

ARTÍCULOS DEL MES DE NOVIEMBRE DE 2017

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

- 1 Delgado, B. B. & Porter, R. M. (2017). General Solution of the Inhomogeneous Div-Curl System and Consequences. [Advances in Applied Clifford Algebras](#), 27(4), 3015-3037.
- 2 Alvarez-Zuniga, M. T., Santiago-Hernandez, A., Rodriguez-Mendoza, J., Campos, J. E., Pavon-Orozco, P., Trejo-Estrada, S. & Hidalgo-Lara, M. E. (2017). Taxonomic Identification of the Thermotolerant and Fast-Growing Fungus *Lichtheimia Ramosa* H71d and Biochemical Characterization of the Thermophilic Xylanase Lrxyna. [Amb Express](#), 7, 194.
- 3 Bivian-Hernandez, M. D., Lopez-Tlacomulco, J., Mares-Mares, E., Ibarra, J. E. & Rincon-Castro, M. C. (2017). Genomic Analysis of a Trichoplusia Ni Betabaculovirus (Tngv) With Three Different Viral Enhancing Factors and Two Unique Genes. [Archives of Virology](#), 162(12), 3705-3715.
- 4 Abbott, B. P., Abbott, R., Abbott, T. D. et al. (2017). Multi-Messenger Observations of a Binary Neutron Star Merger. [Astrophysical Journal Letters](#), 848(2), L12.
- 5 Jimenez-Sandoval, P., Vique-Sanchez, J. L., Hidalgo, M. L. et al. (2017). A Competent Catalytic Active Site Is Necessary for Substrate Induced Dimer Assembly in Triosephosphate Isomerase. [Biochimica Et Biophysica Acta-Proteins and Proteomics](#), 1865(11), 1423-1432.
- 6 Yanez, O., Vasquez-Espinal, A., Pino-Rios, R., Ferraro, F., Pan, S., Osorio, E., Merino, G. & Tiznado, W. (2017). Exploiting Electronic Strategies to Stabilize a Planar Tetracoordinate Carbon in Cyclic Aromatic Hydrocarbons. [Chemical Communications](#), 53(89), 12112-12115.
- 7 Rosales, J. H., Ramos, F., Ramos, M. & Cervantes, J. A. (2017). Search for an Appropriate Behavior Within the Emotional Regulation in Virtual Creatures Using a Learning Classifier System. [Computational Intelligence and Neuroscience](#), 2017, 5204083.
- 8 Mendoza-Cruz, R., Romeu, D., Bazan-Diaz, L., Samaniego, J. E., Santiago, U., Ponce, A. & Jose-Yacamán, M. (2017). Evaporation of Gold on NaCl Surfaces as a Way to Control Spatial Distribution of Nanoparticles: Insights on the Shape and Crystallographic Orientation. [Crystal Growth & Design](#), 17(11), 6062-6070.
- 9 Arroyo-Lira, A. G., Rodriguez-Ramos, F., Ortiz, M. I., Castaneda-Hernandez, G. & Chavez-Pina, A. E. (2017). Supra-Additive Interaction of Docosahexaenoic Acid and Naproxen and Gastric Safety on the Formalin Test in Rats. [Drug Development Research](#), 78(7), 332-339.
- 10 Ortiz, M. I., Carino-Cortes, R., Ponce-Monter, H. A., Gonzalez-Garcia, M. P., Castaneda-Hernandez, G. & Salinas-Caballero, M. (2017). Synergistic Interaction of Matricaria Chamomilla Extract With Diclofenac and Indomethacin on Carrageenan-Induced Paw Inflammation in Rats. [Drug Development Research](#), 78(7), 360-367.

