

ARTÍCULOS DEL MES DE FEBRERO DE 2018

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

- 1 Bilgin, I., Raeliarijaona, A. S., Lucking, M. C., Hodge, S. C., Mohite, A. D., Bugallo, A. D., Terrones, H. & Kar, S. (2018). Resonant Raman and Exciton Coupling in High-Quality Single Crystals of Atomically Thin Molybdenum Diselenide Grown by Vapor-Phase Chalcogenization. [Acs Nano](#), 12(1), 740-750.
- 2 Ibanez-Cervantes, G., Leon-Avila, G., Bello-Lopez, J. M., Perez-Rangel, A., Leon-Garcia, G., Noguera-Torres, B. & Hernandez, J. M. (2018). Changes in the Incidence of Intestinal Giardiasis in Mexican Population During Five Years (2011-2015). [Acta Parasitologica](#), 63(1), 40-47.
- 3 Arni, S., De Wijn, R., Garcia-Villegas, R., Bitanhirwe, B. K. Y., Caviezel, C., Weder, W. & Hillinger, S. (2018). A strategy to analyse activity-based profiling of tyrosine kinase substrates in OCT-embedded lung cancer tissue. [Analytical Biochemistry](#), 547, 77-83.
- 4 Kravchenko, V. V. (2018). Construction of a transmutation for the one-dimensional Schrödinger operator and a representation for solutions. [Applied Mathematics and Computation](#), 328, 75-81.
- 5 Vazquez-Guerra, R. J., Marquez-Rubio, J. F., Hernandez-Perez, M. A., Del Muro-Cuellar, B. & Sanchez-Garcia, J. C. (2018). Dynamic Delayed Controllers for Recycling Systems With Internal Delays and Complex Poles. [Asia-Pacific Journal of Chemical Engineering](#), 13(1), e2146.
- 6 Albert, A., Alfaro, R., Alvarez, C. et al. (2018). Dark Matter Limits From Dwarf Spheroidal Galaxies With the HAWC Gamma-Ray Observatory. [Astrophysical Journal](#), 853(2), 154.
- 7 LangLang, R. G., Martinez-Huerta, H. & De Souza, V. (2018). Limits on the Lorentz Invariance Violation From UHECR Astrophysics. [Astrophysical Journal](#), 853(1), 23.
- 8 Aab, A., Abreu, P., Aglietta, M. et al. (2018). An Indication of Anisotropy in Arrival Directions of Ultra-High-Energy Cosmic Rays Through Comparison to the Flux Pattern of Extragalactic Gamma-Ray Sources. [Astrophysical Journal Letters](#), 853(2), L29.
- 9 Palomino-Vizcaino, G., Valencia-Resendiz, D. G., Benitez-Hess, M. L. et al. (2018). Effect of HPV16 L1 virus-like particles on the aggregation of non-functionalized gold nanoparticles. [Biosensors & Bioelectronics](#), 100, 176-183.
- 10 Caamal-Herrera, I. O., Carrillo-Cocom, L. M., Escalante-Rendiz, D. Y., Araiz-Hernandez, D. & Azamar-Barrios, J. A. (2018). "Antimicrobial and Antiproliferative Activity of Essential Oil, Aqueous and Ethanolic Extracts of *Ocimum Micranthum* Willd Leaves". [Bmc Complementary and Alternative Medicine](#), 18, 55.

- 11 Kantun-Manzano, C. A., Herrera-Silveira, J. A. & Arcega-Cabrera, F. (2018). Influence of Coastal Submarine Groundwater Discharges on Seagrass Communities in a Subtropical Karstic Environment. [Bulletin of Environmental Contamination and Toxicology](#), 100(1), 176-183.
- 12 Montalvo, D., Perez-Trevino, P., Madrazo-Aguirre, K. et al. (2018). Underlying mechanism of the contractile dysfunction in atrophied ventricular myocytes from a murine model of hypothyroidism. [Cell Calcium](#), 72, 26-38.
- 13 Arambula-Villa, G., Flores-Casamayor, V., Veles-Medina, J. J. & Salazar, R. (2018). Mitigating Effect of Calcium and Magnesium on Acrylamide Formation in Tortilla Chips. [Cereal Chemistry](#), 95(1), 94-97.
- 14 Chepyshev, S. V., Fleming, F. F., Pitta, B. R., Vangala, S. R., Lujan-Montelongo, J. A. & Steward, O. W. (2018). Electrophile-Directed Diastereoselective Oxonitrile Alkylations. [Chemistry](#), 24(12), 2850-2853.
- 15 Manko, V. S. & Garcia-Compean, H. (2018). Smarr Formula for Black Holes Endowed With Both Electric and Magnetic Charges. [Classical and Quantum Gravity](#), 35(6), 064001.
- 16 Burgos, J. M. (2018). Singularities in Negami's splitting formula for the Tutte polynomial. [Discrete Applied Mathematics](#), 237, 65-74.
- 17 Duque, F., Fabila-Monroy, R. & Hidalgo-Toscano, C. (2018). Point Sets With Small Integer Coordinates and No Large Convex Polygons. [Discrete & Computational Geometry](#), 59(2), 461-476.
- 18 Zapata-Morales, J. R., Alonso-Castro, A. J., Granados-Soto, V., Sanchez-Enriquez, S. & Isiordia-Espinoza, M. A. (2018). Assessment of the Antinociceptive and Ulcerogenic Activity of the Tapentadol-Diclofenac Combination in Rodents. [Drug Development Research](#), 79(1), 38-44.
- 19 Ortiz, M. I., Carino-Cortes, R., Ponce-Monter, H. A., Castaneda-Hernandez, G. & Chavez-Pina, A. E. (2018). Pharmacological Interaction of -Bisabolol and Diclofenac on Nociception, Inflammation, and Gastric Integrity in Rats. [Drug Development Research](#), 79(1), 29-37.
- 20 Arrieta-Paternina, M. R., Zamora-Mendez, A., Ortiz-Bejar, J., Chow, J. H. & Ramirez, J. M. (2018). Identification of coherent trajectories by modal characteristics and hierarchical agglomerative clustering. [Electric Power Systems Research](#), 158, 170-183.
- 21 Martin, A. & Schutze, O. (2018). Pareto Tracer: a Predictor-Corrector Method for Multi-Objective Optimization Problems. [Engineering Optimization](#), 50(3), 516-536.

