of Ni<sub>1</sub>-Xznxfe<sub>2</sub>o<sub>4</sub> Ferrofluid. [Journal of Superconductivity and Novel Magnetism](#), 32(7): 2199-2208.

- 67 Avendano, O., Velazquez-Abunader, I., Fernandez-Jardon, C., Angeles-Gonzalez, L. E., Hernandez-Flores, A. & Guerra, A. (2019). Biomass and distribution of the red octopus (*Octopus maya*) in the north-east of the Campeche Bank. [Journal of the Marine Biological Association of the United Kingdom](#), 99(6): 1317-1323.
- 68 Sanchez-Tapia, I. A., Slater, M. & Olvera-Novoa, M. A. (2019). Evaluation of the Growth and Survival Rate of the Caribbean Sea Cucumber, *Isostichopus Badionotus* (Selenka, 1867), Early Juveniles Produced in Captivity. [Journal of the World Aquaculture Society](#), 50(4): 763-773.
- 69 Clavijo-Mejia, G. A., Espinosa-Arbelaez, D. G., Hermann-Munoz, J. A., Giraldo-Betancur, A. L. & Munoz-Saldana, J. (2019). Effect of HVOF Process Parameters on TiO<sub>2</sub> Coatings: An Approach Using DoE and First-Order Process Maps. [Journal of Thermal Spray Technology](#), 28(6): 1160-1172.
- 70 Aguilar-Medrano, R. & Vega-Cendejas, M. E. (2019). Implications of the Environmental Heterogeneity on the Distribution of the Fish Functional Diversity of the Campeche Bank, Gulf of Mexico. [Marine Biodiversity](#), 49(4): 1913-1929.
- 71 Lionetto, F., Lopez-Munoz, R., Espinoza-Gonzalez, C., Mis-Fernandez, R., Rodriguez-Fernandez, O. & Maffezzoli, A. (2019). A study on exfoliation of expanded graphite stacks in Candelilla wax. [Materials](#), 12(16): 2530.
- 72 Fernandez-Arguijo, B., Contreras-Briseno, A., Gutierrez-Castaneda, E. J. & Almanza-Robles, J. M. (2019). Effect of Fe<sub>2</sub>O<sub>3</sub>, V<sub>2</sub>O<sub>5</sub> and vanadium slag on the corrosion of NiAl<sub>2</sub>O<sub>4</sub> spinel. [Materials Chemistry and Physics](#), 234: 288-295.
- 73 Chino-Ulloa, A., Hernandez-Alejandro, M., Castrejon-Flores, J. L., Cabrera-Gonzalez, M., Torres-Avila, I. P., Velazquez, J. C., Ruiz-Trabolsi, P. A. & Hernandez-Sanchez, E. (2019). Development of Ultra-Low Friction Coefficient Films and Their Effect on the Biocompatibility of Biomedical Steel. [Materials Transactions](#), 60(8): 1605-1613.
- 74 Fragoso-Rubio, V., Velasco-Villa, M., Vallejo-Alarcon, M. A., Vasquez-Santacruz, J. A. & Hernandez-Perez, M. A. (2019). Consensus Problem for Linear Time-Invariant Systems With Time-Delay. [Mathematical Problems in Engineering](#), 2019: 1607474.
- 75 Sanchez-Alegria, A., Moreno, P., Loo-Yau, J. R. & Ortega-Cisneros, S. (2019). Time Domain Electromagnetic Transient Analysis of Aerial Nonuniform Transmission Lines Excited by an Incident Electromagnetic Field. [Mathematical Problems in Engineering](#), 2019: 4725024
- 76 Castillo-Gonzalez, R., Clempner, J. B. & Poznyak, A. S. (2019). Solving traffic queues at controlled-signalized intersections in continuous-time Markov games. [Mathematics and Computers in Simulation](#), 166: 183-297.
- 77 Moreno-Pedraza, A., Gabriel, J., Treutler, H., Winkler, R. & Vergara, F. (2019). Effects of Water Availability in the Soil on Tropane Alkaloid Production in Cultivated *Datura Stramonium*. [Metabolites](#), 9(7): 131.
- 78 Feliu, S., Veleza, L. & Garcia-Galvan, F. (2019). Effect of Temperature on the Corrosion Behavior of Biodegradable AZ31B Magnesium Alloy in Ringer's Physiological Solution. [Metals](#), 9(5): 591.