- 11 Chavira, F., Ortega-Cisneros, S. & Rivera, J. (2017). A Novel Sliding Mode Control Scheme for a Pmsg-Based Variable Speed Wind Energy Conversion System. [Energies](#), 10(10), 1476.
- 12 Vallejo, C. A. C., Araque, F. Y. V. & Uribe, A. M. (2017). Educational Activities for the Pitch, as a Quality of Sound, in Basic Level Physics Courses, Mediated by Digital Technology. [Ensenanza De Las Ciencias](#), 35(3), 129-150.
- 13 Gamboa-Loira, B., Cebrian, M. E., Salinas-Rodriguez, A. & Lopez-Carrillo, L. (2017). Genetic susceptibility to breast cancer risk associated with inorganic arsenic exposure. [Environmental Toxicology and Pharmacology](#), 56, 106-113.
- 14 Gutierrez-Lara, E. J., Navarrete-Vazquez, G., Sanchez-Lopez, A. & Centurion, D. (2017). Pharmacological Evaluation of Metformin and N-Benzylbiguanide, a Novel Analogue of Metformin, on the Vasopressor Responses to Adrenergic System Stimulation in Pithed Rats With Fructose-Induced Insulin Resistance. [European Journal of Pharmacology](#), 814, 313-323.
- 15 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Measurement of the Triple-Differential Dijet Cross Section in Proton-Proton Collisions at Root S=8 Tev and Constraints on Parton Distribution Functions. [European Physical Journal C](#), 77(11), 746.
- 16 Sirunyan, A. M., Tumasyan, A., Johnson, A. et al. (2017). Search for New Phenomena With the M-T2 Variable in the All-Hadronic Final State Produced in Proton-Proton Collisions at Root S=13tev. [European Physical Journal C](#), 77(10), 710.
- 17 Flores-Maldonado, C., Gonzalez-Robles, A., Salazar-Villatoro, L. et al. (2017). Acanthamoeba (T4) trophozoites cross the MDCK epithelium without cell damage but increase paracellular permeability and transepithelial resistance by modifying tight junction composition. [Experimental Parasitology](#), 183, 69-75.
- 18 Gomez-Arellano, A., Jimenez-Islas, H., Castrejon-Gonzalez, E. O., Medina-Torres, L., Dendooven, L. & Escamilla-Silva, E. M. (2017). Rheological behaviour of sesame (Sesamum indicum L.) protein dispersions. [Food and Bioproducts Processing](#), 106, 201-208.
- 19 Gonzalez-Hernandez, R. J., Jin, K., Hernandez-Chavez, M. J. et al. (2017). Phosphomannosylation and the Functional Analysis of the Extended Candida Albicans Mnn4-Like Gene Family. [Frontiers in Microbiology](#), 8, 2156.
- 20 Duran-Medina, Y., Serwatowska, J., Reyes-Olalde, J. I., De Folter, S. & Marsch-Martinez, N. (2017). The Ap2/Erf Transcription Factor Drnl Modulates Gynoecium Development and Affects Its Response to Cytokinin. [Frontiers in Plant Science](#), 8, 1841.
- 21 Casas-Grajales, S., Vazquez-Flores, L. F., Ramos-Tovar, E. et al. (2017). Quercetin Reverses Experimental Cirrhosis by Immunomodulation of the Proinflammatory and Profibrotic Processes. [Fundamental & Clinical Pharmacology](#), 31(6), 610-624.
- 22 Reyes-Sandoval, E. & Fuentes-Aceituno, J. C. (2017). Maximization of the Silver Recovery With the "Monoethanolamine-Copper-Ammonium Sulfate" Novel System. A Step Towards the Development of a Less Toxic Leaching Technology. [Hydrometallurgy](#), 173, 22-31.

