

ARTÍCULOS DEL MES DE AGOSTO DE 2015

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

- 1 Jimenez-Sanchez, A., Ortiz, B., Navarrete, V. O., Farfan, N. & Santillan, R. (2015). Two Fluorescent Schiff Base Sensors for Zn²⁺: the Zn²⁺/Cu²⁺ Ion Interference. [Analyst](#), 140(17), 6031-6039.
- 2 Clempner, J. B. & Poznyak, A. S. (2015). Computing the Strong Nash Equilibrium for Markov Chains Games. [Applied Mathematics and Computation](#), 265, 911-927.
- 3 Hernandez, D., Granados, C. G., Sanchez, E., Albericio, F. & Alvarez, M. (2015). Palladium-Catalyzed Coupling Reactions for the Preparation of Concatenated Azoles. [Arkivoc](#), (5), 34-43.
- 4 Heslop, J. K., Anthony, K. M. W., Sepulveda-Jauregui, A., Martinez-Cruz, K., Bondurant, A., Grosse, G. & Jones, M. C. (2015). Thermokarst Lake Methanogenesis Along a Complete Talik Profile. [Biogeosciences](#), 12(14), 4317-4331.
- 5 Martinez-Cruz, K., Sepulveda-Jauregui, A., Walter-Anthony, K. & Thalasso, F. (2015). Geographic and seasonal variation of dissolved methane and aerobic methane oxidation in Alaskan lakes. [Biogeosciences](#), 12, 4595-4606.
- 6 Arce-Rodriguez, M. L. & Ochoa-Alejo, N. (2015). Silencing At3 Gene Reduces the Expression of Pamt, Bcat, Kas, and Acl Genes Involved in Capsaicinoid Biosynthesis in Chili Pepper Fruits. [Biologia Plantarum](#), 59(3), 477-484.
- 7 Ayala-Sarmiento, A. E., Martinez-Fong, D. & Segovia, J. (2015). The Internalization of Neurotensin by the Low-Affinity Neurotensin Receptors (Ntsr2 and Vntsrs2) Activates Erk 1/2 in Glioma Cells and Allows Neurotensin-Polyplex Transfection of Tgas1. [Cellular and Molecular Neurobiology](#), 35(6), 785-795.
- 8 Lopez-Perez, P. A., Cuevas-Ortiz, F. A., Gomez-Acata, R. V. & Aguilar-Lopez, R. (2015). Improving Bioethanol Production Via Nonlinear Controller With Noisy Measurements. [Chemical Engineering Communications](#), 202(11), 1438-1445.
- 9 Gonzalez-Santillan, E. & Prendini, L. (2015). Phylogeny of the North American Vaejovid Scorpion Subfamily Syntropinae Kraepelin, 1905, Based on Morphology, Mitochondrial and Nuclear Dna. [Cladistics](#), 31(4), 341-405.
- 10 Ledesma-Motolinia, M., Braibanti, M., Rojas-Ochoa, L. F. & Haro-Perez, C. (2015). Interplay between internal structure and optical properties of thermosensitive nanogels. [Colloids and Surfaces A: Physicochemical and Engineering Aspects](#), 482, 724-727.
- 11 Angulo-Sherman, I. N. & Gutierrez, D. (2015). A Link Between the Increase in Electroencephalographic Coherence and Performance Improvement in Operating a Brain-Computer Interface. [Computational Intelligence and Neuroscience](#), 2015, 824175.