- 79 Santos-Munguia, P. C., Nava-Alonso, F., Rodriguez-Chavez, V. M. & Alonso-Gonzalez, O. (2019). Hidden gold in fire assay of gold telluride ores. [Minerals Engineering](#), 141: 105844.
- 80 Amaya, E., Alarcon, L., Martin-Tapia, D. et al. (2019). Activation of the Ca<sup>2+</sup> Sensing Receptor and the Pkc/Wnk4 Downstream Signaling Cascade Induces Incorporation of Zo-2 to Tight Junctions and Its Separation From 14-3-3. [Molecular Biology of the Cell](#), 30(18): 2377-2398.
- 81 Borgonio-Cuadra, V. M., Valdez-Vargas, C., Romero-Cordoba, S., Hidalgo-Miranda, A., Tapia-Guerrero, Y., Cerecedo-Zapata, C. M., Hernandez-Hernandez, O., Cisneros, B. & Magana, J. J. (2019). Wide Profiling of Circulating Micrnas in Spinocerebellar Ataxia Type 7. [Molecular Neurobiology](#), 56(9): 6106-6120.
- 82 Tomlinson, K. R., Pablo-Rodriguez, J. L., Bunawan, H. et al. (2019). Cassava Brown Streak Virus Ham1 Protein Hydrolyses Mutagenic Nucleotides and Is a Necrosis Determinant. [Molecular Plant Pathology](#), 20(8): 1080-1092.
- 83 Diaz-Fernandez, M., Salazar, M. I., Joseph-Nathan, P. & Burgueno-Tapia, E. (2019). Configurational Study of Diastereoisomeric Royleanone Diterpenoids From *Salvia Concolor*. [Natural Product Communications](#), 14(7): 1-8.
- 84 Pfennig, M. B. N., Dongol, K. G., Boston, G. M. R., Schmitz, S., Wartchow, R., Samaniego-Rojas, J. D., Koster, A. M. & Butenschon, H. (2019). Trifluoromethyl-Substituted Benzocyclobutenone and Benzocyclobutenedione: the Structure Anomaly of (Benzocyclobutenedione)Tricarbonylchromium Complexes. [Organometallics](#), 38(15): 3039-3052.
- 85 Miranda-Ozuna, J. F. T., Rivera-Rivas, L. A., Cardenas-Guerra, R. E., Hernandez-Garcia, M. S., Rodriguez-Cruz, S., Gonzalez-Robles, A., Chavez-Munguia, B. & Arroyo, R. (2019). Glucose-Restriction Increases *Trichomonas Vaginalis* Cellular Damage Towards Hela Cells and Proteolytic Activity of Cysteine Proteinases (Cps), Such as Tvcp2. [Parasitology](#), 146(9): 1156-1166.
- 86 Sanchez-Lopez, K. B., De Los Santos-Ramos, F. J., Gomez-Acata, E. S., Luna-Guido, M., Navarro-Noya, Y. E., Fernandez-Luqueno, F. & Dendooven, L. (2019). TiO<sub>2</sub> Nanoparticles Affect the Bacterial Community Structure and *Eisenia Fetida* (Savigny, 1826) in an Arable Soil. [PeerJ](#), 7: e6939.
- 87 Ramirez, A., Sipahi, R., Mondie, S. & Garrido, R. (2019). Fast Consensus in a Large-Scale Multi-Agent System With Directed Graphs Using Time-Delayed Measurements. [Philosophical Transactions of the Royal Society a-Mathematical Physical and Engineering Sciences](#), 377(2153): 20180130.
- 88 Evrard, B., Qu, A., Jimenez-Garcia, K., Dalibard, J. & Gerbier, F. (2019). Relaxation and Hysteresis Near Shapiro Resonances in a Driven Spinor Condensate. [Physical Review A](#), 100(2): 023604.
- 89 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Centrality and Pseudorapidity Dependence of the Transverse Energy Density in Ppb Collisions Ats Root S(Nn)=5.02 Tev. [Physical Review C](#), 100(2): 024902.
- 90 Acharya, S., Adamova, D., Adhya, S. P. et al. (2019). One-Dimensional Charged Kaon Femtoscopy in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physical Review C](#), 100(2): 024002.