22 Paredes-Chi, A. A. & Viga-De Alva, M. D. (2018). Environmental Education (Ee) Policy and Content of the Contemporary (2009-2017) Mexican National Curriculum for Primary Schools. [Environmental Education Research](#), 24(4), 564-580.

23 Gamboa-Loira, B., Hernandez-Alcaraz, C., Gandolfi, A. J., Cebrian, M. E., Burguete-Garcia, A., Garcia-Martinez, A. & Lopez-Carrillo, L. (2018). Arsenic methylation capacity in relation to nutrient intake and genetic polymorphisms in one-carbon metabolism. [Environmental Research](#), 164, 18-23.

24 Centurion, D., Huerta-De la Cruz, S., Castillo-Santiago, S. V., Becerril-Chacon, M. E., Torres-Perez, J. A. & Sanchez-Lopez, A. (2018). NaHS prejunctionally inhibits the cardioaccelerator sympathetic outflow in pithed rats. [European Journal of Pharmacology](#), 823, 35-40.

25 Klanian, M. G., Perez, O. Z. & Vela-Magana, M. A. (2018). Phenotypic Plasticity in Gene Expression and Physiological Response in Red Drum *Sciaenops Ocellatus* Exposed to a Long-Term Freshwater Environment. [Fish Physiology and Biochemistry](#), 44(1), 73-85.

26 Benitez-Trinidad, A. B., Medina-Diaz, I. M., Bernal-Hernandez, Y. Y., Barron-Vivanco, B. S., Gonzalez-Arias, C. A., Herrera-Moreno, J. F., Alvarado-Cruz, I., Quintanilla-Vega, B. & Rojas-Garcia, A. E. (2018). Relationship between LINE-1 methylation pattern and pesticide exposure in urban sprayers. [Food and Chemical Toxicology](#), 113, 125-133.

27 Patricio-Gomez, J. M., Valdez, R. A., Veloz, A., Aguilar-Vega, L., Zurabian, R. & Romano, M. C. (2018). The synthesis of steroids by *Taenia crassiceps* WFU cysticerci and tapeworms is related to the developmental stages of the parasites. [General and Comparative Endocrinology](#), 259, 154-160.

28 Urzua-Abarca, D. A., Fuentes-Aceituno, J. C., Uribe-Salas, A. & Lee, J. C. (2018). An electrochemical study of silver recovery in thiosulfate solutions. A window towards the development of a simultaneous electroleaching-electrodeposition process. [Hydrometallurgy](#), 176, 104-117.

29 Perez-Garibay, R., Bello-Teodoro, S. & Rojas-Montes, J. C. (2018). Thermodynamic simulation of the reaction mechanism of Mn²⁺ oxidation with an SO₂/O₂ mixture. [Hydrometallurgy](#), 176, 260-265.

30 Lin, Q. Z., Liu, S. B., Zhu, Q. L., Tang, C. Y., Song, R. Z., Chen, J. Y., Coello, C. A. C., Wong, K. C. & Zhang, J. (2018). Particle Swarm Optimization With a Balanceable Fitness Estimation for Many-Objective Optimization Problems. [IEEE Transactions on Evolutionary Computation](#), 22(1), 32-46.

31 Aichholzer, O., Atienza, N., Diaz-Banez, J. M., Fabila-Monroy, R., Flores-Penalzoza, D., Perez-Lantero, P., Vogtenhuber, B. & Urrutia, J. (2018). Computing balanced islands in two colored point sets in the plane. [Information Processing Letters](#), 135, 28-32.