- 12 Santana-Gomez, C. E., Alcantara-Gonzalez, D., Luna-Munguia, H., Banuelos-Cabrera, I., Magdaleno-Madrigal, V., Fernandez-Mas, R., Besio, W. & Rocha, L. (2015). Transcranial Focal Electrical Stimulation Reduces the Convulsive Expression and Amino Acid Release in the Hippocampus During Pilocarpine-Induced Status Epilepticus in Rats. *Epilepsy & Behavior*, 49, 33-39.
- 13 Lagomasino, D., Price, R. M., Herrera-Silveira, J., Miralles-Wilhelm, F., Merediz-Alonso, G. & Gomez-Hernandez, Y. (2015). Connecting Groundwater and Surface Water Sources in Groundwater Dependent Coastal Wetlands and Estuaries: Sian Ka'an Biosphere Reserve, Quintana Roo, Mexico. *Estuaries and Coasts*, 38(5), 1744-1763.
- 14 Matos, T. & Gomez, E. (2015). Space-Time Curvature Signatures in Bose-Einstein Condensates. *European Physical Journal D*, 69(5), 125.
- 15 Kumar-Krishnan, S., Prokhorov, E., Hernandez-Iturriaga, M., Mota-Morales, J. D., Vazquez-Lepe, M., Kovalenko, Y., Sanchez, I. C. & Luna-Barcenas, G. (2015). Chitosan/Silver Nanocomposites: Synergistic Antibacterial Action of Silver Nanoparticles and Silver Ions. *European Polymer Journal*, 67, 242-251.
- 16 Villa-Ruano, N., Pacheco-Hernandez, Y., Rubio-Rosas, E., Lozoya-Gloria, E., Mosso-Gonzalez, C., Ramon-Canul, L. G. & Cruz-Duran, R. (2015). Essential Oil Composition and Biological/Pharmacological Properties of Salmea Scandens (L.) Dc. *Food Control*, 57, 177-184.
- 17 Guo, F. G., Ortega-Pierres, G., Arguello-Garcia, R., Zhang, H. L. & Zhu, G. (2015). Giardia Fatty Acyl-Coa Synthetases as Potential Drug Targets. *Frontiers in Microbiology*, 6, 753.
- 18 Martinez-Espinosa, R., Arguello-Garcia, R., Saavedra, E. & Ortega-Pierres, G. (2015). Albendazole Induces Oxidative Stress and Dna Damage in the Parasitic Protozoan Giardia Duodenalis. *Frontiers in Microbiology*, 6, 800.
- 19 Barraza, A., Cabrera-Ponce, J. L., Gamboa-Becerra, R., Luna-Martinez, F., Winkler, R. & Alvarez-Venegas, R. (2015). The Phaseolus Vulgaris Pvtrx1h Gene Regulates Plant Hormone Biosynthesis in Embryogenic Callus From Common Bean. *Frontiers in Plant Science*, 6, 577.
- 20 Toscano-Morales, R., Xoconostle-Cazares, B., Cabrera-Ponce, J. L., Hinojosa-Moya, J., Ruiz-Salas, J. L., Galvan-Gordillo, S. V., Guevara-Gonzalez, R. G. & Ruiz-Medrano, R. (2015). Attctp2, an Arabidopsis Thaliana Homolog of Translationally Controlled Tumor Protein, Enhances in Vitro Plant Regeneration. *Frontiers in Plant Science*, 6, 468.
- 21 Gonzalez, A. & Torruco, D. (2015). Distribution of Macroalgae in the Banco Chinchorro Reef Lagoon: Coral Reef of the Mexican Caribbean. *Gayana Botanica*, 72(1), 114-124.
- 22 Osorio, R., Vazquez, D., Lopez, I., Pena, M., Savage, J. & Lefranc, G. (2015). System Administration and Monitoring Moving Objects Using Mobile Devices. *Ieee Latin America Transactions*, 13(6), 1934-1939.

- 23 Pena, M., Gomez, J. A., Osorio, R., Lopez, I., Lomas, V., Gomez, H. & Lefranc, G. (2015). Fuzzy Logic for Omnidirectional Mobile Platform Control Displacement Using Fpga and Bluetooth Communication Devices. [Ieee Latin America Transactions](#), 13(6), 1907-1914.
- 24 Rodriguez, A. E., Luna, R., Perez, J. R., Torres, J., Dominguez, A., Sira, H. & Castro, R. (2015). Robust Control for Cultivation of Microorganisms in a High Density Fed-Batch Bioreactor. [Ieee Latin America Transactions](#), 13(6), 1927-1933.
- 25 Carreon, A., Baltazar, A. & Kim, J. Y. (2015). Determination of Contact Evolution on a Soft Hemispherical Probe Using Ultrasound. [Ieee Sensors Journal](#), 15(9), 5303-5311.
- 26 Chakraborty, D., Mancillas-Lopez, C. & Sarkar, P. (2015). Stes: a Stream Cipher Based Low Cost Scheme for Securing Stored Data. [Ieee Transactions on Computers](#), 64(9), 2691-2707.
- 27 Rivera-Dominguez, J. (2015). Discrete-Time Modeling and Control of Induction Motors by Means of Variational Integrators and Sliding Modes-Part I: Mathematical Modeling. [Ieee Transactions on Industrial Electronics](#), 62(9), 5393-5401.
- 28 Barocio, E., Pal, B. C., Thornhill, N. F. & Messina, A. R. (2015). A Dynamic Mode Decomposition Framework for Global Power System Oscillation Analysis. [Ieee Transactions on Power Systems](#), 30(6), 2902-2912.
- 29 Escobar, J. & Poznyak, A. (2015). Benefits of Variable Structure Techniques for Parameter Estimation in Stochastic Systems Using Least Squares Method and Instrumentalvariables. [International Journal of Adaptive Control and Signal Processing](#), 29(8), 1038-1054.
- 30 Hernandez-Lopez, A., Torres-Huitzil, C. & Garcia-Hernandez, J. J. (2015). Fpga-Based Flexible Hardware Architecture for Image Interest Point Detection. [International Journal of Advanced Robotic Systems](#), 12, 93.
- 31 Trejo, K. K., Clempner, J. B. & Poznyak, A. S. (2015). Computing the Stackelberg/Nash Equilibria Using the Extraproximal Method: Convergence Analysis and Implementation Details for Markov Chains Games. [International Journal of Applied Mathematics and Computer Science](#), 25(2), 337-351.
- 32 c (2015). Solution Processable P3ht/Cds Hybrid Solar Cells With Different Layer Configurations. [International Journal of Electrochemical Science](#), 10(7), 5614-5623.
- 33 Rangel-Valdez, N., Barron-Zambrano, J. H., Torres-Huitzil, C. & Torres-Jimenez, J. (2015). An Efficient Fpga Architecture for Integer Nth Root Computation. [International Journal of Electronics](#), 102(10), 1675-1694.
- 34 Aguilar-Ibanez, C., Mendoza-Mendoza, J. A., Martinez, J. C., De Jesus Rubio, J. & Suarez-Castanon, M. S. (2015). A Limit Set Stabilization by Means of the Port Hamiltonian System Approach. [International Journal of Robust and Nonlinear Control](#), 25(12), 1739-1750.
- 35 Bermejo, I., Garcia-Marco, I. & Reyes, E. (2015). Graphs and Complete Intersection Toric Ideals. [Journal of Algebra and Its Applications](#), 14(9), 1540011.

