

ARTÍCULOS DEL MES DE ENERO DE 2019

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

1 Castillo-Esparza, J. F., Hernandez-Gonzalez, I. & Ibarra, J. E. (2019). Search for Cry Proteins Expressed by Bacillus Spp. Genomes, Using Hidden Markov Model Profiles. [3 Biotech](#), 9(1), 13.

2 Maya-Lucas, O., Murugesan, S., Nirmalkar, K., Alcaraz, L. D., Hoyo-Vadillo, C., Pizano-Zarate, M. L. & Garcia-Mena, J. (2019). The gut microbiome of Mexican children affected by obesity. [Anaerobe](#), 55, 11-23.

3 Atriztan-Hernandez, K., Moreno-Pedraza, A., Winkler, R., Markow, T. & Herrera-Estrella, A. (2019). Trichoderma Atroviride From Predator to Prey: Role of the Mitogen-Activated Protein Kinase Tmk3 in Fungal Chemical Defense Against Fungivory by Drosophila Melanogaster Larvae. [Applied and Environmental Microbiology](#), 85(2), e01825.

4 Molina-Paredes, A. A., Jimenez-Perez, V. M., Lara-Ceron, J. A., Moggio, I., Arias, E., Santillan, R., Sanchez, M., Suacedo-Yanez, A. & Munoz-Flores, B. M. (2019). Fluorescent Boron Schiff Bases Dyes for Staining Silk Fibroin: Green Synthesis, Structural Characterization, Dft, and Photophysical Properties. [Applied Organometallic Chemistry](#), 33(1), E4609.

5 Cervantes-Lopez, J. L., Rangel, R., Cedenio, V. J., Alvarado-Gil, J. J., Quintana, P., Contreras, O. & Espino, J. (2019). Controlling the Aspect Ratio of Zn(1-X)Eu(X)O Nanostructures Obtained by a Statistical Experimental Design Involving Atomic Layer Deposition and Microwave-Assisted Hydrothermal Methods. [Applied Physics a-Materials Science & Processing](#), 125(1), 41.

6 Reyes-Acosta, A. V., Lopez-Juarez, I., Osorio-Comparan, R. & Lefranc, G. (2019). 3d Pipe Reconstruction Employing Video Information From Mobile Robots. [Applied Soft Computing](#), 75, 562-574.

7 Rodriguez-Molina, A., Villarreal-Cervantes, M. G., Alvarez-Gallegos, J. & Aldape-Perez, M. (2019). Bio-Inspired Adaptive Control Strategy for the Highly Efficient Speed Regulation of the Dc Motor Under Parametric Uncertainty. [Applied Soft Computing](#), 75, 29-45.

8 Meza-Arroyo, J., Syamala-Rao, M. G., Mejia, I., Quevedo-Lopez, M. A. & Ramirez-Bon, R. (2019). Low temperature processing of Al₂O₃-GPTMS-PMMA hybrid films with applications to high-performance ZnO thin-film transistors. [Applied Surface Science](#), 467-468, 456-461.

9 Concepcion, O., Tavira, A., Roque, J., De Melo, O. & Escobosa, A. (2019). Texture Analysis and Epitaxial Relationships in Bi₂Te₃ Thin Film Grown by Physical Vapor Transport on Silicon Substrates. [Applied Surface Science](#), 464, 280-286.

10 Aparicio-Nava, L., Marquez-Garcia, L. A. & Meneses, A. (2019). Effects of 5-Ht5a Receptor Blockade on Amnesia or Forgetting. [Behavioural Brain Research](#), 357, 98-103.

11 Aparicio-Nava, L., Tellez, R., Gonzalez, R., Liy-Salmeron, G. & Meneses, A. (2019). Intrahippocampal administration of 5-HT6 receptor drugs on memory consolidation and amnesia protocols. [Behavioural Brain Research](#), 359, 378-385.

12 Canseco-Alba, A. & Rodriguez-Manzo, G. (2019). Sexual interaction is essential for the transformation of non-copulating rats into sexually active animals by the endocannabinoid anandamide. [Behavioural Brain Research](#), 359, 418-427.

13 Jauregui-Wade, J. M., Valdes, J., Ayala-Sumuano, J. T., Avila-Garcia, R. & Cerbon-Solorzano, J. (2019). De novo synthesis of sphingolipids plays an important role during in-ávitro encystment of Entamoeba invadens. [Biochemical and Biophysical Research Communications](#), 508(4), 1031-1037.

14 Romo-Yanez, J., Dominguez-Castro, M., Flores-Reyes, J. S., Estrada-Juarez, H., Mancilla-Herrera, I., Hernandez-Pineda, J., Bazan-Tejeda, M. L., Aguinaga-Rios, M. & Reyes-Munoz, E. (2019). Hyperglycemia differentially affects proliferation, apoptosis, and BNIP3 and p53 mRNA expression of human umbilical cord Wharton's jelly cells from non-diabetic and diabetic pregnancies. [Biochemical and Biophysical Research Communications](#), 508(4), 1149-1154.

15 Mancera-Lopez, M. E., Izquierdo-Estevez, W. F., Escalante-Sanchez, A., Ibarra, J. E. & Barrera-Cortes, J. (2019). Encapsulation of Trichoderma Harzianum Conidia as a Method of Conidia Preservation at Room Temperature and Propagation in Submerged Culture. [Biocontrol Science and Technology](#), 29(2), 107-130.

16 Martinez-Aguilar, G. M. & Gutierrez, D. (2019). Using Cortico-Muscular and Cortico-Cardiac Coherence to Study the Role of the Brain in the Development of Muscular Fatigue. [Biomedical Signal Processing and Control](#), 48, 153-160.

17 Salazar-Huerta, M. A., Ruiz-Ordaz, N., Galindez-Mayer, J., Garcia-Mena, J. & Juarez-Ramirez, C. (2019). Simulation and Experimental Validation of a Gradient Feeding System for Fast Assessment of the Kinetic Behavior of a Microbial Consortium in a Tubular Biofilm Reactor. [Bioprocess and Biosystems Engineering](#), 42(1), 17-27.

18 Huerta-Chagoya, A., Moreno-Macias, H., Fernandez-Lopez, J. C. et al. (2019). A Panel of 32 Aims Suitable for Population Stratification Correction and Global Ancestry Estimation in Mexican Mestizos. [Bmc Genetics](#), 20, 5.

19 Roa-Coria, J. E., Pineda-Farias, J. B., Barragan-Iglesias, P. et al. (2019). Possible Involvement of Peripheral Trp Channels in the Hydrogen Sulfide-Induced Hyperalgesia in Diabetic Rats. [Bmc Neuroscience](#), 20, 1.