- 32 Mancilla-Olea, M. I., Ortega-Lopez, J., Figueroa-Angulo, E. E. et al. (2018). Trichomonas vaginalis cathepsin D-like aspartic proteinase (Tv-CatD) is positively regulated by glucose and degrades human hemoglobin. [International Journal of Biochemistry & Cell Biology](#), 97, 1-15.
- 33 Camacho-Chab, J. C., Castaneda-Chavez, M. R., Galaviz-Villa, I. et al. (2018). Biosorption of Cadmium by Non-Toxic Extracellular Polymeric Substances (EPS) Synthesized by Bacteria from Marine Intertidal Biofilms. [International Journal of Environmental Research and Public Health](#), 15(2), 314.
- 34 Mena-Duran, C. J., Alonso-Lemus, I. L., Quintana, P., Barbosa, R., Ordonez, L. C. & Escobar, B. (2018). Preparation of metal-free electrocatalysts from cassava residues for the oxygen reduction reaction: A sulfur functionalization approach. [International Journal of Hydrogen Energy](#), 43(6), 3172-3179.
- 35 Paul, S., Yu, W. & Li, X. O. (2018). Bidirectional Active Control of Structures With Type-2 Fuzzy Pd and Pid. [International Journal of Systems Science](#), 49(4), 766-782.
- 36 Tabasco-Novelo, C., May-Crespo, J., Ramirez-Rincon, J. A., Forero-Sandoval, I. Y., Rodriguez-Gattorno, G., Quintana, P. & Alvarado-Gil, J. J. (2018). Effects of Sintering on the Thermal and Optical Properties of Zinc Oxide Ceramic. [International Journal of Thermophysics](#), 39(2), 22.
- 37 Garcia-Villamar, V., Hernandez-Aragon, L. G., Chavez-Rios, J. R., Ortega, A., Martinez-Gomez, M. & Castelan, F. (2018). Expression of Glial Cell Line-Derived Neurotrophic Factor (Gdnf) and the Gdnf Family Receptor Alpha Subunit 1 in the Paravaginal Ganglia of Nulliparous and Primiparous Rabbits. [International Neurology Journal](#), 22, S23-S33.
- 38 Pablo-Perez, S. S., Parada-Cruz, B., Barbier, O. C. & Melendez-Camargo, M. E. (2018). The Ethanolic Extract of Eysenhardtia Polystachya (Ort.) Sarg. Bark and Its Fractions Delay the Progression of Rheumatoid Arthritis and Show Antinociceptive Activity in Murine Models. [Iranian Journal of Pharmaceutical Research](#), 17(1), 236-248.
- 39 Huerta, E. F., Carmona-Tellez, S., Cabanas-Moreno, J. G. & Falcony, C. (2018). Visible and near infrared upconversion photoluminescence from Y2O3:Er3+, Yb3+, Li+ phosphors under 1532-nm excitation light. [Journal of Alloys and Compounds](#), 732, 422-428.
- 40 Perez-Sanchez, G., Jimenez, A., Quezada-Ramirez, M. A. et al. (2018). Annexin A1, Annexin A2, and Dyrk 1b Are Upregulated During Gas1-Induced Cell Cycle Arrest. [Journal of Cellular Physiology](#), 233(5), 4166-4182.
- 41 Silva, L., Valdes-Lozano, D., Escalante, E. & Gasca-Leyva, E. (2018). Dynamic root floating technique: An option to reduce electric power consumption in aquaponic systems. [Journal of Cleaner Production](#), 183, 132-142.

- 42 Reynaga-Pena, C. G., Sandoval-Rios, M., Torres-Frias, J., Lopez-Suero, C., Garza, A. L., Felix, M. D., Maitland, M. G. & Ibanez, J. G. (2018). Creating a Dialogic Environment for Transformative Science Teaching Practices: Towards an Inclusive Education for Science. [Journal of Education for Teaching](#), 44(1), 44-57.
- 43 Fernandez-Limon, C., Fernandez-Cardenas, J. M. & Galindo, A. A. G. (2018). The Role of Non-Formal Contexts in Teacher Education for Stem: the Case of Horno(3) Science and Technology Interactive Centre. [Journal of Education for Teaching](#), 44(1), 71-89.
- 44 Del Angel-Coronel, O. A., Leon-Garcia, E., Vela-Gutierrez, G., Rojas-Reyes, J. O., Gomez-Lim, M. A. & Garcia, H. S. (2018). Lipoxygenase Activity Associated to Fruit Ripening and Senescence in Chayote (*Sechium Edule* Jacq. Sw. Cv. "Virens Levis"). [Journal of Food Biochemistry](#), 42(1), e12438.
- 45 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Pseudorapidity Distributions of Charged Hadrons in Proton-Lead Collisions at Root $S(Nn)=5.02$ and 8.16 Tev. [Journal of High Energy Physics](#), (1), 045.
- 46 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Low Mass Vector Resonances Decaying Into Quark-Antiquark Pairs in Proton-Proton Collisions at Root $S=13$ Tev. [Journal of High Energy Physics](#), (1), 097.
- 47 Angel-Huerta, F., Gonzalez-Araoz, M. P., Sanchez-Ramirez, J. F., Diaz-Reyes, J., Herrera-Perez, J. L., Arias-Ceron, J. S. & Mendoza-Alvarez, J. G. (2018). Synthesis temperature-dependent optical properties of ZnS-shell formation on InP nanoparticles. [Journal of Luminescence](#), 197, 277-284.
- 48 Sanjuan, M. L., Orera, A., Sobrados, I., Fuentes, A. F. & Sanz, J. (2018). Structural Transition in Orthorhombic $Li_5-Xh_xLa_3nb_2o_{12}$ Garnets Induced by a Concerted Lithium and Proton Diffusion Mechanism. [Journal of Materials Chemistry A](#), 6(6), 2708-2720.
- 49 Arreaga-Gonzalez, H. M., Pardo-Novoa, J. C., Del Rio, R. E., Rodriguez-Garcia, G., Torres-Valencia, J. M., Manriquez-Torres, J. J., Cerda-Garcia-Rojas, C. M., Joseph-Nathan, P. & Gomez-Hurtado, M. A. (2018). Methodology for the Absolute Configuration Determination of Epoxythymols Using the Constituents of *Ageratina Glabrata*. [Journal of Natural Products](#), 81(1), 63-71.
- 50 Guzman-Mejia, F., Lopez-Rubalcava, C. & Gonzalez-Espinosa, C. (2018). Stimulation of Nachr Alpha 7 Receptor Inhibits Tnf Synthesis and Secretion in Response to Lps Treatment of Mast Cells by Targeting Erk1/2 and Tace Activation. [Journal of Neuroimmune Pharmacology](#), 13(1), 39-52.
- 51 Perez-Rodriguez, M. J., Velazquez-Lagunas, I., Pluma-Pluma, A., Barragan-Iglesias, P. & Granados-Soto, V. (2018). Anion exchanger 3 in dorsal root ganglion contributes to nerve injury-induced chronic mechanical allodynia and thermal hyperalgesia. [Journal of Pharmacy and Pharmacology](#), 70(3), 374-382.