- 91 Ayon-Beato, E., Bravo-Gaete, M., Correa, F., Hassaine, M. & Juarez-Aubry, M. M. (2019). Microscopic Entropy of Higher-Dimensional Nonminimally Dressed Lifshitz Black Holes. [Physical Review D](#), 100(4): 044024.
- 92 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2019). Properties of  $Z(C)(+/-)(3900)$  Produced in  $P(P)Over-Bar$  Collisions. [Physical Review D](#), 100(1): 012005.
- 93 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Search for the Production of  $(Www -/+)-W-+/-W-+/-$  Events at  $\sqrt{s}=13$  TeV. [Physical Review D](#), 100(1): 012004.
- 94 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Evidence for light-by-light scattering and searches for axion-like particles in ultraperipheral PbPb collisions at  $\sqrt{s_{NN}}=5.02$  TeV. [Physics Letters B](#), 797: 134826.
- 95 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Measurement of  $B(0)(s)$  meson production in pp and PbPb collisions at  $\sqrt{s}=5.02$  TeV. [Physics Letters B](#), 796: 168-190.
- 96 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Measurement of Electroweak  $Wz$  Boson Production and Search for New Physics in  $Wz$  Plus Two Jets Events in Pp Collisions at  $\sqrt{s}=13$  TeV. [Physics Letters B](#), 795: 281-307.
- 97 Acharya, S., AdamovÅi, D., Adhya, S. P. et al. (2019). Measurement of jet radial profiles in Pb-Pb collisions at  $\sqrt{s_{NN}}=2.76$  TeV. [Physics Letters B](#), 796: 204-219.
- 98 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Search for an Exotic Decay of the Higgs Boson to a Pair of Light Pseudoscalars in the Final State With Two Muons and Two B Quarks in Pp Collisions at 13 TeV. [Physics Letters B](#), 795: 398-423.
- 99 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Search for Higgs and Z boson decays to  $J/\psi$  or Y pairs in the four-muon final state in proton-proton collisions at  $\sqrt{s}=13$  TeV. [Physics Letters B](#), 797: 134811.
- 100 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). A search for pair production of new light bosons decaying into muons in proton-proton collisions at 13 TeV. [Physics Letters B](#), 796: 131-154.
- 101 Xiao, T. T., Raygoza, A. A., Perez, J. C. et al. (2019). Emergent Protective Organogenesis in Date Palms: a Morpho-Devo-Dynamic Adaptive Strategy During Early Development. [Plant Cell](#), 31(8): 1751-1766.
- 102 Castro-Torres, E., Jimenez-Sandoval, P., Romero-Romero, S., Fuentes-Pascacio, A., Lopez-Castillo, L. M., Diaz-Quezada, C., Fernandez-Velasco, D. A., Torres-Larios, A. & Brieba, L. G. (2019). Structural basis for the modulation of plant cytosolic triosephosphate isomerase activity by mimicry of redox-based modifications. [Plant Journal](#), 99(5): 950-964.