20 Acosta-Cota, S. D., Aguilar-Medina, E. M., Ramos-Payan, R. et al. (2019). Histopathological and Biochemical Changes in the Development of Nonalcoholic Fatty Liver Disease Induced by High-Sucrose Diet at Different Times. [Canadian Journal of Physiology and Pharmacology](#), 97(1), 23-36.

21 Elizondo-Alvarez, M. A., Davila-Pulido, G. I., Bello-Teodoro, S. & Uribe-Salas, A. (2019). Role of Ph on the Adsorption of Xanthate and Dithiophosphinate Onto Galena. [Canadian Metallurgical Quarterly](#), 58(1), 107-115.

22 Roura-Guiberna, A., Hernandez-Aranda, J., Ramirez-Flores, C. J., Mondragon-Flores, R., Garibay-Nieto, N., Queipo-Garcia, G., Laresgoiti-Servitje, E., Soh, J.-W. & Olivares-Reyes, J. A. (2019). Isomers of Conjugated Linoleic Acid Induce Insulin Resistance Through a Mechanism Involving Activation of Protein Kinase C Epsilon in Liver Cells. [Cellular Signalling](#), 53, 281-293.

23 Cervantes-Juarez, E., Meza-Rocha, A. N., Romero-Romo, W., Caldino, U., Falcony, C., Alvarez, E., Palomino-Ovando, M. & Lozada-Morales, R. (2019). Up and Down-Shifting Emission Properties of Novel Er³⁺-Doped Cdo-V2o5-P2o5 Glass System. [Ceramics International](#), 45(2), 1609-1615.

24 Rodriguez-Kessler, P. L., Navarro-Santos, P. & Rodriguez-Dominguez, A. R. (2019). Structural Characterization of Co-Doped Pd-N (N=1-12) Clusters: First-Principles Calculations. [Chemical Physics Letters](#), 715, 141-146.

25 Tec-Sanchez, J. A., Arias, A. I. O., Aguilar-Vega, M., Cauich-Rodriguez, J. V. & Santiago-Garcia, J. L. (2019). Preparation and Characterization of Flexible, Transparent and Thermally Stable Aromatic Co-Polyamides. [Chinese Journal of Polymer Science](#), 37(2), 136-141.

26 Bermudez, D. & Leonhardt, U. (2019). Resonant Hawking Radiation as an Instability. *Classical and Quantum Gravity*, 36(2), 024001. <https://iopscience.iop.org/article/10.1088/1361-6382/aaf435>

27 Del Aguila, J. C. & Matos, T. (2019). Wormhole Cosmic Censorship: an Analytical Proof. [Classical and Quantum Gravity](#), 36(1), 015018.

28 Oza, G., Krishnajyothi, K., Ishrayelu-Merupo, V. et al. (2019). Gold-Iron oxide yolk-shell nanoparticles (YSNPs) as magnetic probe for fluorescence-based detection of 3 base mismatch DNA. [Colloids and Surfaces B-Biointerfaces](#), 176, 431-438.

29 Pano-Azucena, A. D., Ovilla-Martinez, B., Tlelo-Cuautle, E., Munoz-Pacheco, J. M. & De la Fraga, L. G. (2019). FPGA-based implementation of different families of fractional-order chaotic oscillators applying Grunwald-Letnikov method. [Communications in Nonlinear Science and Numerical Simulation](#), 72, 516-527.

30 Aichholzer, O., Fabila-Monroy, R., Hurtado, F., Perez-Lantero, P., Ruiz-Vargas, A. J., Urrutia, J. & Vogtenhuber, B. (2019). Cross-Sections of Line Configurations in R-3 and (D-2)-Flat Configurations in R-D. [Computational Geometry-Theory and Applications](#), 77, 51-61.

31 Rico-Fernandez, M. P., Rios-Cabrera, R., Castelan, M., Guerrero-Reyes, H. I. & Juarez-Maldonado, A. (2019). A contextualized approach for segmentation of foliage in different crop species. [Computers and Electronics in Agriculture](#), 156, 378-386.

32 Djilali, L., Sanchez, E. N. & Belkheiri, M. (2019). Real-time Neural Input-Output Feedback Linearization control of DFIG based wind turbines in presence of grid disturbances. [Control Engineering Practice](#), 83, 151-164.

33 Leon-Martinez, G. & Vielle-Calzada, J.-P. (2019). Apomixis in flowering plants: Developmental and evolutionary considerations. [Current Topics in Developmental Biology](#), 131, 565-604.

34 Armenta-Medina, A. & Gillmor, C. S. (2019). Genetic, molecular and parent-of-origin regulation of early embryogenesis in flowering plants. [Current Topics in Developmental Biology](#), 131, 497-543.

35 Herrera-Ubaldo, H., Lozano-Sotomayor, P., Ezquer, I. et al. (2019). New Roles of No Transmitting Tract and Seedstick During Medial Domain Development in Arabidopsis Fruits. [Development](#), 146(1), dev172395.

36 Hernandez-Perez, A., Zamora-Briseno, J. A., Ruiz-May, E. et al. (2019). Proteomic profiling of the white shrimp *Litopenaeus vannamei* (Boone, 1931) hemocytes infected with white spot syndrome virus reveals the induction of allergy-related proteins. [Developmental and Comparative Immunology](#), 91, 37-49.

37 Alcantar-Pena, J. J., De Obaldia, E., Tirado, P., Arellano-Jimenez, M. J., Ortega Aguilar, J. E., Veyan, J. F., Yacaman, M. J., Koudriavtsev, Y. & Auciello, O. (2019). Polycrystalline diamond films with tailored micro/nanostructure/doping for new large area film-based diamond electronics. [Diamond and Related Materials](#), 91, 261-271.

38 Esquivel, P., Castaneda, C. E., Ornelas-Tellez, F. & Reyes, E. N. (2019). Empirical estimation approach to the study of inter-area resonance interactions in power systems. [Electric Power Systems Research](#), 169, 150-161.

39 Bommarito, P. A., Xu, X. F., Gonzalez-Horta, C. et al. (2019). One-Carbon Metabolism Nutrient Intake and the Association Between Body Mass Index and Urinary Arsenic Metabolites in Adults in the Chihuahua Cohort. [Environment International](#), 123, 292-300.