- 36 Diaz-Guillen, J. A., Dura, O. J., Diaz-Guillen, M. R., Bauer, E., Lopez-De la Torre, M. A. & Fuentes, A. F. (2015). Thermophysical properties of Gd₂Zr₂O₇ powders prepared by mechanical milling: Effect of homovalent Gd³⁺ substitution. *Journal of Alloys and Compounds*, 649, 1145-1150.
- 37 Galvez-Barboza, S., Gonzalez, L. A., Puente-Urbina, B. A., Saucedo-Salazar, E. M. & Garcia-Cerda, L. A. (2015). Preparation and Characterization of Ce-Doped HfO₂ Nanoparticles. *Journal of Alloys and Compounds*, 643, S62-S66.
- 38 Hernandez-Morales, A., Arvizu-Gomez, J. L., Carranza-Alvarez, C., Gomez-Luna, B. E., Alvarado-Sanchez, B., Ramirez-Chavez, E. & Molina-Torres, J. (2015). Larvicidal Activity of Affinin and Its Derived Amides From Heliopsis Longipes A. Gray Blake Against Anopheles Albimanus and Aedes Aegypti. *Journal of Asia-Pacific Entomology*, 18(2), 227-231.
- 39 Escobedo-Sanchez, M. A., De La Cruz-Burelo, H. A., Arauz-Lara, J. L., Haro-Perez, C. & Rojas-Ochoa, L. F. (2015). Study of Translational and Rotational Dynamics of Birefringent Colloidal Particles by Depolarized Light Scattering in the Far- and Near-Field Regimes. *Journal of Chemical Physics*, 143(4), 044902.
- 40 Franco-Perez, M., Gazquez, J. L. & Vela, A. (2015). Electronic Chemical Response Indexes at Finite Temperature in the Canonical Ensemble. *Journal of Chemical Physics*, 143(2), 024112.
- 41 Ortega-Pierres, G., Vaquero-Vera, A., Fonseca-Linan, R., Bermudez-Cruz, R. M. & Arguello-Garcia, R. (2015). Induction of Protection in Murine Experimental Models Against *Trichinella Spiralis*: an up-to-Date Review. *Journal of Helminthology*, 89(5), 526-539.
- 42 Abelev, B., Adam, J., Adamova, D. et al. (2015). Elliptic Flow of Identified Hadrons in Pb-Pb Collisions at Root(Nn)-N-S=2.76 Tev. *Journal of High Energy Physics*, (6), 190.
- 43 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Inclusive, Prompt and Non-Prompt J/Psi Production at Mid-Rapidity in Pb-Pb Collisions at Root S-Nn=2.76 Tev. *Journal of High Energy Physics*, (7), 51.
- 44 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for the Production of Dark Matter in Association With Top-Quark Pairs in the Single-Lepton Final State in Proton-Proton Collisions at Root S=8 Tev. *Journal of High Energy Physics*, (6), 121.
- 45 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Third-Generation Scalar Leptoquarks in the T Tau Channel in Proton-Proton Collisions at Root S=8 Tev. *Journal of High Energy Physics*, (7), 42.
- 46 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Searches for Third-Generation Squark Production in Fully Hadronic Final States in Proton-Proton Collisions at Root S=8 Tev. *Journal of High Energy Physics*, (6), 116.
- 47 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Performance of Electron Reconstruction and Selection With the CMS Detector in Proton-Proton Collisions at Root S=8 Tev. *Journal of Instrumentation*, 10, P06005.