52 Notario, R., Davalos, J. Z., Guzman-Mejia, R. & Juaristi, E. (2018). Gas-Phase Acidities and Basicities of Alanines and α -Benzylalanines by the Extended Kinetic Method. [Journal of Physical Chemistry A](#), 122(1), 383-389.

53 Oliva, J., Gomez-Solis, C., Diaz-Torres, L. A., Martinez-Luevanos, A., Martinez, A. I. & Coutino-Gonzalez, E. (2018). Photocatalytic Hydrogen Evolution by Flexible Graphene Composites Decorated With Ni(OH)₂ Nanoparticles. [Journal of Physical Chemistry C](#), 122(3), 1477-1485.

54 Rodriguez-Perez, M., Canto-Aguilar, E. J., Garcia-Rodriguez, R., De Denko, A. T., Oskam, G. & Osterloh, F. E. (2018). Surface Photovoltage Spectroscopy Resolves Interfacial Charge Separation Efficiencies in ZnO Dye-Sensitized Solar Cells. [Journal of Physical Chemistry C](#), 122(5), 2582-2588.

55 Cervantes-Alvarez, F., Macias, J. D. & Alvarado-Gil, J. J. (2018). Heat Transport in Electrically Aligned Multiwalled Carbon Nanotubes Dispersed in Water. [Journal of Physics D-Applied Physics](#), 51(6), 065302.

56 Ortiz-Salazar, M., Pech-May, N. W., Vales-Pinzon, C., Medina-Esquivel, R. & Alvarado-Gil, J. J. (2018). Magnetic Field Induced Tunability on the Thermal Conductivity of Ferrofluids Loaded With Carbon Nanofibers. [Journal of Physics D-Applied Physics](#), 51(7), 075003.

57 Arellano-Rivas, A., De-Nova, J. A. & Munguia-Rosas, M. A. (2018). Patch Isolation and Shape Predict Plant Functional Diversity in a Naturally Fragmented Forest. [Journal of Plant Ecology](#), 11(1), 136-146.

58 Hidber, C. E. & Xicotencatl, M. A. (2018). The Mod 2 Cohomology of the Mapping Class Group of the Klein Bottle With Marked Points. [Journal of Pure and Applied Algebra](#), 222(6), 1478-1488.

59 Meza-Cuenca, F., Medina-Contreras, J. M. L., Mailloux-Salinas, P. et al. (2018). Characterization of Free Fatty Acid Receptors Expression in an Obesity Rat Model With High Sucrose Diet. [Journal of Receptors and Signal Transduction](#), 38(1), 76-82.

60 Hernandez-Munive, A. K., Rebolledo-Solleiro, D., Ventura-Aquino, E. & Fernandez-Guasti, A. (2018). Reduced Lordosis and Enhanced Aggression in Paced and Non-Paced Mating in Diabetic Female Rats. [Journal of Sexual Medicine](#), 15(2), 124-135.

61 Castillo-Cruz, O., Perez-Aranda, C., Gamboa, F., Cauch-Rodriguez, J. V., Mantovani, D. & Aviles, F. (2018). Prediction of circumferential compliance and burst strength of polymeric vascular grafts. [Journal of the Mechanical Behavior of Biomedical Materials](#), 79, 332-340.

- 62 Fuentes-Delgado, V. H., Martinez-Saldana, M. C., Rodriguez-Vazquez, M. L., Reyes-Romero, M. A., Reyes-Sanchez, J. L. & Jaramillo-Juarez, F. (2018). Renal Damage Induced by the Pesticide Methyl Parathion in Male Wistar Rats. [Journal of Toxicology and Environmental Health-Part a-Current Issues](#), 81(6), 130-141.
- 63 Guevara-Pantoja, P. E., Jimenez-Valdes, R. J., Garcia-Cordero, J. L. & Caballero-Robledo, G. A. (2018). Pressure-actuated monolithic acrylic microfluidic valves and pumps. [Lab on a Chip](#), 18(4), 662-669.
- 64 Young, C., Martin, J. B., Branyon, J., Pain, A., Valle-Levinson, A., Marino-Tapia, I. & Vieyra, M. R. (2018). Effects of Short-Term Variations in Sea Level on Dissolved Oxygen in a Coastal Karst Aquifer, Quintana Roo, Mexico. [Limnology and Oceanography](#), 63(1), 352-362.
- 65 Hassett, B., Scheinberg, M., Castaneda-Hernandez, G. et al. (2018). Variability of Intended Copies for Etanercept (Enbrel (R)): Data on Multiple Batches of Seven Products. [Mabs](#), 10(1), 166-176.
- 66 Garcia-Cruz, N. U., Sanchez-Avila, J. I., Valdes-Lozano, D., Gold-Bouchot, G. & Aguirre-Macedo, L. (2018). Biodegradation of hexadecane using sediments from rivers and lagoons of the Southern Gulf of Mexico. [Marine Pollution Bulletin](#), 128, 202-207.
- 67 Medina-Montes, M. I., Campos-Gonzalez, E., Morales-Luna, M., Sanchez, T. G., Becerril-Silva, M., Mayan-Hernandez, S. A., De Moure-Flores, F. & Santos-Cruz, J. (2018). Development of phase-pure CuSbS₂ thin films by annealing thermally evaporated CuS/Sb₂S₃ stacking layer for solar cell applications. [Materials Science in Semiconductor Processing](#), 80, 74-84.
- 68 Ojeda-Barrero, G., Oliva-Aviles, A. I., Oliva, A. I., Maldonado, R. D., Acosta, M. & Alonzo-Medina, G. M. (2018). Effect of the substrate temperature on the physical properties of sprayed-CdS films by using an automatized perfume atomizer. [Materials Science in Semiconductor Processing](#), 79, 7-13.
- 69 Garnica-Garza, H. M. (2018). Directional Scatter Imaging for the Stereoscopic Tracking of Fiducial Markers in a Single Kv Exposure. [Medical Physics](#), 45(2), 703-713.
- 70 Rodriguez, E. N. H., Contreras, C. M. I., Herrera, A. M., Torres, M. G. Z., Gracia, A. B., De La Pena, J. A. D., Fernandez, R. M. & Chapa, J. L. P. (2018). Development of MgOx-TiOx Coatings for Modulation of Mg Corrosion Resistance. [Metallurgical Research & Technology](#), 115(2), 205.
- 71 Perez-Garibay, R., Bueno-Tokunaga, A., Estrada-Ruiz, R. H. & Camacho-Ortegon, L. F. (2018). Effect of surface electrical charge on microbubbles' terminal velocity and gas holdup. [Minerals Engineering](#), 119, 166-172.