40 Kerr, B. T., Ochs-Balcom, H. M., Lopez, P., Garcia-Vargas, G. G., Rosado, J. L., Cebrian, M. E. & Kordas, K. (2019). Effects of ALAD genotype on the relationship between lead exposure and anthropometry in a Cohort of Mexican children. [Environmental Research](#), 170, 65-72.

41 Jimenez-Cordova, M. I., Barrera-Hernandez, A., Barbier, O. C., Gonzalez-Horta, C., Villareal-Vega, E. E., Ayllon-Vergara, J. C., Arreola-Mendoza, L., Aguilar-Madrid, G. & Del Razo, L. M. (2019). Evaluation of vascular and kidney injury biomarkers in Mexican children exposed to inorganic fluoride. [Environmental Research](#), 169, 220-228.

42 Rodriguez-Tello, E., Lardeux, F., Duarte, A. & Narvaez-Teran, V. (2019). Alternative Evaluation Functions for the Cyclic Bandwidth Sum Problem. [European Journal of Operational Research](#), 273(3), 904-919.

43 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Measurement of Differential Cross Sections for Inclusive Isolated-Photon and Photon Plus Jet Production in Proton-Proton Collisions at $\sqrt{s}=13\text{TeV}$. [European Physical Journal C](#), 79(1), 20.

44 Fernandez, D. J., Hussin, V. & Morales-Salgado, V. S. (2019). Coherent States for the Supersymmetric Partners of the Truncated Oscillator. [European Physical Journal Plus](#), 134(1), 18.

45 Reyes-Becerril, M., Angulo, C., Sanchez, V., Vazquez-Martinez, J. & Lopez, M. G. (2019). Antioxidant, intestinal immune status and anti-inflammatory potential of *Chenopodium ambrosioides* L. in fish: In vitro and in vivo studies. [Fish & Shellfish Immunology](#), 86, 420-428.

46 Amador-Rodriguez, K. Y., Perez-Cabrera, L. E., Guevara-Lara, F., Chavez-Vela, N. A., Posadas-Del Rio, F. A., Silos-Espino, H. & Martinez-Bustos, F. (2019). Physicochemical, Thermal, and Rheological Properties of Nixtamalized Bluecorn Flours and Masas Added With Huitlacoche (*Ustilago Maydis*) Paste. [Food Chemistry](#), 278, 601-608.

47 Lopez-Rosas, I., Lopez-Camarillo, C., Salinas-Vera, Y. M. et al. (2019). Entamoeba Histolytica up-Regulates Microrna-643 to Promote Apoptosis by Targeting Xiap in Human Epithelial Colon Cells. [Frontiers in Cellular and Infection Microbiology](#), 8, 437.

48 Del Portillo, P., Garcia-Morales, L., Menendez, M. C. et al. (2019). Hypoxia Is Not a Main Stress When Mycobacterium Tuberculosis Is in a Dormancy-Like Long-Chain Fatty Acid Environment. [Frontiers in Cellular and Infection Microbiology](#), 8, 449.

49 Piedra-Quintero, Z. L., Serrano, C., Villegas-Sepulveda, N., Maravillas-Montero, J. L., Romero-Ramirez, S., Shibayama, M., Medina-Contreras, O., Nava, P. & Santos-Argumedo, L. (2019). Myosin 1f Regulates M1-Polarization by Stimulating Intercellular Adhesion in Macrophages. [Frontiers in Immunology](#), 9, 3118.

50 Velazquez-Sanchez, H. I., Dominguez-Bocanegra, A. R. & Aguilar-Lopez, R. (2019). Modelling of the Ph Dynamic and Its Effect Over the Isopropanol-Butanol-Ethanol Fermentation by Clostridium Acetobutylicum Pipa3-Cm2. [Fuel](#), 235, 558-566.

51 Gonzalez-Gutierrez, A. G., Pech-Canul, M. A., Chan-Rosado, G. & Sebastian, P. J. (2019). Studies on the Physical and Electrochemical Properties of Ni-P Coating on Commercial Aluminum as Bipolar Plate in Pemfc. [Fuel](#), 235, 1361-1367.

52 Gonzalez-Compean, J. L., Telles, O., Lopez-Arevalo, I., Morales-Sandoval, M., Sosa-Sosa, V. J. & Carretero, J. (2019). A policy-based containerized filter for secure information sharing in organizational environments. [Future Generation Computer Systems-The International Journal of EScience](#), 95, 430-444.

53 Saldana-Martinez, A., Perez-Ramirez, G., Munoz, M. L. et al. (2019). Whole sequence of the mitochondrial DNA genome of Kearns Sayre Syndrome patients: Identification of deletions and variants. [Gene](#), 688, 171-181.

54 Gomora-Arrati, P., Gonzalez-Flores, O., Galicia-Aguas, Y. L., Hoffman, K. L. & Komisaruk, B. (2019). Copulation-induced antinociception in female rats is blocked by atosiban, an oxytocin receptor antagonist. [Hormones and Behavior](#), 107, 76-79.

55 Gonzalez-Ibarra, A. A., Nava-Alonso, F. & Uribe-Salas, A. (2019). Electrochemical study of silver telluride (Ag₂Te): anodic and cathodic potential dependent-reactions in alkaline cyanide solutions. [Hydrometallurgy](#), 183, 230-239.

56 Elsayed, S., Sarker, R. & Coello, C. A. C. (2019). Fuzzy Rule-Based Design of Evolutionary Algorithm for Optimization. [IEEE Transactions on Cybernetics](#), 49(1), 301-314.