- 48 Kumar-Krishnan, S., Prokhorov, E., De Fuentes, O. A., Ramirez, M., Bogdanchikova, N., Sanchez, I. C., Mota-Morales, J. D. & Luna-Barcenas, G. (2015). Temperature-Induced Au Nanostructure Synthesis in a Nonaqueous Deep-Eutectic Solvent for High Performance Electrocatalysis. *Journal of Materials Chemistry a*, 3(31), 15869-15875.
- 49 Jimenez-Perez, V. M., Garcia-Lopez, M. C., Munoz-Flores, B. M. et al. (2015). New Application of Fluorescent Organotin Compounds Derived From Schiff Bases: Synthesis, X-Ray Structures, Photophysical Properties, Cytotoxicity and Fluorescent Bioimaging. *Journal of Materials Chemistry B*, 3(28), 5731-5745.
- 50 Aguilar-Gama, M. T., Ramirez-Morales, E., Montiel-Gonzalez, Z., Mendoza-Galvan, A., Sotelo-Lerma, M., Nair, P. K. & Hu, H. L. (2015). Structure and Refractive Index of Thin Alumina Films Grown by Atomic Layer Deposition. *Journal of Materials Science-Materials in Electronics*, 26(8), 5546-5552.
- 51 Chacon, C., Rodriguez-Perez, M., Oskam, G. & Rodriguez-Gattorno, G. (2015). Synthesis and Characterization of Wo₃ Polymorphs: Monoclinic, Orthorhombic and Hexagonal Structures. *Journal of Materials Science-Materials in Electronics*, 26(8), 5526-5531.
- 52 Kathalingam, A., Park, H. C., Kim, S. D., Kim, H. S., Velumani, S. & Mahalingam, T. (2015). Synthesis of ZnO Nanorods Using Different Precursor Solutions and Their Two Terminal Device Characterization. *Journal of Materials Science-Materials in Electronics*, 26(8), 5724-5734.
- 53 Kravchenko, V. V., Torba, S. M. & Velasco-Garcia, U. (2015). Spectral Parameter Power Series for Sturm-Liouville Equations With a Potential Polynomially Dependent on the Spectral Parameter and Zakharov-Shabat Systems. *Journal of Mathematical Physics*, 56(7), 073508.
- 54 Rios-Alvarado, A. B., Lopez-Arevalo, I., Tello-Leal, E. & Sosa-Sosa, V. J. (2015). An Approach for Learning Expressive Ontologies in Medical Domain. *Journal of Medical Systems*, 39(8), 75.
- 55 Labra-Vazquez, P., Lugo-Aranda, A. Z., Maldonado-Dominguez, M., Arcos-Ramos, R., Carreon-Castro, M. P., Santillan, R. & Farfan, N. (2015). On the molecular structure of (E)-3-(9H-fluoren-2-yl)-1-(pyridin-2-yl)prop-2-en-1-one, theoretical calculations and SXRD studies. *Journal of Molecular Structure*, 1101, 116-123.
- 56 Garcia-Lara, L., Perez-Severiano, F., Gonzalez-Esquivel, D., Elizondo, G. & Segovia, J. (2015). Absence of Aryl Hydrocarbon Receptors Increases Endogenous Kynurenic Acid Levels and Protects Mouse Brain Against Excitotoxic Insult and Oxidative Stress. *Journal of Neuroscience Research*, 93(9), 1423-1433.
- 57 De La Cruz-Cruz, J. I. & Paz-Sandoval, M. A. (2015). Ruthenium Complexes Containing Hexamethylbenzene and Butadienesulfonyl Ligands: Synthesis and Reactivity Toward Co, Nitrogen and Phosphine Ligands. *Journal of Organometallic Chemistry*, 791, 107-118.
- 58 Sarmiento-Alvarado, I. A., Bouzas, A. O. & Larios, F. (2015). Analysis of Top-Quark Charged-Current Coupling at the Lhec. *Journal of Physics G-Nuclear and Particle Physics*, 42(8), 085001.