- 103 Gonzalez-Rodriguez, T., Cisneros-Hernandez, I., Bayona, J. A., Ramirez-Chavez, E., Martinez-Gallardo, N., Mellado-Mojica, E., Lopez-Perez, M. G., Molina-Torres, J. & Delano-Frier, J. (2019). Identification of Factors Linked to Higher Water-Deficit Stress Tolerance in *Amaranthus Hypochondriacus* Compared to Other Grain Amaranths and *A. Hybridus*, Their Shared Ancestor. [Plants-Basel](#), 8(7): 239.
- 104 Villasenor-Altamirano, A. B., Watson, J. D., Prokopec, S. D., Yao, C. Q., Boutros, P. C., Pohjanvirta, R., Valdes-Flores, J. & Elizondo, G. (2019). 2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver. [PloS One](#), 14(8): e0219747.
- 105 Gaona, O., Gomez-Acata, E. S., Cerqueda-Garcia, D., Neri-Barrios, C. X. & Falcon, L. I. (2019). Fecal microbiota of different reproductive stages of the central population of the lesser-long nosed bat, *Leptonycteris yerbabuenae*. [PloS One](#), 14(7): e0219982.
- 106 Orozco-Diaz, R., Sanchez-Alvarez, A., Hernandez-Hernandez, J. M. & Tapia-Ramirez, J. (2019). The interaction between RE1-silencing transcription factor (REST) and heat shock protein 90 as new therapeutic target against Huntington's disease. [PloS One](#), 14(7): e0220393.
- 107 Toriz, C. G., Melo, A. I., Solano-Agama, C. et al. (2019). Physiological changes of growth hormone during lactation in pup rats artificially reared. [PloS One](#), 14(8): e0220853.
- 108 Arancibia, R., Huentupil, Y., Buono-Core, G. E., Fuentealba, M., Chornik, B., Mendoza-Galvan, A. & Cabello-Guzman, G. (2019). Effect of annealing temperature on the structural, morphological and optical properties of ThO<sub>2</sub> thin films grown by photochemical metal-organic deposition. [Polyhedron](#), 171: 374-381.
- 109 Rendon-Anaya, M., Ibarra-Laclette, E., Mendez-Bravo, A. et al. (2019). The Avocado Genome Informs Deep Angiosperm Phylogeny, Highlights Introgressive Hybridization, and Reveals Pathogen-Influenced Gene Space Adaptation. [Proceedings of the National Academy of Sciences of the United States of America](#), 116(34): 17081-17089.
- 110 Villalpando-Reyna, A., Cortes-Hernandez, D. A., Granjeiro, J. M., Prado, M., Gorokhovskiy, A. V., Escobedo-Bocardo, J. C., Almanza-Robles, J. M. & Renteria-Zamarron, D. (2019). Development of Bioactive and Biocompatible Ceramic Composites Based on Potassium Polytitanate. [Processing and Application of Ceramics](#), 13(2): 149-156.
- 111 Cornejo-Granados, F., De La Barca, A. M. C., Torres, N. et al. (2019). Microbiome-Mx 2018: Microbiota and Microbiome Opportunities in Mexico, a Megadiverse Country. [Research in Microbiology](#), 170(4-5): 235-241.
- 112 Cordero, F., Del Valle, T. & Morales, A. (2019). Uses of the Optimization of Engineers in Training: the Role of Mechatronic Engineering and the Work of Lagrange. [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 22(2): 185-212.
- 113 Kuk-Dzul, J. G., Solis-Marin, F. A., Herrera-Dorantes, M. T. & Ardisson, P. L. (2019). Brittle Stars (Echinodermata: Ophiuroidea) of Coastal Lagoons From the Northern Yucatan Peninsula, Mexico. [Revista Mexicana De Biodiversidad](#), 90: e902698.

- 114 Lira-Perez, J., Hidalgo-Lara, M. E., Melendez-Estrada, J., Gonzalez-De Jesus, B. J. & Rodriguez-Vazquez, R. (2019). The Contribution of H<sub>2</sub>O<sub>2</sub> Produced by *Aspergillus Niger* in Vat Blue Dye Discoloration: Enhancement by a Statistical Optimization Methodology. [Revista Mexicana De Ingenieria Quimica](#), 18(2): 701-714.
- 115 Igno-Rosario, O., Hernandez-Aguilar, C., Cruz-Orea, A. & Dominguez-Pacheco, A. (2019). Interactive system for painting artworks by regions using a robot. [Robotics and Autonomous Systems](#), 121: 103263.
- 116 Vlasova, M., Kakazey, M., Marquez-Aguilar, P. A., Guardian-Tapia, R., Castro-Hernandez, A., Mel'nikov, I., Fironov, Y. & Bahena-Uribe, D. (2019). Processes connected with local laser heating of TiB<sub>2</sub> armor ceramics. [Science of Sintering](#), 51(2): 1-10.
- 117 Acosta-Silva, Y. J., Torres-Pacheco, I., Matsumoto, Y., Toledano-Ayala, M., Soto-Zarazua, G. M., elaya-Angel, O. & Mendez-Lopez, A. (2019). Applications of solar and wind renewable energy in agriculture: A review. [Science Progress](#), 102(2): 127-140.
- 118 Muniz-Castillo, A. I., Rivera-Sosa, A., Chollett, I., Eakin, C. M., Andrade-Gomez, L., Mcfield, M. & Arias-Gonzalez, J. E. (2019). Three Decades of Heat Stress Exposure in Caribbean Coral Reefs: a New Regional Delineation to Enhance Conservation. [Scientific Reports](#), 9: 11013.
- 119 Estrada-Cabrera, E., Torres-Ferrer, L. R., Aztatzi-Aguilar, O. G. et al. (2019). Chitosan-bioglass coatings on partially nanostructured anodized Ti-6Al-4V alloy for biomedical applications. [Surface & Coatings Technology](#), 375: 468-476.
- 120 Gomez, M. A., Egorov, A. V., Mondie, S. & Zhabko, A. P. (2019). Computation of the Lyapunov matrix for periodic time-delay systems and its application to robust stability analysis. [Systems & Control Letters](#), 132: 104501.
- 121 Fuentes-Hernandez, S., Alarcon-Sanchez, B. R., Guerrero-Escalera, D. et al. (2019). Chronic Administration of Diethylnitrosamine to Induce Hepatocarcinogenesis and to Evaluate Its Synergistic Effect With Other Hepatotoxins in Mice. [Toxicology and Applied Pharmacology](#), 378: 114611.
- 122 Godinez-Solis, Y., Solis-Heredia, M. J., Roa-Espitia, A., Parra-Forero, L. Y., Hernandez-Gonzalez, E. O., Hernandez-Ochoa, I. & Quintanilla-Vega, B. (2019). Low concentrations of lead decrease the sperm fertilization ability by altering the acrosome reaction in mice. [Toxicology and Applied Pharmacology](#), 380: 114694.
- 123 Rincon-Sandoval, L. A., Velazquez-Abunader, I. & Brule, T. (2019). Factors Affecting Catchability in Longline Fishing of Red Grouper in the Southeastern Gulf of Mexico. [Transactions of the American Fisheries Society](#), 148(4): 857-868.
- 124 Romero-Lopez, N., Luna-Martinez, F., Gallegos-Brito, C., Escobar-Turriza, P., Aguilar-Espinosa, M., Valdez-Ojeda, R., Simpson, J. & Rivera-Madrid, R. (2019). An Integrated Genetic Linkage Map of *Bixa Orellana* L. [Tree Genetics & Genomes](#), 15(4): 65.