- 57 Botello-Perez, M., Crowley, T. P., Garcia-Ruiz, I. & Jardon-Aguilar, H. (2019). Characterization of a Type-N Coaxial Microcalorimeter for Use as Microwave Power Standard at Cenam. [IEEE Transactions on Instrumentation and Measurement](#), 68(2), 558-565.
- 58 Piotrowski, T., Nikadon, J. & Gutierrez, D. (2019). Mv-Pure Spatial Filters With Application to Eeg/Meg Source Reconstruction. [IEEE Transactions on Signal Processing](#), 67(3), 553-567.
- 59 Torres-Jimenez, J. & Perez-Torres, J. C. (2019). A greedy algorithm to construct covering arrays using a graph representation. [Information Sciences](#), 477, 234-245.
- 60 Yu, W. & Pacheco, M. (2019). Impact of random weights on nonlinear system identification using convolutional neural networks. [Information Sciences](#), 477, 1-14.
- 61 Zaman, F., Elsayed, S. M., Sarker, R., Essam, D. & Coello-Coello, C. A. (2019). Multi-Method based algorithm for multi-objective problems under uncertainty. [Information Sciences](#), 481, 81-109.
- 62 Ramirez-Neria, M., Sira-Ramirez, H., Garrido-Moctezuma, R. & Luviano-Juarez, A. (2019). Active Disturbance Rejection Control of the Inertia Wheel Pendulum Through a Tangent Linearization Approach. [International Journal of Control Automation and Systems](#), 17(1), 18-28.
- 63 Vargas, U., Lazaroiu, G. C., Tironi, E. & Ramirez, A. (2019). Harmonic Modeling and Simulation of a Stand-Alone Photovoltaic-Battery-Supercapacitor Hybrid System. [International Journal of Electrical Power & Energy Systems](#), 105, 70-78.
- 64 Garcia-Hernandez, N., Garza-Martinez, K., Parra-Vega, V., Alvarez-Sanchez, A. & Conchas-Arteaga, L. (2019). Development of an EMG-based exergaming system for isometric muscle training and its effectiveness to enhance motivation, performance and muscle strength. [International Journal of Human-Computer Studies](#), 124, 44-55.
- 65 Padmasree, K. P., Lai, K.-Y., Fuentes, A. F. & Manthiram, A. (2019). Electrochemical properties of $\text{Sr}_{2.7-x}\text{Ca}_x\text{Ln}_{0.3}\text{Fe}_2\text{-yCo}_y\text{O}_{7-\delta}$ cathode for intermediate-temperature solid oxide fuel cells. [International Journal of Hydrogen Energy](#), 44(3), 1896-1904.
- 66 Martinez-Casillas, D., Solorza, O., Molla, S., Montero, A., Garcia-Bernabe, A. & Compan, V. (2019). Polymer modified sulfonated PEEK ionomers membranes and the use of Ru3Pd6Pt as cathode catalyst for H2/O2 fuel cells: State of the Art Materials for Hydrogen Energy. [International Journal of Hydrogen Energy](#), 44(1), 295-303.
- 67 Campos, E., Monroy, J., Abundis, H., Chemori, A., Creuze, V. & Torres, J. (2019). A nonlinear controller based on saturation functions with variable parameters to stabilize an AUV. [International Journal of Naval Architecture and Ocean Engineering](#), 11(1), 211-224.
- 68 Dzib, E., Cabellos, J. L., Ortiz-Chi, F., Pan, S., Galano, A. & Merino, G. (2019). Eyringpy: a Program for Computing Rate Constants in the Gas Phase and in Solution. [International Journal of Quantum Chemistry](#), 119(2), e25686.
- 69 Hadad, C., Florez, E., Acelas, N., Merino, G. & Restrepo, A. (2019). Microsolvation of Small Cations and Anions. [International Journal of Quantum Chemistry](#), 119(2), e25766.

70 Solis, C. U., Clempner, J. B. & Poznyak, A. S. (2019). Extremum Seeking by a Dynamic Plant Using Mixed Integral Sliding Mode Controller With Synchronous Detection Gradient Estimation. [International Journal of Robust and Nonlinear Control](#), 29(3), 702-714.

71 Sira-Ramirez, H., Aguilar-Orduna, M. A. & Zurita-Bustamante, E. W. (2019). On the Sliding Mode Control of MIMO Nonlinear Systems: an Input-Output Approach. [International Journal of Robust and Nonlinear Control](#), 29(3), 715-735.

72 Meza-Aguilar, M., Loukianov, A. G. & Rivera, J. (2019). Sliding Mode Adaptive Control for a Class of Nonlinear Time-Varying Systems. [International Journal of Robust and Nonlinear Control](#), 29(3), 766-778.

73 Gonzalez, J., Bedoya, A., Mendioroz, A. & Salazar, A. (2019). Measuring the thermal resistance of vertical interfaces separating two different media using infrared thermography. [International Journal of Thermal Sciences](#), 135, 410-416.

74 Rojas-Lima, J. E., Dominguez-Pacheco, F. A., Hernandez-Aguilar, C., Hernandez-Simon, L. M. & Cruz-Orea, A. (2019). Kolmogorov-Smirnov Test for Statistical Characterization of Photopyroelectric Signals Obtained From Maize Seeds. [International Journal of Thermophysics](#), 40(1), 4.

75 Rodriguez-Roldan, G., Cruz-Orea, A. & Suaste-Gomez, E. (2019). Thermal Characterization of a Ppy/Pla Composite by Photoacoustic Calorimetry and Photopyroelectric Techniques. [International Journal of Thermophysics](#), 40(2), 16.

76 Martinez-Saucedo, G., Castanedo-Perez, R., Torres-Delgado, G., Marquez-Marin, J. & Zelaya-Angel, O. (2019). Cuprous Oxide/Cadmium Stannate Heterojunction Diodes Obtained by Dip-Coating Method. [Journal of Alloys and Compounds](#), 774, 153-159.

77 Perez-Gonzalez, M., Tomas, S. A., Santoyo-Salazar, J., Gallardo-Hernandez, S., Tellez-Cruz, M. M. & Solorza-Feria, O. (2019). Sol-gel synthesis of Ag-loaded TiO₂-ZnO thin films with enhanced photocatalytic activity. [Journal of Alloys and Compounds](#), 779, 908-917.

78 Soriano-Romero, O., Lozada-Morales, R., Caldino, U., Mendez-Blas, A., Falcony, C., Alvarez, E., Palomino-Ovando, M. & Meza-Rocha, A. N. (2019). Spectroscopic Evaluation a New and Novel Nd³⁺/Yb³⁺ Co-Doped Cdo-V₂O₅ Glass System for 1 μ m Laser Application. [Journal of Alloys and Compounds](#), 777, 886-893.

79 Sanchez, J., Cortes-Hernandez, D. A. & Rodriguez-Reyes, M. (2019). Synthesis of TEG-coated cobalt-gallium ferrites: Characterization and evaluation of their magnetic properties for biomedical devices. [Journal of Alloys and Compounds](#), 781, 1040-1047.

80 Menchaca-Rivera, J. A., Gonzalez-Reyna, M. A., Aviles-Arellano, L. M., Fernandez-Loyola, R., Morales-Sanchez, E. & Robles, J. F. P. (2019). Determination of Optical Properties of a Corn Starch Biofilm. [Journal of Applied Polymer Science](#), 136(9), 47111.