- 72 Pinzon-Diaz, C. E., Quintanar-Escorza, M. A., Calderon-Salinas, J. V., Rosas-Flores, M. M., Hernandez, G. & Lopez-Betancourt, A. (2018). Eryptosis and oxidative damage in hypertensive and dyslipidemic patients. [Molecular and Cellular Biochemistry](#), 440(1-2), 105-113.
- 73 Aragon, J., Gonzalez-Reyes, M., Romo-Yanez, J., Vacca, O., Aguilar-Gonzalez, G., Rendon, A., Vaillend, C. & Montanez, C. (2018). Dystrophin Dp71 Isoforms Are Differentially Expressed in the Mouse Brain and Retina: Report of New Alternative Splicing and a Novel Nomenclature for Dp71 Isoforms. [Molecular Neurobiology](#), 55(2), 1376-1386.
- 74 Colin-Lozano, B., Estrada-Soto, S., Chavez-Silva, F. et al. (2018). Design, Synthesis and in Combo Antidiabetic Bioevaluation of Multitarget Phenylpropanoic Acids. [Molecules](#), 23(2), 340.
- 75 Guzman-Gutierrez, S. L., Silva-Miranda, M., Nieto-Camacho, A. et al. (2018). Mexican Propolis: A Source of Antioxidants and Anti-Inflammatory Compounds, and Isolation of a Novel Chalcone and $\hat{\mu}$ -Caprolactone Derivative. [Molecules](#), 23(2), 334. <http://www.mdpi.com/1420-3049/23/2/334>
- 76 Garcia-Valdivieso, G., Velazquez-Salazar, J. J., Samaniego-Benitez, J. E., Ojeda-Galvan, H. J., Arellano-Jimenez, M. J., Martinez-Reyna, K. G. H., Jose-Yacaman, M. & Navarro-Contreras, H. R. (2018). Zinc Oxide Decorated Multi-Walled Carbon Nanotubes: Their Bolometric Properties. [Nanotechnology](#), 29(12), 125607.
- 77 Nowoshilow, S., Schloissnig, S., Fei, J. F. et al. (2018). The Axolotl Genome and the Evolution of Key Tissue Formation Regulators. [Nature](#), 554(7690), 50-+.
- 78 Urnavicius, L., Lau, C. K., Elshenawy, M. M., Morales-Rios, E., Motz, C., Yildiz, A. & Carter, A. P. (2018). Cryo-Em Shows How Dynactin Recruits Two Dyneins for Faster Movement. [Nature](#), 554(7691), 202-+.
- 79 Monfil, T., Roque, R. A. V., Camacho-Abrego, I., Tendilla-Beltran, H., Iannitti, T., Meneses-Morales, I., Aguilar-Alonso, P., Flores, G. & Morales-Medina, J. C. (2018). Hyper-Response to Novelty Increases C-Fos Expression in the Hippocampus and Prefrontal Cortex in a Rat Model of Schizophrenia. [Neurochemical Research](#), 43(2), 441-448.
- 80 Jijon-Lorenzo, R., Caballero-Floran, I. H., Avalos-Fuentes, J. A., Paz-Bermudez, F. J., Recillas-Morales, S., Cortes, H., Erlij, D. & Floran, B. (2018). Presynaptic Dopamine D2 Receptors Modulate [(3)H]GABA Release at StriatoPallidal Terminals via Activation of PLC -> IP3 -> Calcineurin and Inhibition of AC -> cAMP -> PKA Signaling Cascades. [Neuroscience](#), 372, 74-86.
- 81 Lopez-Juarez, R., Zempoalteca, R., Corona-Quintanilla, D. L., Jimenez-Estrada, I., Castelan, F. & Martinez-Gomez, M. (2018). Multiparity Modifies Contractile Properties of Pelvic Muscles Affecting the Genesis of Vaginal Pressure in Rabbits. [Neurourology and Urodynamics](#), 37(1), 106-114.