- 59 Bernal, J. & Torres-Jimenez, J. (2015). Sagrad: a Program for Neural Network Training With Simulated Annealing and the Conjugate Gradient Method. [Journal of Research of the National Institute of Standards and Technology](#), 120, 113-128.
- 60 Rodriguez-Hernandez, M. G., Jimenez, O., Alvarado-Hernandez, F., Flores, M., Andrade, E., Canto, C. E., Avila, C. & Espinoza-Beltran, F. (2015). The Effect of C Content on the Mechanical Properties of Ti-Zr Coatings. [Journal of the Mechanical Behavior of Biomedical Materials](#), 49, 269-276.
- 61 Leyva-Gonzalez, K. A., Deaquino-Lara, R., Pourjafari, D., Martinez-Sanchez, R., Hernandez-Rodriguez, M. A. L. & Garcia-Sanchez, E. (2015). Calorimetry Study of the Precipitation in an Al7075-Graphite Composite Fabricated by Mechanical Alloying and Hot Extrusion. [Journal of Thermal Analysis and Calorimetry](#), 121(2), 589-595.
- 62 Broitman, E. & Flores-Ruiz, F. J. (2015). Novel Method for in-Situ and Simultaneous Nanofriction and Nanowear Characterization of Materials. [Journal of Vacuum Science & Technology a](#), 34(4), 043201.
- 63 Thenozhi, S. & Yu, W. (2015). Active Vibration Control of Building Structures Using Fuzzy Proportional-Derivative/Proportional-Integral-Derivative Control. [Journal of Vibration and Control](#), 21(12), 2340-2359.
- 64 Ramirez-Ruiz, M. A., Sima-Alvarez, R., Torres-Irineo, E. & Rodriguez-Canul, R. (2015). Implementation of the Mixed Linear Models in Experimental Infections With Wssv in the Withe Shrimp Litopenaeus Vannamei. [Latin American Journal of Aquatic Research](#), 43(3), 557-565.
- 65 Orona-Tamayo, D., Valverde, M. E., Nieto-Rendon, B. & Paredes-Lopez, O. (2015). Inhibitory Activity of Chia (*Salvia Hispanica L.*) Protein Fractions Against Angiotensin I-Converting Enzyme and Antioxidant Capacity. [Lwt-Food Science and Technology](#), 64(1), 236-242.
- 66 Hernandez-Landa, R. C., Acosta-Gonzalez, G., Nunez-Lara, E. & Arias-Gonzalez, J. E. (2015). Spatial Distribution of Surgeonfish and Parrotfish in the North Sector of the Mesoamerican Barrier Reef System. [Marine Ecology-an Evolutionary Perspective](#), 36(3), 432-446.
- 67 Jayaraman, V. K., Alvarez, A. M. & Amador, M. D. O. (2015). A Simple and Cost-Effective Zinc Oxide Thin Film Sensor for Propane Gas Detection. [Materials Letters](#), 157, 169-171.
- 68 Ferreira, G., Hernandez-Martinez, A. R., Pool, H., Molina, G., Cruz-Soto, M., Luna-Barcenas, G. & Estevez, M. (2015). Synthesis and functionalization of silica-based nanoparticles with fluorescent biocompounds extracted from *Eysenhardtia polystachya* for biological applications. [Materials Science and Engineering: C](#), 57, 49-57.
- 69 Zapata-Torres, M., Hernandez-Rodriguez, E., Mis-Fernandez, R., Melendez-Lira, M., Calzadilla-Amaya, O., Bahena, D., Rejon, V. & Pena, J. L. (2015). Visible and infrared photocatalytic activity of TiO_x thin films prepared by reactive sputtering. [Materials Science in Semiconductor Processing](#), 40, 720-726.

- 70 Perez-Andrade, R., Torres-Huitzil, C. & Cumplido, R. (2015). Processor arrays generation for matrix algorithms used in embedded platforms implemented on FPGAs. [Microporcessors and Microsystems](#), 39(7), 576-588.
- 71 Fernandez-Rojas, B., Rodriguez-Rangel, D. S., Granados-Castro, L. F. et al. (2015). C-Phycocyanin Prevents Cisplatin-Induced Mitochondrial Dysfunction and Oxidative Stress. [Molecular and Cellular Biochemistry](#), 406(1-2), 183-197.
- 72 Britto-Hurtado, R., Cortez-Valadez, M., Alvarez, R. A. B. et al. (2015). Green Synthesis and Radial Breathing Modes in Ti Nanoparticles. [Nano](#), 10(5), 1550069.
- 73 Sanchez-Garcia, M. A., Bokhimi, X., Maldonado-Alvarez, A. & Jimenez-Gonzalez, A. E. (2015). Effect of Anatase Synthesis on the Performance of Dye-Sensitized Solar Cells. [Nanoscale Research Letters](#), 10, 306.
- 74 Munoz, M. A., San-Martin, A. & Joseph-Nathan, P. (2015). Vibrational Circular Dichroism Absolute Configuration of 9,12-Cyclomulin-13-Ol, a Diterpene From Azorella and Laretia Species. [Natural Product Communications](#), 10(8), 1343-1344.
- 75 Barron-Zambrano, J. H., Torres-Huitzil, C. & Girau, B. (2015). Perception-driven adaptive CPG-based locomotion for hexapod robots. [Neurocomputing](#), 170, 63-78.
- 76 Rostro-Gonzalez, H., Cerna-Garcia, P. A., Trejo-Caballero, G., Garcia-Capulin, C. H., Ibarra-Manzano, M. A., Avina-Cervantes, J. G. & Torres-Huitzil, C. (2015). A CPG system based on spiking neurons for hexapod robot locomotion. [Neurocomputing](#), 170, 47-54.
- 77 Leblanc, L. J., Jimenez-Garcia, K., Williams, R. A., Beeler, M. C., Phillips, W. D. & Spielman, I. B. (2015). Gauge Matters: Observing the Vortex-Nucleation Transition in a Bose Condensate. [New Journal of Physics](#), 17, 065016.
- 78 Talapatra, A., Arroyave, R., Entel, P., Valencia-Jaime, I. & Romero, A. H. (2015). Stability Analysis of the Martensitic Phase Transformation in Co₂niga Heusler Alloy. [Physical Review B](#), 92(5), 054107.
- 79 Ayon-Beato, E., Hassaine, M. & Mendez-Zavaleta, J. A. (2015). (Super-)Renormalizably Dressed Black Holes. [Physical Review D](#), 92(2), 024048.
- 80 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Constraints on the Spin-Parity and Anomalous Hvv Couplings of the Higgs Boson in Proton Collisions at 7 and 8 Tev. [Physical Review D](#), 92(1), 012004.
- 81 Kosmas, T. S., Miranda, O. G., Papoulias, D. K., Tortola, M. & Valle, J. W. F. (2015). Probing Neutrino Magnetic Moments at the Spallation Neutron Source Facility. [Physical Review D](#), 92(1), 013011.
- 82 Montiel, A., Breton, N., Cordero, R. & Rojas, E. (2015). Possible Geometrical Origin of the Accelerated Expansion of the Universe. [Physical Review D](#), 92(2), 024042.