- 23 Arias, S., Rogeli, P., Garay, L., Tovar, B., Gutierrez, J. & Cardiel, E. (2017). A System for Simultaneous Finger Joints Goniometric Measurements Based on Inertial Sensors. [IEEE Latin America Transactions](#), 15(10), 1821-1826.
- 24 Ramos, V. A., Ponomaryov, V., Shkvarko, Y. & Reyes, R. R. (2017). Image Super-Resolution Via Block Extraction and Sparse Representation. [IEEE Latin America Transactions](#), 15(10), 1977-1982.
- 25 Altamirano, A., Vera, A., Munoz, R., Leija, L. & Wolf, D. (2017). Time and Frequency Patterns Identification of Simg Signals Using Hilbert-Huang Transform. [IEEE Latin America Transactions](#), 15(10), 1881-1887.
- 26 Aldana-Bobadilla, E., Lopez-Arevalo, I. & Molina-Villegas, A. (2017). A Novel Data Reduction Method Based on Information Theory and the Eclectic Genetic Algorithm. [Intelligent Data Analysis](#), 21(4), 803-826.
- 27 Gomez-Izquierdo, J. C., Gonzalez-Canales, F. & Mondragon, M. (2017). On Q(6) Flavor Symmetry and the Breaking of Mu \leftrightarrow Tau Symmetry. [International Journal of Modern Physics A](#), 32(28-29), 1750171.
- 28 Trejo Emag, Buendia, A. S. A., Reyes, O. S., Arroyo, F. E. G., Garcia, R. A., Mendoza, M. L. L., Tapia, E., Lozada, L. G. S. & Alonso, H. O. (2017). The Beneficial Effects of Allicin in Chronic Kidney Disease Are Comparable to Losartan. [International Journal of Molecular Sciences](#), 18(9), 1980.
- 29 Dey, R. & Garcia, J. C. M. (2017). Improved Delay-Range-Dependent Stability Analysis for Uncertain Retarded Systems Based on Affine Wirtinger-Inequality. [International Journal of Robust and Nonlinear Control](#), 27(16), 3028-3042.
- 30 Rosales-Bravo, H., Morales-Torres, H. C., Vazquez-Martinez, J., Molina-Torres, J., Olalde-Portugal, V. & Partida-Martinez, L. P. (2017). Novel Consortium of Klebsiella Variicola and Lactobacillus Species Enhances the Functional Potential of Fermented Dairy Products by Increasing the Availability of Branched-Chain Amino Acids and the Amount of Distinctive Volatiles. [Journal of Applied Microbiology](#), 123(5), 1237-1250.
- 31 Boulho, R., Marty, C., Freile-Pelegrin, Y., Robledo, D., Bourgougnon, N. & Bedoux, G. (2017). Antiherpetic (Hsv-1) Activity of Carrageenans From the Red Seaweed Solieria Chordalis (Rhodophyta, Gigartinales) Extracted by Microwave-Assisted Extraction (Mae). [Journal of Applied Phycology](#), 29(5), 2219-2228.
- 32 Pliego-Cortes, H., Caamal-Fuentes, E., Montero-Munoz, J., Freile-Pelegrin, Y. & Robledo, D. (2017). Growth, Biochemical and Antioxidant Content of Rhodymenia Pseudopalmata (Rhodymeniales, Rhodophyta) Cultivated Under Salinity and Irradiance Treatments. [Journal of Applied Phycology](#), 29(5), 2595-2603.

- 33 Chale-Dzul, J., Freile-Pelegrin, Y., Robledo, D. & Moo-Puc, R. (2017). Protective Effect of Fucoidans From Tropical Seaweeds Against Oxidative Stress in Hepg2 Cells. [Journal of Applied Phycology](#), 29(5), 2229-2238.
- 34 Florez-Miranda, L., Canizares-Villanueva, R. O., Melchy-Antonio, O., Martinez-Jeronimo, F. & Flores- Ortiz, C. M. (2017). Two stage heterotrophy/photoinduction culture of *Scenedesmus incrassatulus*: potential for lutein production. [Journal of Biotechnology](#), 262, 67-74.
- 35 Aguilar-Lira, G. Y., Gutierrez-Salgado, J. M., Rojas-Hernandez, A., Rodriguez-Avila, J. A., Paez-Hernandez, M. E. & Alvarez-Romero, G. A. (2017). Artificial Neural Network for the Voltamperometric Quantification of Diclofenac in Presence of Other Nonsteroidal Anti-Inflammatory Drugs and Some Commercial Excipients. [Journal of Electroanalytical Chemistry](#), 801, 527-535.
- 36 Astudillo-Sanchez, P. D., Morales-Martinez, D., Sanchez, A., Rocha-Ortiz, G. & Salas-Reyes, M. (2017). Electrochemical Study of the Interactions Between Anionic Species of Menadione and Alkylated Nucleobases in Dimethylsulfoxide. [Journal of Electroanalytical Chemistry](#), 801, 104-113.
- 37 Rojas-Montes, J. C., Perez-Garibay, R., Uribe-Salas, A. & Bello-Teodoro, S. (2017). Selenium Reaction Mechanism in Manganese Electrodeposition Process. [Journal of Electroanalytical Chemistry](#), 803, 65-71.
- 38 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Measurements of Jet Charge With Dijet Events in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (10), 131.
- 39 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for a Light Pseudoscalar Higgs Boson Produced in Association With Bottom Quarks in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (11), 010.
- 40 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Search for Light Bosons in Decays of the 125 Gev Higgs Boson in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (10), 076.
- 41 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for New Physics in the Monophoton Final State in Proton-Proton Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (10), 073.
- 42 Aab, A., Abreu, P., Aglietta, M. et al. (2017). Calibration of the Logarithmic-Periodic Dipole Antenna (Lpda) Radio Stations at the Pierre Auger Observatory Using an Octocopter. [Journal of Instrumentation](#), 12, T10005.
- 43 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Particle-Flow Reconstruction and Global Event Description With the Cms Detector. [Journal of Instrumentation](#), 12, P10003.