125 Calderon-Perez, B., Piedra-Ibarra, E., De la Torre-Almaraz, R., Xoconostle-Cazares, B. & Ruiz-Medrano, R. (2019). Host-specific loss of sequences of an alfalfa mosaic virus isolate during systemic infection. [Virus Research](#), 272: 197703.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

126 Ros, E., Barquera, Z., Ortega, P. R., Gerling, L. G., Masmitja, G., Martin, I., Alcubilla, R., Puigdollers, J. & Voz, C. (2019). Improved Electron Selectivity in Silicon Solar Cells by Cathode Modification with a Dipolar Conjugated Polyelectrolyte Interlayer. [Acs Applied Energy Materials](#), 2(8): 5954-5959.

127 Farfan-Marquez, R. M. & Romero-Fonseca, F. W. (2019). Learning situation for the trigonometric fourier series from a socio-epistemological stand point. [Acta Scientiae](#), 21(2): 28-48.

128 Palmerin-Carreno, D. M., Cordero-Soto, I. N., Valle-Cervantes, S., Rios-Nunez, L. G., Prado-Barragan, L. A. & Rutiaga-Quinones, O. M. (2019). Multiphase bioreactors in the food industry: Aroma production. [Advances in Chemical Engineering](#), 54, 151-193.

129 Sanchez-Adame, L. M., Mendoza, S., Meneses-Viveros, A., & Rodriguez, J. (2019). Consistency in Multi-device Environments: A Case Study. [Advances in Intelligent Systems and Computing](#), 997, 232-242.

130 Macias, J. D., Bante-Guerra, J., Romero-Paredes, H., Arancibia-Bulnes, C. A., Villafan-Vidales, H. I., Ares-Muzio, O. E., Ramos-Sanchez, V. & Alvarado-Gil, J. J. (2019). Photothermal and thermography techniques applied in the characterization of the thermophysical properties of solar absorbers: A review. [Aip Conference Proceedings](#), 2126, 020002.

131 Inzunza-Cazares, S. & Islas-Anguiano, E. (2019). Design and evaluation of a hypothetical learning trajectory to confidence intervals based on simulation and real data. [Bolema - Mathematics Education Bulletin](#), 33(63): 1-26.

132 Cuevas, Y. & Rangel, K. (2019). Analysis of the teaching career in primary education in Mexico: Between credentialism and meritocracy. [Education Policy Analysis Archives](#), 27(44): 1-23.

133 Mendez-Arreola, R. & Kalman, J. (2019). What local scientists write. Text as a social action. [Ikala](#), 24(2): 271-290.

134 Rivera-Figueroa, A. & Guevara-Basaldúa, V. (2019). On Conceptual Aspects of Calculus: a Study With Engineering Students From a Mexican University. [International Journal of Mathematical Education in Science and Technology](#), 50(6): 883-894.