- 83 Sigalotti, L. D., Troconis, J., Sira, E., Pena-Polo, F. & Klapp, J. (2015). Smoothed Particle Hydrodynamics Simulations of Evaporation and Explosive Boiling of Liquid Drops in Microgravity. [Physical Review E](#), 92(1), 013021.
- 84 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the Effective Weak Mixing Angle in $P(P)\bar{O} \rightarrow Z/\Gamma \rightarrow E^+E^-$ Events. [Physical Review Letters](#), 115(4), 041801.
- 85 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Pair-Produced Resonances Decaying to Jet Pairs in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 747, 98-119.
- 86 Alvarez-Sandoval, B. A., Manzanilla, L. R., Gonzalez-Ruiz, M., Malgosa, A. & Montiel, R. (2015). Genetic Evidence Supports the Multiethnic Character of Teopancatzco, a Neighborhood Center of Teotihuacan, Mexico (Ad 200-600). [Plos One](#), 10(7), e0132371.
- 87 Campos-Navarrete, M. J., Abdala-Roberts, L., Munguia-Rosas, M. A. & Parra-Tabla, V. (2015). Are Tree Species Diversity and Genotypic Diversity Effects on Insect Herbivores Mediated by Ants? [Plos One](#), 10(8), e0132671.
- 88 Guerrero-Moreno, N., Cisneros-Molina, M., Gervasio, D. & Perez-Robles, J. F. (2015). Approaches to polymer electrolyte membrane fuel cells (PEMFCs) and their cost. [Renewable and Sustainable Energy Reviews](#), 52, 897-906.
- 89 Uribe-Campero, L., Monroy-Garcia, A., Duran-Meza, A. L., Villagrana-Escareño, M. V., Ruiz-Garcia, J., Hernandez, J., Nuñez-Palenius, H. G. & Gomez-Lim, M. A. (2015). Plant-based porcine reproductive and respiratory syndrome virus VLPs induce an immune response in mice. [Research in Veterinary Science](#), 102, 59-66.
- 90 Velazquez-Abunader, I., Gomez-Muñoz, V. M., Salas, S. & Ruiz-Velazco, M. J. (2015). Inter-cohort growth of three tropical resources: tilapia, octopus and lobster. [Revista de Biología Tropical](#), 63(3), 617-627.
- 91 Raygosa-Barahona, R., Olguin-Diaz, E., Parra-Vega, V. & Munoz-Ubando, L. A. (2015). Model Free Control Based on Integral Sliding Modes for Underactuated Underwater Robots. [Revista Iberoamericana De Automática E Informática Industrial](#), 12(3), 313-324.
- 92 Villegas-Sanchez, C. A., Lara-Arenas, J. H., Castro-Perez, J. M. & Arias-Gonzalez, J. E. (2015). Recruitment Patterns of 4 Fish Species in Spur and Patch Habitats at Chinchorro Bank Reef (Mexican Caribbean). [Revista Mexicana De Biodiversidad](#), 86(2), 396-405.
- 93 De Los Rios-Deras, G. C., Rutiaga-Quinones, O. M., Lopez-Miranda, J., Paez-Lerma, J. B., Lopez, M. & Soto-Cruz, N. O. (2015). Improving Agave Duranguensis Must for Enhanced Fermentation. C/N Ratio Effects on Mezcal Composition and Sensory Properties. [Revista Mexicana De Ingeniería Química](#), 14(2), 363-371.