- 44 Gonzalez-Hernandez, I., Salazar, S., Rodriguez-Mata, A. E., Munoz-Palacios, F., Lopez, R. & Lozano, R. (2017). Enhanced Robust Altitude Controller Via Integral Sliding Modes Approach for a Quad-Rotor Aircraft: Simulations and Real-Time Results. [Journal of Intelligent & Robotic Systems](#), 88(2-4), 313-327.
- 45 Lopez-Gutierrez, R., Rodriguez-Mata, A. E., Salazar, S., Gonzalez-Hernandez, I. & Lozano, R. (2017). Robust Quadrotor Control: Attitude and Altitude Real-Time Results. [Journal of Intelligent & Robotic Systems](#), 88(2-4), 299-312.
- 46 Marin-Castro, H. M. & Sosa, V. J. (2017). Vr-Tree: a Novel Tree-Based Approach for Modeling Web Query Interfaces. [Journal of Intelligent Information Systems](#), 49(3), 367-390.
- 47 Cervantes-Vasquez, M., Castillo-Garcia, A. A., Ortiz-Pastrana, N. & Paz-Sandoval, M. A. (2017). Electrophilic and nucleophilic addition reactions of Ir(1-2,5-n-CH₂CHCHSO₂)(PMe₃)₃ with HBF₄, acetonitrile, -CO, pyridine and methanol: Haptotropic behavior of the butadienesulfonyl ligand. [Journal of Organometallic Chemistry](#), 852, 8-19.
- 48 Olguin, J. & Paz-Sandoval, M. A. (2017). Synthesis and transfer hydrogenation catalysis of chelating triazolylidene ruthenium(II) complexes: Effect of the pendant arm, p-cymene, acetonitrile and butadienesulfonyl co-ligands. [Journal of Organometallic Chemistry](#), 848, 309-317.
- 49 Corona-Lopez, M. M., Jimenez-Perez, V. M., Chan-Navarro, R., Ibarra-Rodriguez, M., Rasika-Dias, H. V., Chavez-Reyes, A. & Munoz-Flores, B. M. (2017). Synthesis, characterization, photophysical properties of new fluorescent boron Schiff bases (BOSCHIBAs) and their application as cytoplasm staining dyes in-vitro. [Journal of Organometallic Chemistry](#), 852, 64-73.
- 50 Estrada-Montano, A. S., Reyes-Lopez, O. R., Gonzalez-Lopez, V., Leyva, M. A., Carrasco, A. L., Vela, A. & Rosales-Hoz, M. J. (2017). The Reactions of [(Mu-H)M-3(Co)(9)(Ccsime3)] (M=Fe, Ru) With Thiols: Cleavage of M-M and Formation of M-S Bonds in Isomeric Structures. [Journal of Organometallic Chemistry](#), 849-850, 31-37.
- 51 Fisher, A. T., Lopez-Carrillo, L., Gamboa-Loira, B. & Cebrian, M. E. (2017). Standards for Arsenic in Drinking Water: Implications for Policy in Mexico. [Journal of Public Health Policy](#), 38(4), 395-406.
- 52 Ortega-Guerrero, B., Lozano-Garcia, S., Herrera-Hernandez, D., Caballero, M., Beramendi-Orosco, L., Bernal, J. P., Torres-Rodriguez, E. & Avendano-Villeda, D. (2017). Lithostratigraphy and Physical Properties of Lacustrine Sediments of the Last Ca. 150 Kyr From Chalco Basin, Central Mexico. [Journal of South American Earth Sciences](#), 79, 507-524.
- 53 Lopez, O., Ortega-Lopez, M., Jimenez, S., Vivaldo, I., Perez-Luna, J. G. & Juarez-Diaz, G. (2017). Synthesis of Indium Selenide (In₂Se₃) by Prior Mechanical Pulverization and Mechanical Alloying for Thermoelectric Applications. [Materials Research Express](#), 4(3), 035004.