- 81 Munguia-Rosas, M. A., Angulo, D. F., Arceo-Gomez, G. & Parra-Tabla, V. (2019). Variation in leaf traits across a precipitation gradient in coastal sand dunes in Yucatan Peninsula. [Journal of Arid Environments](#), 162, 10-17.
- 82 Cervantes-Montelongo, J. A. & Ruiz-Herrera, J. (2019). Identification of a Novel Member of the Ph Responsive Pathway Pal/Rim in Ustilago Maydis. [Journal of Basic Microbiology](#), 59(1), 14-23.
- 83 Baltazar-Gaytan, E., Aguilar-Alonso, P., Brambila, E. et al. (2019). Increased cell number with reduced nitric oxide level and augmented superoxide dismutase activity in the anterior-pituitary region of young suicide completers. [Journal of Chemical Neuroanatomy](#), 96, 7-15.
- 84 Juarez, I., Morales-Medina, J. C., Flores-Tochihuitl, J., Juarez, G. S., Flores, G. & Chavez-Oseki, H. (2019). Tooth pulp injury induces sex-dependent neuronal reshaping in the ventral posterolateral nucleus of the rat thalamus. [Journal of Chemical Neuroanatomy](#), 96, 16-21.
- 85 Carmona-Espindola, J., Gazquez, J. L., Vela, A. & Trickey, S. B. (2019). Generalized Gradient Approximation Exchange Energy Functional With Near-Best Semilocal Performance. [Journal of Chemical Theory and Computation](#), 15(1), 303-310.
- 86 Munoz-Vazquez, A. J., Parra-Vega, V., Sanchez-Orta, A. & Romero-Galvan, G. (2019). Fractional PD-I lambda D mu error manifolds for robust tracking control of robotic manipulators. [Journal of Dynamic Systems, Measurement and Control](#), 141(3), 031006.
- 87 Ramos-Tovar, E., Casas-Grajales, S., Hernandez-Aquino, E. et al. (2019). Cirrhosis Induced by Thioacetamide Is Prevented by Stevia. Molecular Mechanisms. [Journal of Functional Foods](#), 52, 552-564.
- 88 Rivera-Marquez, J. A., Contreras-Rascon, J. I., Lozada-Morales, R., Portillo-Moreno, O., Alvarez, M. E., Aguilar-Hernandez, J., Melendez-Lira, M. & Zelaya-Angel, O. (2019). Photoluminescence donor-acceptor band splitting in phase transition of CdSe nanoparticles. [Journal of Luminescence](#), 209, 141-145.
- 89 Del Rio-de Santiago, A., Sanchez-Valdes, C. F., Sanchez Llamazares, J. L., Vidal, M. A., Mendez-Garcia, V. H., Lopez-Lopez, M. & Cruz-Hernandez, E. (2019). Magnetic properties of GaAs:Mn self-assembled nanostructures grown at relatively high-temperature by Molecular Beam Epitaxy. [Journal of Magnetism and Magnetic Materials](#), 475, 715-720.
- 90 Can-Ortiz, A., Oliva-Aviles, A. I., Gamboa, F., May-Pat, A., Velasco-Santos, C. & Aviles, F. (2019). Electrophoretic Deposition of Carbon Nanotubes Onto Glass Fibers for Self-Sensing Relaxation-Induced Piezoresistivity of Monofilament Composites. [Journal of Materials Science](#), 54(3), 2205-2221.
- 91 Roman-Doval, R., Tellez-Cruz, M. M., Rojas-Chavez, H., Cruz-Martinez, H., Carrasco-Torres, G. & Vasquez-Garzon, V. R. (2019). Enhancing Electrospun Scaffolds of Pvp With Polypyrrole/Iodine for Tissue Engineering of Skin Regeneration by Coating Via a Plasma Process. [Journal of Materials Science](#), 54(4), 3342-3353.

92 Pawlaschyk, T. & Zeron, E. S. (2019). On Convex Hulls and Pseudoconvex Domains Generated by Q-Plurisubharmonic Functions, Part Iii. [Journal of Mathematical Analysis and Applications](#), 471(1), 73-87.

93 Martinez-Gudino, G., Perez-Rojas, N. A., Trujillo-Serrato, J. J., Mora-Perez, Y., Suarez-Castillo, O. R. & Morales-Rios, M. S. (2019). Mechanistic Study of Reversible Solid-State Melt Isomerization of 2-Oxindoles to 2-Quinolinones and Its Occurrence in a Mass Spectrometer. [Journal of Molecular Structure](#), 1175, 828-835.

94 Ordonez-Hernandez, J., Arcos-Ramos, R., Garcia-Ortega, H. et al. (2019). Synthesis and structural analysis of bioactive Schiff-base pentacoordinated diorganotin(IV) complexes. [Journal of Molecular Structure](#), 1180, 462-471.

95 Castaneda-Cabral, J. L., Beas-Zarate, C., Rocha-Arrieta, L. L., Orozco-Suarez, S. A., Alonso-Vanegas, M., Guevara-Guzman, R. & Urena-Guerrero, M. E. (2019). Increased protein expression of VEGF-A, VEGF-B, VEGF-C and their receptors in the temporal neocortex of pharmacoresistant temporal lobe epilepsy patients. [Journal of Neuroimmunology](#), 328, 68-72.

96 Lakshminarayana, G., Bashar, K. A., Baki, S. O. et al. (2019). Er³⁺ /Dy³⁺ Codoped B₂O₃-TeO₂-PbO-ZnO-Li₂O-Na₂O Glasses: Optical Absorption and Fluorescence Features Study for Visible and Near-Infrared Fiber Laser Applications. [Journal of Non-Crystalline Solids](#), 503, 366-381.

97 Oliva, J., Mtz-Enriquez, A. I., Oliva, A., Ochoa-Valiente, R., Garcia, C. R. & Pei, Q. (2019). Flexible Graphene Composites With High Thermal Conductivity as Efficient Heat Sinks in High-Power Leds. [Journal of Physics D-Applied Physics](#), 52(2), 025103.

98 Carrillo-Rodriguez, J. C., Garcia-Mayagoitia, S., Perez-Hernandez, R., Ochoa-Lara, M. T., Espinosa-Magana, F., Fernandez-Luqueno, F., Bartolo-Perez, P., Alonso-Lemus, I. L. & Rodriguez-Varela, F. J. (2019). Evaluation of the novel PdCeO₂-NR electrocatalyst supported on N-doped graphene for the Oxygen Reduction Reaction and its use in a Microbial Fuel Cell. [Journal of Power Sources](#), 414, 103-114.