135 Godina-Nava, J. J., Eduardo-Ambrosio, P. & Sanchez-Dominguez, D. (2019). Comparative analyzes of 120 Hz Electromagnetic Field, respect the interferon-Beta and Transfer Factor effect in the recovery of chronic ulcers measuring the frequency of the lymphocytes CD4+ and CD8+ in an animal model. [Journal of Physics Conference Series](#), 1221: 012056.

- 136 Godina-Nava, J. J., Galan-Vera, M. M., Eduardo-Ambrosio, P. & Sanchez-Dominguez, D. (2019). Kinematical analyses and of stability for star-gear wheelchair type to climb ladders independently. [Journal of Physics Conference Series](#), 1221: 012057.
- 137 Olvera, L. I., Villanueva, G. C., Cruz, A., Sanchez, N., Olvera, S. J. & Alvarado, M. L. (2019). Relationship between haemoglobin and glucose in type 1 experimental diabetes. [Journal of Physics Conference Series](#), 1221: 012070.
- 138 Lopez-Esquivel, R. I., Guzman-Mendoza, J., Rivera-Montalvo, T., Torres, J. G., Guzman-Olguin, J. C. & Falcony, C. (2019). Temperature effect on the luminescent emission of hafnium oxide doped with europium ion. [Journal of Physics Conference Series](#), 1221: 012003.
- 139 Gonzalez-Amezcuca, O. & Hernandez-Contreras, M. (2019). The electrolytes in layered charged interfaces modulate the total pressure by ion condensation. [Journal of Physics Conference Series](#), 1221: 012022.
- 140 Peredo-Ortiz, R. & Hernandez-Contreras, M. (2019). Viscoelastic moduli of ferrofluid. [Journal of Physics Conference Series](#), 1221: 012023.
- 141 Yu, W., Li, X. & Gonzalez, J. (2019). Fast Training of Deep LSTM Networks. [Lecture Notes in Computer Science](#), 11554, 3-10.
- 142 Ramirez-Diaz, A. J., Rodriguez-Garcia, J., Mendoza, S. & Meneses-Viveros, A. (2019). Indoor Location and Tracking System Using Computer Vision. [Lecture Notes in Computer Science](#), 11354, 613-624.
- 143 Chairez, I., Poznyak, A., Nazin, A., & Poznyak, T. (2019). Projectional Learning Laws for Differential Neural Networks Based on Double-Averaged Sub-Gradient Descent Technique. [Lecture Notes in Computer Science](#), 11554, 28-38.
- 144 Gaxiola-Tirado, J. A., Rodriguez-Ugarte, M., Ianez, E., Ortiz, M., Gutierrez, D., & Azorin, J. M. (2019). The Effect of tDCS on EEG-Based Functional Connectivity in Gait Motor Imagery. [Lecture Notes in Computer Science](#), 11486, 3-10.
- 145 Sanchez-Adame, L. M., Mendoza, S., Meneses-Viveros, A., & Rodriguez, J. (2019). Towards a Set of Design Guidelines for Multi-device Experience. [Lecture Notes in Computer Science](#), 11566, 210-223.
- 146 Hernandez-Rubio, E., Meneses-Viveros, A. & Munoz-Salazar, L. (2019). User Experience in Older Adults Using Tablets for Neuropsychological Tests in Mexico City. [Lecture Notes in Computer Science](#), 11577, 135-149.
- 147 Didou-Aupetit, S. (2019). La internacionalizacion de las universidades mexicanas hacia Asia del Este: Una modalidad de cooperacion Sur-Sur? [Perfiles Educativos](#), 40(163): 138-155.
- 148 Ponce, A., Del Toro, A. O., Jimenez, L., Eligio-Garcia, L. & Jimenez-Cardoso, E. (2019). Injection of Mrna Isolated From Trophozoites of Giardia Intestinalis Induces Expression of Three Types of Chloride Currents in Xenopus Laevis Oocytes. [Physiological Reports](#), 7(11): e14029.