- 94 Jimenez-Perez, J. L., Lopez-Gamboa, G., Cruz-Orea, A. & Correa-Pacheco, Z. N. (2015). Thermal Parameters Study of Biodiesel Containing Au Nanoparticles Using Photothermal Techniques. [Revista Mexicana De Ingenieria Quimica](#), 14(2), 481-487.
- 95 Ledezma-Oblea, J. G., Morales-Sanchez, E., Gaytan-Martinez, M., Figueroa-Cardenas, J. D. & Gaona-Sanchez, V. A. (2015). Corn Starch Nanofilaments Obtained by Electrospinning. [Revista Mexicana De Ingenieria Quimica](#), 14(2), 497-502.
- 96 Morales-Diaz, A., Vazquez-Sandoval, A. D. & Carlos-Hernandez, S. (2015). Analysis and Control of a Distributed Parameter Reactor for Pyrolysis of Wood. [Revista Mexicana De Ingenieria Quimica](#), 14(2), 543-552.
- 97 Couder-Castaneda, C., Barrios-Pina, H., Gitler, I. & Arroyo, M. (2015). Performance of a Code Migration for the Simulation of Supersonic Ejector Flow to Smp, Mic, and Gpu Using Openmp, Openmp Plus Leo, and Openacc Directives. [Scientific Programming](#), 2015, 739107.
- 98 Ibanez, F., Baltazar, A. & Mijarez, R. (2015). Detection of Damage in Multiwire Cables Based on Wavelet Entropy Evolution. [Smart Materials and Structures](#), 24(8), 085036.
- 99 Donis-Maturano, L., Sanchez-Torres, L. E., Cerbulo-Vazquez, A. et al. (2015). Prolonged Exposure to Neutrophil Extracellular Traps Can Induce Mitochondrial Damage in Macrophages and Dendritic Cells. [Springerplus](#), 4(1), 161.
- 100 Diaz-Guillen, J. C., Vargas-Gutierrez, G., Granda-Gutierrez, E. E., Gonzalez, M. A., Diaz-Guillen, J. A. & Alvarez-Contreras, L. (2015). Effects of Pulse Length on Low Frequency Plasma Nitrided 316l Steels. [Surface Engineering](#), 31(8), 623-627.
- 101 Trevino, S., Aguilar-Alonso, P., Hernandez, J. A. F. et al. (2015). A High Calorie Diet Causes Memory Loss, Metabolic Syndrome and Oxidative Stress Into Hippocampus and Temporal Cortex of Rats. [Synapse](#), 69(9), 421-433.
- 102 Gallegos, J. A., Duarte-Mermoud, M. A., Aguilera-Camacho, N. & Castro-Linares, R. (2015). On fractional extensions of Barbalat Lemma. [Systems & Control Letters](#), 84, 7-12.
- 103 Martinez-Campos, V., Martinez-Vega, P., Ramirez-Sierra, M. J. et al. (2015). Expression, purification, immunogenicity, and protective efficacy of a recombinant Tc24 antigen as a vaccine against Trypanosoma cruzi infection in mice. [Vaccine](#), 33(36), 4505-4512.
- 104 Maldonado-Reyes, A., Montero-Ocampo, C., Medina-Garcia, J., Bolado-Rodriguez, S., Alvarez-Benedi, J., Herrera-Vazquez, A. & Castano, V. M. (2015). Electro Coagulation Removal of as From Water: the Role of Phases Formation. [Water Air and Soil Pollution](#), 226(8), 249.