99 Garcia-Cruz, C., Merino-Jimenez, C., Ceja, V., Aragon, J., Siqueiros-Marquez, L., Reyes-Grajeda, J. P. & Montanez, C. (2019). The Dystrophin Isoform Dp71e(Delta 71) Is Involved in Neurite Outgrowth and Neuronal Differentiation of Pc12 Cells. [Journal of Proteomics](#), 191, 80-87.

100 Arceo-May, E. & Moukarzel, C. F. (2019). Synchronization and Extinction in a High-Infectivity Spatial SIRS With Long-Range Links. [Journal of Statistical Mechanics-Theory and Experiment](#), 2019, 013203.

101 Munoz-Vazquez, A. J., Sanchez-Orta, A. & Parra-Vega, V. (2019). A General Result on Non-Existence of Finite-Time Stable Equilibria in Fractional-Order Systems. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 356(1), 268-275.

102 Soto, K. M., Quezada-Cervantes, C. T., Hernandez-Iturriaga, M., Luna-Barcenas, G., Vazquez-Duhalt, R. & Mendoza, S. (2019). Fruit peels waste for the green synthesis of silver nanoparticles with antimicrobial activity against foodborne pathogens. [Lwt-Food Science and Technology](#), 103, 293-300.

- 103 Rubio-Cisneros, N. T., Moreno-Baez, M., Glover, J. et al. (2019). Poor fisheries data, many fishers, and increasing tourism development: Interdisciplinary views on past and current small-scale fisheries exploitation on Holbox Island. [Marine Policy](#), 100, 8-20.
- 104 Padmasree, K. P. & Fuentes, A. F. (2019). Dielectric relaxation studies of Ce_{0.9-x}Y_xCa_{0.102}-delta solid electrolytes. [Materials Chemistry and Physics](#), 223, 466-472.
- 105 Galdamez, A., Serrano, A., Santana, G., Arjona, N., Arriaga, L. G., Ramirez, J. T., Oza, G. & Dutt, A. (2019). Dna Probe Functionalization on Different Morphologies of ZnO/Au Nanowire for Bio-Sensing Applications. [Materials Letters](#), 235, 250-253.
- 106 Barquera-Bibiano, Z., Maldonado, J. L., Manzano-Ramirez, A. et al. (2019). Increasing the Efficiency of Organic Solar Cells by Using a Bulk Electron Transport Layer of Pfn and Green Synthesized Agns. [Materials Letters](#), 237, 101-104.
- 107 Moreno-Luna, F. B., Tovar-Corona, A., Herrera-Perez, J. L., Santoyo-Salazar, J., Rubio-Rosa, E. & Vazquez-Cuchillo, O. (2019). Quick Synthesis of Gold Nanoparticles at Low Temperature, by Using Agave Potatorum Extracts. [Materials Letters](#), 235, 254-257.
- 108 Flores-Rojas, E., Guerrero-Gutierrez, O. X. & Solorza-Feria, O. (2019). Versatile synthesis of CuPt nanocatalysts for oxygen reduction reaction. [Materials Letters](#), 239, 98-101.
- 109 Aruna-Devi, R., Latha, M., Velumani, S., Santoyo-Salazar, J. & Santos-Cruz, J. (2019). Telescoping synthesis and goldilocks of CZTS nanocrystals. [Materials Research Bulletin](#), 111, 342-349.
- 110 Gonzalez-Chan, I. J. & Oliva, A. I. (2019). Kinetic of growth of chemically deposited ZnS films near room temperature conditions. [Materials Research Express](#), 6(1), 016415.
- 111 Paredes-Sanchez, C., Sanchez-Alarcon, R. I., Hernandez-Silva, O. et al. (2019). Ultrasonic Spray Pyrolyzed Copper Oxide and Copper-Aluminum Oxide Thin Films: Optical, Structural and Electronic Properties. [Materials Research Express](#), 6(2), 026424.
- 112 Hernandez-Rangel, A., Silva-Bermudez, P., Espana-Sanchez, B. L., Luna-Hernandez, E., Almaguer-Flores, A., Ibarra, C., Garcia-Perez, V. I., Velasquillo, C. & Luna-Barcenas, G. (2019). Fabrication and in Vitro Behavior of Dual-Function Chitosan/Silver Nanocomposites for Potential Wound Dressing Applications. [Materials Science & Engineering C-Materials for Biological Applications](#), 94, 750-765.
- 113 Tamayo, R. C., Polupan, G., Torchynska, T. V., Vega-Macotela, L. G., Stintz, A. & Echavarria, A. E. (2019). Algalins Capping Layer Impact on Emission and Structure of Algaas/Gaas Quantum Wells With Inas Quantum Dots. [Materials Science in Semiconductor Processing](#), 90, 212-218.
- 114 Ortiz-Ramos, D. E., Martinez-Enriquez, A. I. & Gonzalez, L. A. (2019). Cus Films Grown by a Chemical Bath Deposition Process With Amino Acids as Complexing Agents. [Materials Science in Semiconductor Processing](#), 89, 18-25.

115 Compean-Garcia, V. D., Moreno-Garcia, H., Lopez-Luna, E., Perez Ladron de Guevara, H., Escobosa Echavarria, A., Kudriavtsev, Y., Rodriguez-Aranda, F. J., Rodriguez, A. G. & Vidal, M. A. (2019). Effects of Mg incorporation in cubic GaN films grown by PAMBE near Ga rich conditions. [Materials Science in Semiconductor Processing](#), 93, 196-200.

116 Boyer, F., Hernandez-Santamaria, V. & De Teresa, L. (2019). Insensitizing Controls for a Semilinear Parabolic Equation: a Numerical Approach. [Mathematical Control and Related Fields](#), 9(1), 117-158.

117 Bedoya, A., Gonzalez, J., Rodriguez-Aseguinolaza, J., Mendioroz, A., Sommier, A., Batsale, J. C., Pradere, C. & Salazar, A. (2019). Measurement of in-plane thermal diffusivity of solids moving at constant velocity using laser spot infrared thermography. [Measurement](#), 134, 519-526.

118 Pons-Flores, C. A., Mejia, I., Hernandez, I., Garduno, I. & Estrada, M. (2019). High performance, low temperature processed Hf-In-Zn-O/HfO₂ thin film transistors, using PMMA as etch-stop and passivation layer. [Microelectronic Engineering](#), 205, 1-5.

119 Perez-Wences, C., Loo-Yau, J. R., Lavandera-Hernandez, I., Moreno, P., Reynoso-Hernandez, A. J. & Aguilar-Lobo, L. M. (2019). Compact Microstrip Lowpass-Bandpass Diplexer Using Radial Stubs. [Microwave and Optical Technology Letters](#), 61(2), 485-489.