- 149 Block-Sevilla, D., Ramirez-Badillo, M. & Resendiz-Zamudio, L. (2019). ¿Cuanto pesa?, cuanto mide?: Una experiencia didáctica en una escuela primaria unitaria. [Revista Mexicana De Investigacion Educativa](#), 24(81): 537-564.
- 150 Weiss, E., Block-Sevilla, D., Civera, A., Davalos, A. & Naranjo, G. (2019). La enseñanza de distintas asignaturas en escuelas primarias: Una mirada a la práctica docente. [Revista Mexicana De Investigacion Educativa](#), 24(81): 349-374.
- 151 Lopez-Luna, J., Ramirez-Montes, L. E., Martinez-Vargas, S. et al. (2019). Linear and Nonlinear Kinetic and Isotherm Adsorption Models for Arsenic Removal by Manganese Ferrite Nanoparticles. [Sn Applied Sciences](#), 1(8): 950.
- 152 Silva-Juarez, A., Rodriguez-Gomez, G., De La Fraga, L. G., Guillen-Fernandez, O. & Tlelo-Cuautle, E. (2019). Optimizing the Kaplan-Yorke Dimension of Chaotic Oscillators Applying De and Pso. [Technologies](#), 7(2): 38.

**[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

- 153 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Erratum to: Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at  $s = 13$  TeV (Journal of High Energy Physics, (2018), 2018, 6, (127), 10.1007/JHEP06(2018)127). [Journal of High Energy Physics](#), 2019(3): 128.
- 154 Soto-Castro, L., Plata-Guzman, L. Y., Figueroa-Angulo, E. E. et al. (2019). Corrigendum: Iron responsive-like elements in the parasite Entamoeba histolytica. [Microbiology](#), 165(3): 366.
- 155 Cantoral, R., Reyes-Gasperini, D., Perez, B. C. & Jarquin, D. W. R. (2019). What We Know About Relime Readers? [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 22(2): 133-138.
- 156 Block, D., Civera, A., Dussel, I., Hernandez, D. & Davalos, A. (2019). Eduardo Weiss. [Revista Mexicana De Investigacion Educativa](#), 24(81): 343-347.
- 157 Li, W. Q., Herrera-Estrella, L. & Tran, L. S. P. (2019). Do Cytokinins and Strigolactones Crosstalk During Drought Adaptation? [Trends in Plant Science](#), 24(8): 669-672.

**[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

- 158 Fernandez-Herrera, M., Hilario-Martinez, J. C., Delit-Garcia, W., Zeferino-Diaz, R., Sandoval-Ramirez, J., Merino, G. & Jin, Z. D. (2019). Metal-Free C-C Bond Cleavage of Cholestane Model Aldehydes in Water. Abstracts of Papers of the American Chemical Society, 257.

- 159 Loza-Mejia, M., Borbolla-Alvarez, S., Delgado, A., Valdes, M. P. E., Tejeda, J. F. S., Ceron-Nava, A., Quintana-Romero, O. J., Ariza-Castolo, A. & Garcia-Del Rio, D. F. (2019). Synthesis, in Silico, and in Vitro Evaluation of Long Chain Alkyl Amides From 2-Amino-4-Quinolone Derivatives as Biofilm Inhibitors. *Abstracts of Papers of the American Chemical Society*, 257.
- 160 Chung, C. K., O'quinn, E., Fuentes, A., Xu, H. W., Lang, M. & Navrotsky, A. (2019). Thermodynamics and Structural Evolution of Er<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> Pyrochlores Damaged by Swift Heavy Ion Irradiation and Mechanical Milling (La-Ur-18-29804). *Abstracts of Papers of the American Chemical Society*, 257.
- 161 Fernandez-Herrera, M., Sandoval-Ramirez, J., Munoz-Hernandez, M. A., Kurti, L. & Merino, G. (2019). Trans-Hydroboration-Oxidation Products. Revisiting the Reaction Mechanism in Delta 5-Steroids. *Abstracts of Papers of the American Chemical Society*, 257.
- 162 Madera-Salcedo, I. K., Danelli, L., Tiwari, N. et al. (2019). Tomosyn-1 Is a Gatekeeper of Mast Cell and Basophil Degranulation and Is Upregulated by High Levels of Ige. *Allergy*, 74: 266-267.
- 163 Villalon, C. M., Villanueva-Castillo, B., Rivera-Mancilla, E., Van Den Brink, A. M. & Haanes, K. A. (2019). The Role of G(I/O)-Coupled P2y Receptors in Adp Beta S-Induced Inhibition of the Cardioaccelerator Sympathetic Outflow in Pithed Rats: Pharmacological Correlation With the P2y(12) and P2y(13) Receptor Subtypes. *British Journal of Pharmacology*, 176(16): 2994-2995.
- 164 Verdugo, J. S., Castillo-Montesinos, M., Sanchez-Palestino, L. M., Tovar-Ramirez, J. G., Hernandez-Kelly, L. C. R. & Ortega, A. (2019). Exposure to Manganese Induces Pi3k/Akt Signaling in Bergmann Glial Cells. *Journal of Neurochemistry*, 150: 235.
- 165 Lopez, M. E., Hernandez-, L. C. R. & Ortega, A. (2019). Glast Activity Is Modified by Acute Manganese Exposure in Bergmann Glial Cells. *Journal of Neurochemistry*, 150: 95.
- 166 Hernandez-Kelly, L., Cid, L., Ortega, A. & Castelan, F. (2019). Glutamate and Glucose Uptake in Bergmann Glia Cells Are Modified by Bisphenol-a and 17 Beta-Estradiol. *Journal of Neurochemistry*, 150: 230.
- 167 Tiburcio, R., Ortega, A., Luna, J. & Hernandez, A. (2019). Glutamate Inhibits Neural Oxide Nitric Synthase Degradation in Bergmann Glial Cells. *Journal of Neurochemistry*, 150: 236.
- 168 Silva, J., Mendez, L., Bejarano-Perez, E., Hernandez-Kelly, L. C. H. & Ortega, A. (2019). Modafinil Regulates Glutamine Synthetase Via Pi3k-Akt Signalling Pathway in Cerebellum. *Journal of Neurochemistry*, 150: 235.
- 169 Campero-Romero, A., Rios-Castro, E., Cardenas-Rivera, A. & Tovar-Y-Romo, L. B. (2019). Proteomic Profiling of Exosomes Derived From Brain Microvascular Endothelial Cells Under Hypoxia: Potential Role in Remyelination. *Journal of Neurochemistry*, 150: 127.
- 170 Sanchez, F., Rodriguez, A. & Ortega, A. (2019). Signaling Cascades Associated to the Exposure to Silica Nanoparticles in Retina Glial Cells. *Journal of Neurochemistry*, 150: 234.