- 54 Castillo-Ojeda, R. S., Diaz-Reyes, J., Arellano, M. G., Peralta-Clara, M. D. & Veloz-Rendon, J. S. (2017). Growth and Characterization of AlxGa1-Xas Obtained by Metallic-Arsenic-Based-Mocvd. [Materials Research-Ibero-American Journal of Materials](#), 20(5), 1166-1173.
- 55 Castillo-Ojeda, R. S., Diaz-Reyes, J., Galvan-Arellano, M., De Anda-Salazar, F., Contreras-Rascon, J. I., Peralta-Clara, M. D. & Veloz-Rendon, J. S. (2017). Structural Characterization of ZnTe Grown by Atomic-Layer-Deposition Regime on Gaas and Gasb (100) Oriented Substrates. [Materials Research-Ibero-American Journal of Materials](#), 20(5), 1179-1184.
- 56 Esparza, R., Santovena, A., Ruiz-Baltazar, A., Angeles-Pascual, A., Bahena, D., Maya-Cornejo, J., Ledesma-Garcia, J. & Perez, R. (2017). Study of Ptpd Bimetallic Nanoparticles for Fuel Cell Applications. [Materials Research-Ibero-American Journal of Materials](#), 20(5), 1193-1200.
- 57 Ramirez-Rico, G., Martinez-Castillo, M., Gonzalez-Ruiz, C., Luna-Castro, S. & De la Garza, M. (2017). Mannheimia haemolytica A2 secretes different proteases into the culture medium and in outer membrane vesicles. [Microbial Pathogenesis](#), 113, 276-281.
- 58 Arellano-Pina, R., Delgadillo, J. A. & Perez-Garibay, R. (2017). Effect of Gas Superficial Velocity (Jg) and Frother/Collector (Mibc/X-343) Reagent Dosage on Froth Horizontal Displacement and Galena Drainage. [Minerals Engineering](#), 114, 8-16.
- 59 Puente-Rivera, J., Villalpando, J. L., Villalobos-Osnaya, A. et al. (2017). The 50 Kda Metalloproteinase Tvmp50 Is a Zinc-Mediated Trichomonas Vaginalis Virulence Factor. [Molecular and Biochemical Parasitology](#), 217, 32-41.
- 60 Guzman-Zavaleta, Z. J., Feregrino-Urbe, C., Morales-Sandoval, M. & Menendez-Ortiz, A. (2017). A Robust and Low-Cost Video Fingerprint Extraction Method for Copy Detection. [Multimedia Tools and Applications](#), 76(22), 24143-24163.
- 61 De La Fraga, L. G., Torres-Perez, E., Tlelo-Cuautle, E. & Mancillas-Lopez, C. (2017). Hardware Implementation of Pseudo-Random Number Generators Based on Chaotic Maps. [Nonlinear Dynamics](#), 90(3), 1661-1670.
- 62 Hernandez-Gutierrez, C. A., Kudriavtsev, Y., Cardona, D., Guillen-Cervantes, A., Santana-Rodriguez, G., Escobosa, A., Hernandez-Hernandez, L. A. & Lopez-Lopez, M. (2017). InxGa1-xN nucleation by In+ ion implantation into GaN. [Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions With Materials and Atoms](#), 413, 62-67.
- 63 Baruch-Torres, N. & Briebe, L. G. (2017). Plant Organellar Dna Polymerases Are Replicative and Translesion Dna Synthesis Polymerases. [Nucleic Acids Research](#), 45(18), 10751-10763.
- 64 Peralta-Castro, A., Baruch-Torres, N. & Briebe, L. G. (2017). Plant Organellar Dna Primase-Helicase Synthesizes Rna Primers for Organellar Dna Polymerases Using a Unique Recognition Sequence. [Nucleic Acids Research](#), 45(18), 10764-10774.
- 65 Hernandez-Mainet, L. C., Aguilar, M. A., Tamargo, M. C. & Falcony, C. (2017). Design and Engineering of Izo/Ag/Glass Solar Filters for Low-Emissivity Window Performance. [Optical Engineering](#), 56(10), 105103.