120 Mendoza-Galvan, A., Tejeda-Galan, T., Dominguez-Gomez, A. B., Mauricio-Sanchez, R. A., Jarrendahl, K. & Arwin, H. (2019). Linear Birefringent Films of Cellulose Nanocrystals Produced by Dip-Coating. [Nanomaterials](#), 9(1), 45.

121 Guerrero, J., Torres, J., Creuze, V. & Chemori, A. (2019). Trajectory tracking for autonomous underwater vehicle: An adaptive approach. [Ocean Engineering](#), 172, 511-522.

122 Valencia-Cervantes, J., Huerta-Yepez, S., Aquino-Jarquín, G., Rodríguez-Enriquez, S., Martínez-Fong, D., Arias-Montano, J. A. & Davila-Borja, V. M. (2019). Hypoxia Increases Chemoresistance in Human Medulloblastoma Daoy Cells Via Hypoxia-Inducible Factor 1-Mediated Downregulation of the Cyp2b6, Cyp3a4 and Cyp3a5 Enzymes and Inhibition of Cell Proliferation. [Oncology Reports](#), 41(1), 178-190.

123 Hernandez-Granados, A., Corpus-Mendoza, A. N., Moreno-Romero, P. M., Rodriguez-Castaneda, C. A., Pascoe-Sussoni, J. E., Castelo-Gonzalez, O. A., Menchaca-Campos, E. C., Escorcia-Garcia, J. & Hu, H. (2019). Optically uniform thin films of mesoporous TiO₂ for perovskite solar cell applications. [Optical Materials](#), 88, 695-703.

124 Escorcia-Garcia, J. & Mora-Ramos, M. E. (2019). Optical Reflectivity and Spatial Mode Localization of White-Noise Random Dielectric Oxide Multilayers. [Optics Communications](#), 432, 1-7.

125 Ramirez-Flores, C. J., Cruz-Miron, R., Arroyo, R., Mondragon-Castelan, M. E., Nopal-Guerrero, T., Gonzalez-Pozos, S., Rios-Castro, E. & Mondragon-Flores, R. (2019). Characterization of Metalloproteases and Serine Proteases of Toxoplasma Gondii Tachyzoites and Their Effect on Epithelial Cells. [Parasitology Research](#), 118(1), 289-306.

126 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Search for Low-Mass Resonances Decaying Into Bottom Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. [Physical Review D](#), 99(1), 012005.

127 Drori, J., Rosenberg, Y., Bermudez, D., Silberberg, Y. & Leonhardt, U. (2019). Observation of Stimulated Hawking Radiation in an Optical Analogue. [Physical Review Letters](#), 122(1), 010404.

128 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. [Physical Review Letters](#), 122(2), 021801.

129 Acharya, S., Torales-Acosta, F., Adamova, D. et al. (2019). Dielectron and Heavy-Quark Production in Inelastic and High-Multiplicity Proton-Proton Collisions at $\sqrt{s}=13$ TeV. [Physics Letters B](#), 788, 505-518.

130 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2019). Search for Higgs Boson Pair Production in the $\gamma\gamma B(\bar{B})$ Final State in Pp Collisions at $\sqrt{s}=13$ TeV. [Physics Letters B](#), 788, 7-36.

131 Acharya, S., Acosta, F. T., Adamova, D. et al. (2019). Transverse Momentum Spectra and Nuclear Modification Factors of Charged Particles in Xe-Xe Collisions at $\sqrt{s(NN)}=5.44$ TeV. [Physics Letters B](#), 788, 166-179.

132 Salas-Mendez, E. J., Vicente, A., Pinheiro, A. C. et al. (2019). Application of edible nanolaminate coatings with antimicrobial extract of *Flourensia cernua* to extend the shelf-life of tomato (*Solanum lycopersicum* L.) fruit. [Postharvest Biology and Technology](#), 150, 19-27.

133 Gildo-Ortiz, L., Rodriguez-Betancourt, V. M., Blanco-Alonso, O., Guillen-Bonilla, A., Guillen-Bonilla, J. T., Guillen-Cervantes, A., Santoyo-Salazar, J. & Guillen-Bonilla, H. (2019). A simple route for the preparation of nanostructured $GdCoO_3$ via the solution method, as well as its characterization and its response to certain gases. [Results in Physics](#), 12, 475-483.

134 Cruz-Narvaez, Y., Rico-Arzate, E., Castro-Arellano, J. J., Noriega-Altamirano, G., Pina-Escobedo, A., Murugesan, S. & Garcia-Mena, J. (2019). Obtaining Microorganisms in Cloud Forest Soils for the Degradation of Aromatic Hydrocarbons. [Revista Chapingo Serie Ciencias Forestales Y Del Ambiente](#), 25(1), 95-106.

135 Lopez-Carmona, D. A., Alarcon, A., Martinez-Romero, E., Pena-Cabriaes, J. J. & Larsen, J. (2019). Maize plant growth response to whole rhizosphere microbial communities in different mineral N and P fertilization scenarios. [Rhizosphere](#), 9, 38-46.

136 Valenzuela, E. I., Avendano, K. A., Balagurusamy, N., Arriaga, S., Nieto-Delgado, C., Thalasso, F. & Cervantes, F. J. (2019). Electron Shuttling Mediated by Humic Substances Fuels Anaerobic Methane Oxidation and Carbon Burial in Wetland Sediments. [Science of the Total Environment](#), 650, 2674-2684.

137 Gonzalez-Chavez, M. D. A., Carrillo-Gonzalez, R., Cuellar-Sanchez, A., Delgado-Alvarado, A., Suarez-Espinosa, J., Rios-Leal, E., Solis-Dominguez, F. A. & Maldonado-Mendoza, I. E. (2019). Phytoremediation Assisted by Mycorrhizal Fungi of a Mexican Defunct Lead-Acid Battery Recycling Site. [Science of the Total Environment](#), 650, 3134-3144.

138 Martinez-Landeros, V. H., Hernandez-Como, N., Gutierrez-Heredia, G., Ramirez-Bon, R., Quevedo-Lopez, M. A. & Aguirre-Tostado, F. S. (2019). Low-Temperature Thin Film Transistors Based on Pulsed Laser Deposited Cds Active Layers. [Semiconductor Science and Technology](#), 34(2), 025008.

139 Resendiz, L., Balderrama, V. S., Lastra, G., Ramirez, M., Cabrera, V. & Estrada, M. (2019). Optimization of PFN thickness in inverted high-performance PTB7:PC70BM solar cells. [Solid-State Electronics](#), 153, 33-36.