- 82 Abeysekara, A. U., Alfaro, R., Alvarez, C. et al. (2018). Data acquisition architecture and online processing system for the HAWC gamma-ray observatory. [Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment](#), 888, 138-146.
- 83 Lakshminarayana, G., Kaky, K. M., Baki, S. O. et al. (2018). Nd³⁺-doped heavy metal oxide based multicomponent borate glasses for 1.06 [μ]m solid-state NIR laser and O-band optical amplification applications. [Optical Materials](#), 78, 142-159.
- 84 Castro-Elizalde, K. N., Hernandez-Contreras, P., Ramirez-Flores, C. J., Gonzalez-Pozos, S., De Leon, C. T. G., Mondragon-Castelan, M. & Mondragon-Flores, R. (2018). Mycophenolic Acid Induces Differentiation of Toxoplasma Gondii Rh Strain Tachyzoites Into Bradyzoites and Formation of Cyst-Like Structure in Vitro. [Parasitology Research](#), 117(2), 547-563.
- 85 Aranda-Barradas, M. E., Marquez, M., Quintanar, L., Santoyo-Salazar, J., Espadas-Alvarez, A. J., Martinez-Fong, D. & Garcia-Garcia, E. (2018). Development of a Parenteral Formulation of NTS-Polyplex Nanoparticles for Clinical Purpose. [Pharmaceutics](#), 10(1), 5.
- 86 Medina-Lopez, R., Vara-Gama, N., Soria-Arteche, O., Moreno-Rocha, L. A. & Lopez-Munoz, F. J. (2018). Pharmacokinetics and Pharmacodynamics of (S)-Ketoprofen Co-Administered with Caffeine: A Preclinical Study in Arthritic Rats. [Pharmaceutics](#), 10(1), 20.
- 87 Mena-Avila, E., Marquez-Gomez, R., Aquino-Miranda, G., Nieto-Alamilla, G. & Arias-Montano, J. A. (2018). Clobenpropit, a histamine H₃ receptor antagonist/inverse agonist, inhibits [3H]-dopamine uptake by human neuroblastoma SH-SY5Y cells and rat brain synaptosomes. [Pharmacological Reports](#), 70(1), 146-155.
- 88 Barragan-Iglesias, P., Oidor-Chan, V. H., Loeza-Alcocer, E. et al. (2018). Evaluation of the neonatal streptozotocin model of diabetes in rats: Evidence for a model of neuropathic pain. [Pharmacological Reports](#), 70(2), 294-303.
- 89 Marquez-Gomez, R., Robins, M. T., Gutierrez-Rodelo, C., Arias, J. M., Olivares-Reyes, J. A., Van Rijn, R. M. & Arias-Montano, J. A. (2018). Functional histamine H₃ and adenosine A_{2A} receptor heteromers in recombinant cells and rat striatum. [Pharmacological Research](#), 129, 515-525.
- 90 Pan, S., Ghara, M., Kar, S., Zarate, X., Merino, G. & Chattaraj, P. K. (2018). Noble Gas Encapsulated B-40 Cage. [Physical Chemistry Chemical Physics](#), 20(3), 1953-1963.
- 91 Bellini, E., Barreira, A., Frusciante, N. et al. (2018). Comparison of Einstein-Boltzmann Solvers for Testing General Relativity. [Physical Review D](#), 97(2), 023520.

- 92 Ayon-Beato, E., Ramirez-Baca, P. I. & Terrero-Escalante, C. A. (2018). Cosmological Stealths With Nonconformal Couplings. [Physical Review D](#), 97(4), 043505.
- 93 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Higgsino Pair Production in Pp Collisions at $\sqrt{s}=13$ TeV in Final States With Large Missing Transverse Momentum and Two Higgs Bosons Decaying Via $H \rightarrow B(\bar{B})$. [Physical Review D](#), 97(3), 032007.
- 94 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Supersymmetry in Proton-Proton Collisions at 13 TeV Using Identified Top Quarks. [Physical Review D](#), 97(1), 012007.
- 95 Aaltonen, T., Abazov, V. M., Abbott, B. et al. (2018). Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. [Physical Review Letters](#), 120(4), 042001.
- 96 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Azimuthal Anisotropy of Charged Particles With Transverse Momentum up to 100 GeV/c in PbPb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. [Physics Letters B](#), 776, 195-216.
- 97 Acharya, S., Adam, J., Adamova, D. et al. (2018). Constraining the Magnitude of the Chiral Magnetic Effect With Event Shape Engineering in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. [Physics Letters B](#), 777, 151-162.
- 98 Acharya, S., Adamova, D., Aggarwal, M. M. et al. (2018). First Measurement of Jet Mass in Pb-Pb and P-Pb Collisions at the LHC. [Physics Letters B](#), 776, 249-264.
- 99 Adamova, D., Aggarwal, M. M., Rinella, G. A. et al. (2018). J/Psi Production as a Function of Charged-Particle Pseudorapidity Density in P-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. [Physics Letters B](#), 776, 91-104.
- 100 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Measurements of $T(\bar{T})$ Cross Sections in Association With B Jets and Inclusive Jets and Their Ratio Using Dilepton Final States in Pp Collisions at $\sqrt{s}=13$ TeV. [Physics Letters B](#), 776, 355-378.
- 101 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Heavy Resonances Decaying to a Top Quark and a Bottom Quark in the Lepton Plus Jets Final State in Proton-Proton Collisions at 13 TeV. [Physics Letters B](#), 777, 39-63.
- 102 Vergara, F., Itouga, M., Becerra, R. G., Hirai, M., Ordaz-Ortiz, J. J. & Winkler, R. (2018). Funaria Hygrometrica Hedw. Elevated Tolerance to D₂O: Its Use for the Production of Highly Deuterated Metabolites. [Planta](#), 247(2), 405-412.