- 66 Lopez-Contreras, L., Hernandez-Ramirez, V. I., Herrera-Martinez, M., Montano, S., Constantino-Jonapa, L. A., Chavez-Munguia, B. & Talamas-Rohana, P. (2017). Structural and Functional Characterization of the Divergent Entamoeba Src Using Src Inhibitor-1. [Parasites & Vectors](#), 10, 500.
- 67 Gutierrez, R. M. P. & Hoyo-Vadillo, C. (2017). Anti-Inflammatory Potential of Petiveria Alliacea on Activated Raw264.7 Murine Macrophages. [Pharmacognosy Magazine](#), 13(50), S174-S178.
- 68 Guzman-Olguin, J. C., Montes, E., Guzman-Mendoza, J., Baez-Rodriguez, A., Zamora-Peredo, L., Garcia-Hipolito, M., Alvarez-Fregoso, O., Martinez-Merlin, I. & Falcony, C. (2017). Tunable White Light Emission From Hafnium Oxide Films Co-Doped With Trivalent Terbium and Europium Ions Deposited by Pyrosol Technique. [Physica Status Solidi A-Applications and Materials Science](#), 214(10), 1700269.
- 69 Kim, C. S., Castro, G. L. & Sahoo, D. (2017). Discovering Intermediate Mass Sterile Neutrinos Through $\tau \rightarrow \pi \mu e \nu$ Decay. [Physical Review D](#), 96(7), 075016.
- 70 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Measurement of the Differential Cross Sections for the Associated Production of a W Boson and Jets in Proton-Proton Collisions at Root S=13 Tev. [Physical Review D](#), 96(7), 072005.
- 71 Reyes-Ramirez, I., Gonzalez-Ayala, J., Hernandez, A. C. & Santillan, M. (2017). Local-Stability Analysis of a Low-Dissipation Heat Engine Working at Maximum Power Output. [Physical Review E](#), 96(4), 042128.
- 72 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for Charged Higgs Bosons Produced Via Vector Boson Fusion and Decaying Into a Pair of W and Z Bosons Using Pp Collisions at Root S=13 Tev. [Physical Review Letters](#), 119(14), 141802.
- 73 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2017). Centrality Dependence of the Pseudorapidity Density Distribution for Charged Particles in Pb-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 772, 567-577.
- 74 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Coherent J/Psi Photoproduction in Ultra-Peripheral Pbpb Collisions at Root S(Nn)=2.76 Tev With the Cms Experiment. [Physics Letters B](#), 772, 489-511.
- 75 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Cross Section Measurement of T-Channel Single Top Quark Production in Pp Collisions at Root S=13 Tev. [Physics Letters B](#), 772, 752-776.
- 76 Acharya, S., Adamova, D., Adolfsson, J. et al. (2017). Linear and Non-Linear Flow Mode in Pb-Pb Collisions at Root Snn=2.76 Tev. [Physics Letters B](#), 773, 68-80.
- 77 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Measurements of the Charm Jet Cross Section and Nuclear Modification Factor in Ppb Collisions at Root Snn=5.02tev. [Physics Letters B](#), 772, 306-329.