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

- 105 Coello, C. A. C. (2015). Multi-Objective Evolutionary Algorithms in Real-World Applications: Some Recent Results and Current Challenges. *Computational Methods in Applied Sciences*, 36, 3-18.
- 106 Rodriguez Cahuantzia, M. (2015). Analysis of Cosmic-Ray Events With Alice at Lhc. *Epj Web of Conferences*, 99, 08005.
- 107 Banuelos-Cabral, E. S., Gutierrez-Robles, J. A. & Naredo-Villagran, J. L. (2015). Identificacion De Parametros Con Metodos Numericos Para El Modelado De Sistemas Electricos Con Dependencia Frecuencial. *Ingenieria Energetica*, 36(2), 155-167.
- 108 Yee, A. & Alvarado, M. (2015). Mathematical Modeling and Analysis of Learning Techniques for the Game of Go. *International Journal of Mathematical Models and Methods in Applied Sciences*, 9, 293-302.
- 109 Bermudez, D. & Fernandez, D. J. (2015). A Connection Between Supersymmetric Quantum Mechanics and Painleve V Equation. *Journal of Physics: Conference Series*, 624, 012012.
- 110 Chryssomalakos, C., Hernandez-Coronado, H. & Serrano-Ensastiga, E. (2015). Quantum Self-Controlling Free-Falling Cats. *Journal of Physics: Conference Series*, 624, 012007.
- 111 Corral, G. H. (2015). Diffractive Physics With Alice at the Lhc: the Control of Quantum Collisions. *Journal of Physics: Conference Series*, 624, 012008.
- 112 Diaz-Baustista, E. & Fernandez, D. J. (2015). Supercoherent States Approach to the Susy Harmonic Oscillator. *Journal of Physics: Conference Series*, 624, 012014.
- 113 Enrique, M. (2015). Hubbard Operators in Multiqubit Systems. *Journal of Physics: Conference Series*, 624, 012019.
- 114 Fernandez, D. J. & Gonzalez, J. C. (2015). Susy Partners of the Complex Oscillator and Painleve Iv Equation. *Journal of Physics: Conference Series*, 624, 012015.
- 115 Fernandez, D. J. & Morales-Salgado, V. S. (2015). Truncated Harmonic Oscillator and Painleve Iv and V Equations. *Journal of Physics: Conference Series*, 624, 012017.
- 116 Jaimes-Najera, A. (2015). Remarks on the Probability of Finding a Particle in the Interaction Zone of a Scattering Process. *Journal of Physics: Conference Series*, 624, 012020.
- 117 Lozano, O., Lison, D., Escamilla-Rivera, V., Mejia, J., Toussaint, O., Dogne, J. M. & Lucas, S. (2015). The Impact of Instilled Carbide Nanoparticles on Rat Lungs: an in Vivo Perspective on Acute Intratracheal Instillation. *Journal of Physics: Conference Series*, 617, 012017.
- 118 Morales-Luna, G. (2015). Quantum Communication Protocols Based on Entanglement Swapping. *Journal of Physics: Conference Series*, 624, 012003.

119 Quintana, C. & Rosas-Ortiz, O. (2015). Note on the Quantum Correlations of Two Qubits Coupled to Photon Baths. [Journal of Physics: Conference Series](#), 624, 012004.

120 Torres-Vega, G. (2015). Conjugate States to the Energy Eigenstates: the Continuous Energy Spectrum Case. [Journal of Physics: Conference Series](#), 624, 012005.

121 Bazan, I., Ramos, A., Ramirez, A. & Leija, L. (2015). Ultrasonic Thermometry Inside Tissues Based on High-Resolution Detection of Spectral Shifts in Overtones of Scattering Signals. [Physics Procedia](#), 63, 158-162.

122 Enrique-Zarate, J., Abundis-Fong, H. F. & Silva-Navarro, G. (2015). Passive Vibration Control in a Building-Like Structure Using a Tuned-Mass-Damper and an Autoparametric Cantilever Beam Absorber. [Proceedings of Spie](#), 9431, 94312Z.

123 Garcia-Perez, O. A., Silva-Navarro, G., Peza-Solis, J. F. & Trujillo-Franco, L. G. (2015). Trajectory Tracking and Vibration Control in a Space Frame Flexible Structure With a Pzt Stack Actuator. [Proceedings of Spie](#), 9431, 943136.

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

124 Calderon-Gonzalez, K. G., Rustarazo, M. L. V., Labra-Barrios, M. L. et al. (2015). Corrigendum to "Determination of the protein expression profiles of breast cancer cell lines by quantitative proteomics using iTRAQ labelling and tandem mass spectrometry" [Journal of Proteomics 124 (2015) 50-78.]. [Journal of Proteomics](#), 126, 312.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

125 Montejo-Lopez, W., Rivera-Ramirez, N., Escamilla-Sanchez, J., Garcia-Hernandez, U. & Arias-Montano, J. A. (2015). Activation of Endogenous Purinergic Receptors Induces Pkc-Mediated Desensitization of Human Histamine H-3 Receptors Expressed in Cho-K1 Cells. [Inflammation Research](#), 64, S36-S37.

126 Rivera-Ramirez, N., Montejo-Lopez, W., Escamilla-Sanchez, J., Garcia-Hernandez, U. & Arias-Montano, J. A. (2015). Effect of Histamine H-3 Receptor Activation on the Intracellular Concentration of Calcium Ions in Rat Striatal and Pallidal Synaptosomes and Striatal Neurons in Primary Culture. [Inflammation Research](#), 64, S34.

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

127 Leon-Sicairos, N., Angulo-Zamudio, U. A., De La Garza, M., Velazquez-Roman, J., Flores-Villasenor, H. M. & Canizalez-Roman, A. (2015). Strategies of Vibrio Parahaemolyticus to Acquire Nutritional Iron During Host Colonization. [Frontiers in Microbiology](#), 6, 702.

- 128 Baez, I. L., Salas, C. A. P., Saldana, J. M. & Martinez, L. G. T. (2015). Effects of the Modification of Processing Parameters on Mechanical Properties of Hvof Cr₂C₃-25nicr Coatings. [Journal of Thermal Spray Technology](#), 24(6), 938-946.

12

Última actualización: Marzo 24, 2017 11:13 a.m.