103 Rodriguez-Flores, L., Morales-Sandoval, M., Cumplido, R., Feregrino-Urbe, C. & Algreto-Badillo, I. (2018). Compact Fpga Hardware Architecture for Public Key Encryption in Embedded Devices. [Plos One](#), 13(1), e0190939.

104 Jimenez-Lopez, D., Aguilar-Henonin, L., Gonzalez-Prieto, J. M., Aguilar-Hernandez, V. & Guzman, P. (2018). Ctl5, a New Class of Ring-H2 Ubiquitin Ligases Uncovered by Yeell, a Motif Close to the Ring Domain That Is Present Across Eukaryotes. [Plos One](#), 13(1), e0190969.

105 Deberg, H. A., Zaidi, M. B., Altman, M. C. et al. (2018). Shared and Organism-Specific Host Responses to Childhood Diarrheal Diseases Revealed by Whole Blood Transcript Profiling. [Plos One](#), 13(1), e0192082.

106 Slik, J. W. F., Din, H., Metali, F. et al. (2018). Phylogenetic classification of the world's tropical forests. [Proceedings of the National Academy of Sciences of the United States of America](#), 115(8), 1837-1842.

107 Calle-Trivino, J., Cortes-Useche, C., Sellares-Blasco, R. I. & Arias-Gonzalez, J. E. (2018). Assisted fertilization of threatened Staghorn Coral to complement the restoration of nurseries in Southeastern Dominican Republic. [Regional Studies in Marine Science](#), 18, 129-134.

108 Melendez-Zajgla, J., Gaytan-Cervantes, J., Torres, A. et al. (2018). Genomics of a pediatric ovarian fibrosarcoma. Association with the DICER1 syndrome. [Scientific Reports](#), 8(1), 3252.

109 Guzman-Caballero, D. E., Quevedo-Lopez, M. A., De La Cruz, W. & Ramirez-Bon, R. (2018). Fully Patterned P-Channel Sno Tfts Using Transparent Al₂O₃ Gate Insulator and Ito as Source and Drain Contacts. [Semiconductor Science and Technology](#), 33(3), 035010.

110 Perez-Patricio, M., Camas-Anzueto, J. L., Sanchez-Alegria, A., Gutierrez-Miceli, F., Escobar-Gomez, E., Rios-Rojas, C., Grajales-Coutino, R., Aguilar-Gonzalez, A. & Voisin, Y. (2018). Optical Method for Estimating the Chlorophyll Contents in Plant Leaves. [Sensors](#), 18(2), 650.

111 Velazquez-Pupo, R., Sierra-Romero, A., Torres-Roman, D., Shkvarko, Y. V., Santiago-Paz, J., Robles-Valdez, D., Hermosillo-Reynoso, F., Romero-Delgado, M. & Gomez-Gutierrez, D. (2018). Vehicle Detection with Occlusion Handling, Tracking, and OC-SVM Classification: A High Performance Vision-Based System. [Sensors](#), 18(2), 374.

112 Treesatayapun, C. (2018). Adaptive Iterative Learning Control Based on if-Then Rules and Data-Driven Scheme for a Class of Nonlinear Discrete-Time Systems. [Soft Computing](#), 22(2), 487-497.

113 Ojeda-Mendoza, G. J., Moncho-Jorda, A., Gonzalez-Mozuelos, P., Haro-Perez, C. & Rojas-Ochoa, L. F. (2018). Evidence of electrostatic-enhanced depletion attraction in the structural properties and phase behavior of binary charged colloidal suspensions. [Soft Matter](#), 14(8), 1355-1364.

114 Herrera-Gomez, A., Cabrera-German, D., Dutoi, A. D. et al. (2018). Intensity modulation of the Shirley background of the Cr 3p spectra with photon energies around the Cr 2p edge. [Surface and Interface Analysis](#), 50(2), 246-252.

115 Flores-Renteria, D., Barradas, V. L. & Alvarez-Sanchez, J. (2018). Ectomycorrhizal Pre-Inoculation of Pinus Hartwegii and Abies Religiosa Is Replaced by Native Fungi in a Temperate Forest of Central Mexico. [Symbiosis](#), 74(2), 131-144.

116 Albavera-Mata, A., Zicovich-Wilson, C. M., Gazquez, J. L., Trickey, S. B. & Vela, A. (2018). Long-Range Exchange Limit and Dispersion in Pure Silica Zeolites. [Theoretical Chemistry Accounts](#), 137(2), 26.

117 Vaisman, C. E., Del Moral-Hernandez, O., Moreno-Campuzano, S. et al. (2018). C33-A cells transfected with E6*I or E6*II the short forms of HPV-16 E6, displayed opposite effects on cisplatin-induced apoptosis. [Virus Research](#), 247, 94-101.

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

118 Banthi-Barcenas, J. C., Sutara, F. & Hernandez-Calderon, I. (2018). Design of a quantum well based on a ZnCdSe/ZnTe type II heterostructure confined type I within ZnSe barriers. [AIP Conference Proceedings](#), 1934, 030001.

119 Alfaro-Martinez, A. & Hernandez-Calderon, I. (2018). Peculiar enhancement of the excitonic emission of CdSe/ZnSe quantum wells at ~ 90 K when excited with a HeCd laser. [AIP Conference Proceedings](#), 1934, 030005.