- 78 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for High-Mass Z Gamma Resonances in Proton-Proton Collisions at Root S=8 and 13 Tev Using Jet Substructure Techniques. [Physics Letters B](#), 772, 363-387.
- 79 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Search for Leptophobic Z' Bosons Decaying Into Four-Lepton Final States in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 773, 563-584.
- 80 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for Single Production of Vector-Like Quarks Decaying Into a B Quark and a W Boson in Proton-Proton Collisions at Root S=13 Tev. [Physics Letters B](#), 772, 634-656.
- 81 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for Standard Model Production of Four Top Quarks in Proton-Proton Collisions at Root S=13tev. [Physics Letters B](#), 772, 336-358.
- 82 Ramirez-Flores, M. R., Rellan-Alvarez, R., Wozniak, B., Gebreselassie, M. N., Jakobsen, I., Olalde-Portugal, V., Baxter, I., Paszkowski, U. & Sawers, R. J. H. (2017). Co-Ordinated Changes in the Accumulation of Metal Ions in Maize (Zea Mays Ssp Mays L.) In Response to Inoculation With the Arbuscular Mycorrhizal Fungus Funneliformis Mosseae. [Plant and Cell Physiology](#), 58(10), 1689-1699.
- 83 Mostovoy, J., Perez-Izquierdo, J. M. & Shestakov, I. P. (2017). A Non-Associative Baker-Campbell-Hausdorff Formula. [Proceedings of the American Mathematical Society](#), 145(12), 5109-5122.
- 84 Camargo, L., Trujillo-Vazquez, E., Pech-Canul, M. I. & Marcazzo, J. (2017). OSL dosimetric properties of synthetic topaz. [Radiation Measurements](#), 107, 23-26.
- 85 Hernandez, N. V., Lopez-Ramirez, L. A., Diaz-Jimenez, D. F., Mellado-Mojica, E., Martinez-Duncker, I., Lopez, M. G. & Mora-Montes, H. M. (2017). Saccharomyces Cerevisiae Ktr4, Ktr5 and Ktr7 Encode Mannosyltransferases Differentially Involved in the N- and O-Linked Glycosylation Pathways. [Research in Microbiology](#), 168(8), 740-750.
- 86 Garcia-Martinez, A., Gamboa-Loira, B., Tejero, M. E., Sierra-Santoyo, A., Cebrian, M. E. & Lopez-Carrillo, L. (2017). Cyp1a1, Cyp1b1, Gstm1 and Gstm1 Genetic Variants and Breast Cancer Risk in Mexican Women. [Salud Publica De Mexico](#), 59(5), 540-547.
- 87 Jimenez-Badillo, S. E., Oviedo, N., Hernandez-Guzman, C., Gonzalez-Mariscal, L. & Hernandez-Sanchez, J. (2017). Catsper1 Promoter Is Bidirectional and Regulates the Expression of a Novel Lncrna. [Scientific Reports](#), 7, 13351.
- 88 Dominguez-Sanchez, S., Reyes-Barranca, M. A., Mendoza-Acevedo, S. & Flores-Nava, L. M. (2017). Analysis and measurement of a photo diode used as a control gate in a floating-gate MOS transistor. [Sensors and Actuators A-Physical](#), 267, 210-234.

- 89 Sanchez-Flores, N. A., Olguin, M. T., Solache-Rios, M., Giron, P., Bartolo-Perez, P., Pacheco-Malagon, G. & Bulbulian, S. (2017). Behavior of Ni(II) and Mn(II) in Single and Binary Aqueous Solutions in the Adsorption Process by Rice Hull Ashes (Rha). [Separation Science and Technology](#), 52(15), 2407-2414.
- 90 Becerra-Martinez, E., Ayala-Mata, F., Velazquez-Ponce, P., Medina, M. E., Jimenez-Vazquez, H. A., Joseph-Nathan, P. & Zepeda, L. G. (2017). Nucleophilic additions on acetyldioxanes derived from (GÜã)-(1R)-myrtenal used as chiral auxiliaries: substituent effects on the stereochemical outcome: Howard D Flack Memorial Issue. [Tetrahedron: Asymmetry](#), 28(10), 1350-1358.
- 91 Jayaraman, V. K., Alvarez, A. M., Bizarro, M., Koudriavtsev, Y. & Amador, M. D. O. (2017). Effect of Precursor Type and Doping Concentration on the Physical Properties of Ultrasonically Sprayed Aluminium and Indium Co-Doped Zinc Oxide Thin Films. [Thin Solid Films](#), 642, 14-19.
- 92 Vidal-Martinez, V. M., Soler-Jimenez, L. C., Aguirre-Macedo, M. L. et al. (2017). Monogenea of Fishes From the Lagoon Flats of Palmyra Atoll in the Central Pacific. [Zookeys](#), (713), 1-23.

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

- 93 Rodriguez-Aguayo, C., Monroig, P. D., Redis, R. S. et al. (2017). Regulation of Hnrnpa1 by Micrnas Controls the Mir-18a-K-Ras Axis in Chemotherapy-Resistant Ovarian Cancer. [Cell Discovery](#), 3, 17029.
- 94 Lepe-Soltero, D., Armenta-Medina, A., Xiang, D., Datla, R., Gillmor, C. S. & Abreu-Goodger, C. (2017). Annotating and quantifying pri-miRNA transcripts using RNA-Seq data of wild type and serrate-1 globular stage embryos of Arabidopsis thaliana. [Data in Brief](#), 15, 642-647.
- 95 Oviedo-Solis, C. I., Sandoval-Salazar, C., Lozoya-Gloria, E., Maldonado-Aguilera, G. A., Aguilar-Zavala, H., Beltran-Campos, V., Perez-Vazquez, V. & Ramirez-Emiliano, J. (2017). Ultraviolet Light-C Increases Antioxidant Capacity of the Strawberry (Fragaria X Ananassa) in Vitro and in High-Fat Diet-Induced Obese Rats. [Food Science & Nutrition](#), 5(5), 1004-1014.
- 96 Mendez-Dominguez, N., Achach-Medina, K., Morales-Gual, Y. M. & Gomez-Carro, S. (2017). Dengue With Unusual Clinical Features in an Infant. Case Report. [Revista Chilena De Pediatria-Chile](#), 88(2), 275-278.
- 97 Baez-Perez, E., Quinones-Galvez, J., Santiesteban-Toca, C. & Molina-Torres, J. (2017). Sistema de analisis de imagenes de placas de Hptlc. [Revista Cubana De Ciencias Informaticas](#), 11(3), 92-104.
- 98 Falcon, V., Acosta-Rivero, N., Gonzalez, S. et al. (2017). Clustered Distribution of Virus Infected Cells in the Liver of Patients With Chronic Hepatitis C. [Revista Cubana De Medicina Tropical](#), 69(1), 1-12.