140 De La Cruz, G. G. (2019). Bulk and Surface Plasmons in Graphene Finite Superlattices. [Superlattices and Microstructures](#), 125, 315-321.

141 Mishra, S., Saha, S., Mondal, S. & Coello-Coello, C. A. (2019). A divide-and-conquer based efficient non-dominated sorting approach. [Swarm and Evolutionary Computation](#), 44, 748-773.

142 Solares, E., Coello-Coello, C. A., Fernandez, E. & Navarro, J. (2019). Handling uncertainty through confidence intervals in portfolio optimization. [Swarm and Evolutionary Computation](#), 44, 774-787.

143 Chavez-Urbiola, I. R., Willars-Rodriguez, F. J., Ramirez-Bon, R., Vorobiev, P. & Vorobiev, Y. V. (2019). Development and Characterization of Photodiode N-Zno/P-Si by Radio Frequency Sputtering, a Sensor With Low Voltage Operation and Its Response to Visible and Uv Light. [Thin Solid Films](#), 669, 364-370.

144 Gutierrez-Martinez, I. Z., Rubio, J. F., Piedra-Quintero, Z. L. et al. (2019). Mtorc1 Prevents Epithelial Damage During Inflammation and Inhibits Colitis-Associated Colorectal Cancer Development. [Translational Oncology](#), 12(1), 24-35.

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

145 Razvarz, S., Jafari, R. & Gegov, A. (2019). Solving partial differential equations with bernstein neural networks. [Advances in Intelligent Systems and Computing](#), 840, 57-70.

146 Ramirez-Moreno, M. A., Orozco-Soto, S. M., Ibarra-Zannatha, J. M. & Gutierrez, D. (2019). Artificial vision algorithm for object manipulation with a robotic arm in a semi-autonomous brain-computer interface. [Biosystems and Biorobotics](#), 22, 187-191.

147 Perez-Sanpablo, A. I., Disselhorst-Klug, C., Ibarra Zannatha, J. M., Gutierrez-Martinez, J., Penalosa, A. M., Romero-Avila, E. & Orozco-Soto, S. M. (2019). Design specifications and usability issues considered in the user centered design of a wearable exoskeleton for upper limb of children with spastic cerebral palsy. [Biosystems and Biorobotics](#), 22, 192-195.

148 Orozco-Soto, S. M., Perez-Sanpablo, A. I., Vera-Bustamante, P. & Ibarra-Zannatha, J. M. (2019). Development of a visual-inertial motion tracking system for muscular-effort/angular joint-position relation to obtain a quantifiable variable of spasticity. [Biosystems and Biorobotics](#), 22, 210-215.

149 Pena-Romo, A., Rios-Rodriguez, A., Escalante-Acosta, B. & Rodriguez-Gonzalez, J. (2019). Presence of Stochastic Resonance in Isolated Mouse Heart. [lfmbe Proceedings](#), 68, 889-895.

150 Lv, X., Rodriguez, I., Hu, C., Shang, J., Sit, P. H. L., Ye, C., Oskam, G. & Teoh, W. Y. (2019). Modulated anodization synthesis of Sn-doped iron oxide with enhanced solar water splitting performance. [Materials Today Chemistry](#), 12, 7-15.

151 Cazares, M. & Schutze, O. (2019). An application of data envelopment analysis to the performance assessment of online social networks usage in mazatlan hotel organizations: 5th Workshop on Numerical and Evolutionary Optimization, NEO 2017. [Studies in Computational Intelligence](#), 785, 295-310.

152 Cruz Hernandez, H. & De la Fraga, L. G. (2019). Fitting multiple ellipses with PEARL and a multi-objective genetic algorithm. [Studies in Computational Intelligence](#), 785, 89-107.

153 Lopez-Arredondo, J., Tlelo-Cuautle, E., De la Fraga, L. G., Carbajal-Gomez, V. H. & Duarte-Villasenor, M. A. (2019). Optimal sizing of low-dropout voltage regulators by NSGA-II and PVT analysis. [Studies in Computational Intelligence](#), 785, 225-247.

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

154 Poznyak, A. (2019). My Friend Vadim I. Utkin (Sketch on Friendship and Some Photos From Private Archives) Preface. [International Journal of Robust and Nonlinear Control](#), 29(3), 522-528.

155 Trujillo, L., Schutze, O., Maldonado, Y. & Valle, P. (2019). Preface. [Studies in Computational Intelligence](#), 785, v-vi.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

156 Verdugo-Diaz, L., Medina-Salazar, I., Pizarro, M. & Elias-Vinas, D. (2019). Effect of Transcranial Magnetic Stimulation in a model of rat-'s Hemiparkinson. [Brain Stimulation](#), 12(2), 471.

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

157 Lagunas-Rangel, F. A. & Bermudez-Cruz, R. M. (2019). Epigenetics in the Early Divergent Eukaryotic Giardia Duodenalis: an Update. [Biochimie](#), 156, 123-128.

158 Rajarathnam, K., Schnoor, M., Richardson, R. M. & Rajagopal, S. (2019). How do chemokines navigate neutrophils to the target site: Dissecting the structural mechanisms and signaling pathways. [Cellular Signalling](#), 54, 69-80.

159 Navarrete-Modesto, V., Orozco-Suarez, S., Feria-Romero, I. A. & Rocha, L. (2019). The molecular hallmarks of epigenetic effects mediated by antiepileptic drugs. [Epilepsy Research](#), 149, 53-65.

160 Guerrero-Alba, R., Rodriguez, M. G., Marichal-Cancino, B. A., Barragan-Iglesias, P., Gonzalez-Hernandez, A., Condes-Lara, M., Valdez-Morales, E. E. & Granados-Soto, V. (2019). Some Prospective Alternatives for Treating Pain: the Endocannabinoid System and Its Putative Receptors Gpr18 and Gpr55. [Frontiers in Pharmacology](#), 9, 1496.

161 Sanchez-Lopez, C., Quintanar, L., Rossetti, G. & Carloni, P. (2019). Structural Determinants of the Prion Protein N-Terminus and Its Adducts with Copper Ions. [International Journal of Molecular Sciences](#), 20(1), 18.

162 Gazquez, J. L., Franco-Perez, M., Ayers, P. W. & Vela, A. (2019). Temperature-Dependent Approach to Chemical Reactivity Concepts in Density Functional Theory. [International Journal of Quantum Chemistry](#), 119(2), e25797.

Última actualización: febrero 07, 2019. 02:56 p.m.