120 Hernandez-Garcia, L. F., Basilio-Ortiz, J. C., Sutara, F. & Hernandez-Calderon, I. (2018). Photoluminescence study of the excitation power dependence of the peak intensities of an asymmetric double quantum well. [AIP Conference Proceedings](#), 1934, 030003.

121 Elizondo, G. & Vega, L. (2018). Ubiquitination/sumoylation: An alternative pathway to modify gene regulation directed by xenosensors: Mechanistic Toxicology: Metabolic Disruption in Environmental Diseases. [Current Opinion in Toxicology](#), 8, 81-86.

122 Venkatesan, R., Velumani, S., Ordon, K., Makowska-Janusik, M., Corbel, G. & Kassiba, A. (2018). Structural and morphological data of RF-Sputtered BiVO4 thin films. [Data in Brief](#), 17, 526-528.

123 Kalman, J. & Hernandez, O. (2018). The making of survival: technology, literacy and learning in two microenterprises in Mexico City. [Information Technologies & International Development](#), 14, 81-95.

124 Cervini-Silva, J., Munoz, M. L., Palacios, E., Jimenez-Lopez, J. C. & Romano-Pacheco, A. (2018). Ageing and preservation of HgS-enriched ancient human remains deposited in confinement. [Journal of Archaeological Science-Reports](#), 18, 562-567.

125 Gonzalez-Mariscal, L., Raya-Sandino, A., Gonzalez-Gonzalez, L. u. & Hernandez-Guzman, C. (2018). Relationship between G proteins coupled receptors and tight junctions. [Tissue Barriers](#), 6(1), e1414015.

13

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

126 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Dark Matter and Unparticles in Events With a Z Boson and Missing Transverse Momentum in Proton-Proton Collisions at Root S = 13 Tev (Vol 9, 106, 2017). [Journal of High Energy Physics](#), (1), 056.

127 Monfil, T., Roque, R. A. V., Camacho-Abrego, I., Tendilla-Beltran, H., Iannitti, T., Meneses-Morales, I., Aguilar-Alonso, P., Flores, G. & Morales-Medina, J. C. (2018). Hyper-Response to Novelty Increases C-Fos Expression in the Hippocampus and Prefrontal Cortex in a Rat Model of Schizophrenia (Vol 43, Pg 441, 2018). [Neurochemical Research](#), 43(2), 449.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

128 Falcon-Boyano, D., Mesquita, T. R., Salazar-Enciso, R., Kobeissy, H., Rueda, A., Lopez-Andres, N., Gomez Gomez, A. M. & Benitah, J. P. (2018). Cardiac CaV1.2 Signature Induced by Mineralocorticoid in Vessels. [Biophysical Journal](#), 114(3, S1), 627a.

129 Carbajal-Tinoco, M. D., Granados-Ramirez, C. G. & Benitez-Cardoza, C. G. (2018). A Coarse-Grained Model of Circular Dichroism of Proteins. [Biophysical Journal](#), 114(3, S1), 174a.

130 Caba-Sanchez, L. C., Vega, R., Ortega, A. M., Felix, R. & Soto, E. (2018). Minocycline and Doxycycline Inhibit ASIC Currents in Dorsal Root Ganglion Neurons. [Biophysical Journal](#), 114(3, S1), 490a.

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

131 Vadillo, E., Dorantes-Acosta, E., Pelayo, R. & Schnoor, M. (2018). T cell acute lymphoblastic leukemia (T-ALL): New insights into the cellular origins and infiltration mechanisms common and unique among hematologic malignancies. [Blood Reviews](#), 32(1), 36-51.

132 Silva-Martinez, G. A., Zaina, S. & Lund, G. (2018). Array Probe Density and Pathobiological Relevant CpG Calling Bias in Human Disease and Physiological Dna Methylation Profiling. [Briefings in Functional Genomics](#), 17(1), 42-48.

1353 Martinez-Calvillo, S., Romero-Meza, G., Vizuet-De-Rueda, J. C., Florencio-Martinez, L. E., Manning-Cela, R. & Nepomuceno-Mejia, T. (2018). Epigenetic Regulation of Transcription in Trypanosomatid Protozoa. [Current Genomics](#), 19(2), 140-149.

134 Hoffman, K. L. & Cano-Ramirez, H. (2018). Lost in Translation? A Critical Look at the Role That Animal Models of Obsessive Compulsive Disorder Play in Current Drug Discovery Strategies. [Expert Opinion on Drug Discovery](#), 13(3), 211-220.

135 Gonzalez-Hernandez, A., Marichal-Cancino, B. A., MaassenVanDenBrink, A. & Villalon, C. M. (2018). Side effects associated with current and prospective antimigraine pharmacotherapies. [Expert Opinion on Drug Metabolism & Toxicology](#), 14(1), 25-41.

136 Chi-Castaneda, D. & Ortega, A. (2018). Glial Cells in the Genesis and Regulation of Circadian Rhythms. [Frontiers in Physiology](#), 9, 88.

137 Mota-Morales, J. D., Sanchez-Leija, R. J., Carranza, A., Pojman, J. A., Del Monte, F. & Luna-Barcenas, G. (2018). Free-radical polymerizations of and in deep eutectic solvents: Green synthesis of functional materials. [Progress in Polymer Science](#), 78, 139-153.

138 Schnoor, M., Stradal, T. E. & Rottner, K. (2018). Cortactin: Cell Functions of a Multifaceted Actin-Binding Protein. [Trends in Cell Biology](#), 28(2), 79-98.

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