- 99 Jimenez-Rodriguez, E., Sanchez-Torres, J. D. & Loukianov, A. G. (2017). Optimal Predefined-Time Stabilization for a Class of Linear Systems. [Revista De Ingenieria Electronica, Automatica y Comunicaciones](#), 38, 90-101.
- 100 De Leon, J. M. (2017). Dynamical Lattice Distortions in High-Tc Cuprate Superconductors. [Springer Series in Materials Science](#), 255, 213-220.

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

- 101 Perez-Venegas, M., Reyes-Rangel, G., Neri, A., Escalante, J. & Juaristi, E. (2017). Mechanochemical Enzymatic Resolution of N-Benzylated-Beta(3)-Amino Esters (Vol 13, Pg 1728, 2017). [Beilstein Journal of Organic Chemistry](#), 13, 2128-2130.
- 102 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). 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 3, 061, 2017). [Journal of High Energy Physics](#), (9), 106.
- 103 Mendez-Dominguez, N. & Azcorra-Perez, H. (2017). Obesity Among School Aged Children and Waist-to-Height Index. [Revista Chilena De Pediatria-Chile](#), 88(1), 188-189.
- 104 Camacho-Carranza, R. & Calderon-Salinas, J. V. (2017). La distancia sana entre ciencia y politica. [Revista De Educacion Bioquimica](#), 36(1), 1.
- 105 Velarde-Felix, J. S. & Osuna-Ramos, J. F. (2017). Response to Joob and Wiwanitkit Re: "Genetic Polymorphisms of Tumor Necrosis Factor Alpha and Susceptibility to Dengue Virus Infection in a Mexican Population". [Viral Immunology](#), 30(9), 679.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

- 106 Janssen-Aguilar, R., Gomez-Carro, S., Novelo-Alcocer, V., Serna-Lorenzo, M., Pacheco-Tucuch, F., Inurreta-Diaz, M. & Mendez-Dominguez, N. (2017). Chikungunya Fever in Clinically Diagnosed Patients: Comparative Study Between Laboratory Confirmed Versus Negative Cases During the 2015 Outbreak in Yucatan, Mexico. [American Journal of Tropical Medicine and Hygiene](#), 95(5), 420.
- 107 Medeiros, M., Aminkeng, F., Jimenez-Triana, C. et al. (2017). Pharmacogenomic Prediction of Cisplatin-Induced Nephrotoxicity in Patients Treated for Childhood Cancer. [Journal of Pharmacological and Toxicological Methods](#), 88, Part 2, 173-174.
- 108 Guzman, R., Castaneda, G., Medeiros, M., Garcia, P. & Alvarez, C. (2017). Prevalence of Gastrointestinal Symptoms in Renal Transplant Children Receiving Mofetil Mycophenolate. [Journal of Pharmacological and Toxicological Methods](#), 88, Part 2, 171-172.

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

109 Manzanares-Meza, L. D., Gutierrez-Roman, C. I. & Medina-Contreras, O. (2017). Maldi Imaging: Beyond Classic Diagnosis. [Boletin Medico Del Hospital Infantil De Mexico](#), 74(3), 212-218.

110 Stone, V., Miller, M. R., Clift, M. J. D. et al. (2017). Nanomaterials Versus Ambient Ultrafine Particles: an Opportunity to Exchange Toxicology Knowledge. [Environmental Health Perspectives](#), 125(10), 106002.

Última actualización: Noviembre 30, 2017. 2:29 p.m.