**[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS**

- 171 Chanez-Paredes, S., Montoya-Garcia, A. & Schnoor, M. (2019). Cellular and pathophysiological consequences of Arp2/3 complex inhibition: role of inhibitory proteins and pharmacological compounds. [Cellular and Molecular Life Sciences](#), 76(17): 3349-3361.
- 172 Torres-Aguilar, H., Sosa-Luis, S. A. & Aguilar-Ruiz, S. R. (2019). Infections as triggers of flares in systemic autoimmune diseases: novel innate immunity mechanisms. [Current Opinion in Rheumatology](#), 31(5): 525-531.
- 173 Castillo, X., Castro-Obregon, S., Gutierrez-Becker, B. et al. (2019). Re-Thinking the Etiological Framework of Neurodegeneration. [Frontiers in Neuroscience](#), 13: 728.
- 174 Gonzalez, N., Arcos-Lopez, T., Konig, A., Quintanar, L., Marquez, M. M., Outeiro, T. F. & Fernandez, C. O. (2019). Effects of Alpha-Synuclein Post-Translational Modifications on Metal Binding. [Journal of Neurochemistry](#), 150(5): 507-521.
- 175 Hernandez-Munive, A. K., Rebolledo-Solleiro, D. & Fernandez-Guasti, A. (2019). Does Chronic Hyperglycemia Affect Female Rat Sexual Behavior? Differences in Paced and Non-Paced Mating. [Journal of Sexual Medicine](#), 16(8): 1130-1142.
- 176 Castaneda-Hernandez, G., Sandoval, H., Coindreau, J., Rodriguez-Davison, L. F. & Pineda, C. (2019). Barriers Towards Effective Pharmacovigilance Systems of Biosimilars in Rheumatology: a Latin American Survey. [Pharmacoepidemiology and Drug Safety](#), 28(8): 1035-1044.
- 177 Ghamari, N., Zarei, O., Arias-Montano, J. A., Reiner, D., Dastmalchi, S., Stark, H. & Hamzeh-Mivehroud, M. (2019). Histamine H-3 Receptor Antagonists/Inverse Agonists: Where Do They Go? [Pharmacology & Therapeutics](#), 200: 69-84.
- 178 De Coss-Martinez, R., Valez-Pinzon, C. & De Coss, R. (2019). Comment on "How to get mechanical work from a capacitor and a couple of batteries" by E.N. Miranda [Rev. Mex. Fis. E 52 (2006) 215]. [Revista Mexicana De Fisica E](#), 65(2): 101-102.

Última actualización: agosto 05, 2019. 01:08 p.m.