

ARTÍCULOS DEL MES DE JUNIO DE 2018

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

- 1 Torres-Garcia, J. R., Tafoya-Razo, J. A., Velazquez-Marquez, S. & Tiessen, A. (2018). Double Herbicide-Resistant Biotypes of Wild Oat (*Avena Fatua*) Display Characteristic Metabolic Fingerprints Before and After Applying Accase- and Als-Inhibitors. [Acta Physiologiae Plantarum](#), 40(6), 119.
- 2 Ortega-Pierres, M. G., Jex, A. R., Ansell, B. R. E. & Svard, S. G. (2018). Recent advances in the genomic and molecular biology of *Giardia*. [Acta Tropica](#), 184, 67-72.
- 3 Campos, S. E., Avelar-Rivas, J. A., Garay, E., Juarez-Reyes, A. & Deluna, A. (2018). Genomewide Mechanisms of Chronological Longevity by Dietary Restriction in Budding Yeast. [Aging Cell](#), 17(3), e12749.
- 4 Ku-Vera, J. C., Valencia-Salazar, S. S., Pineiro-Vazquez, A. T. et al. (2018). Determination of methane yield in cattle fed tropical grasses as measured in open-circuit respiration chambers: Greenhouse gas and ammonia emissions from livestock production. [Agricultural and Forest Meteorology](#), 258, 3-7.
- 5 Mak, A. C. Y., White, M. J., Eckalbar, W. L. et al. (2018). Whole-Genome Sequencing of Pharmacogenetic Drug Response in Racially Diverse Children With Asthma. [American Journal of Respiratory and Critical Care Medicine](#), 197(12), 1552-1564.
- 6 Mejia, A. E. M., Pech-Canul, M. I., Hernandez, M. B., Garcia-Villarreal, S., Rodriguez, C. G. & Aguilar-Martinez, J. (2018). Grain Refinement and Non-Ohmic Properties in (Co, Ta)-Doped SnO₂ Ceramics by Cr₂O₃ Additions and the in Situ Formation of CoCr₂O₄. [Applied Physics a-Materials Science & Processing](#), 124(7), 474.
- 7 Colli-Dula, R. C., Fang, X., Moraga-Amador, D., Albornoz-Abud, N., Zamora-Bustillos, R., Conesa, A., Zapata-Perez, O., Moreno, D. & Hernandez-Nunez, E. (2018). Transcriptome analysis reveals novel insights into the response of low-dose benzo(a)pyrene exposure in male tilapia. [Aquatic Toxicology](#), 201, 162-173.
- 8 Fierro-Santillan, C. R., Zsargo, J., Klapp, J., Diaz-Azuara, S. A., Arrieta, A., Arias, L. & Sigalotti, L. D. (2018). Fitspec: a New Algorithm for the Automated Fit of Synthetic Stellar Spectra for Ob Stars. [Astrophysical Journal Supplement Series](#), 236(2), 38.
- 9 Castillo-Arellano, J. I., Guzman-Gutierrez, S. L., Ibarra-Sanchez, A., Hernandez-Ortega, S., Nieto-Camacho, A., Medina-Campos, O. N., Pedraza-Chaverri, J., Reyes-Chilpa, R. & Gonzalez-Espinosa, C. (2018). Jacareubin inhibits Fc epsilon RI-induced extracellular calcium entry and production of reactive oxygen species required for anaphylactic degranulation of mast cells. [Biochemical Pharmacology](#), 154, 344-356.

10 Estrada-Figueroa, L. A., Diaz-Gandarilla, J. A., Hernandez-Ramirez, V. I., Arrieta-Gonzalez, M. M., Osorio-Trujillo, C., Rosales-Encina, J. L., Toledo-Leyva, A. & Talamas-Rohana, P. (2018). Leishmania mexicana gp63 is the enzyme responsible for cyclooxygenase (COX) activity in this parasitic protozoa. [Biochimie](#), 151, 73-84.

11 Garcia, G., Martinez-Rojas, V. A., Oviedo, N. & Murbartian, J. (2018). Blockade of anoctamin-1 in injured and uninjured nerves reduces neuropathic pain. [Brain Research](#), 1696, 38-48.

12 Puch-Hau, C., Quintanilla-Mena, M., Rubio-Pina, J., Del Rio-Garcia, M. & Zapata-Perez, O. (2018). Partial Mrna Sequences of the Biomarkers Cyp1a, Gst, Cat, Gr, Sod, Gpx, Vtg and P53 in Flatfish Syacium Gunteri From Gulf of Mexico. [Bulletin of Environmental Contamination and Toxicology](#), 100(6), 798-802.

13 Blas-Sevillano, R. H., Veramendi, T., La Torre, B., Velezmoro-Sanchez, C. E., Oliva, A. I., Mena-Martinez, M. E., Herrera-Kao, W. A., Uribe-Calderon, J. & Cervantes-Uc, J. M. (2018). Physicochemical characterization of several types of naturally colored cotton fibers from Peru. [Carbohydrate Polymers](#), 197, 246-252.

14 Ramos-Guerra, A. I., Martinez-Merlin, I. & Falcony, C. (2018). The role of the stabilizing agent on the structural and luminescent properties of hydrothermally synthesized ZrO₂:Tb³⁺-phosphors. [Ceramics International](#), 44(12), 13744-13749.

15 Morales-Martinez, D. & Gonzalez, F. J. (2018). Hydrogen Bonding Effects on the Reversible Reorganization of Organic Films Electrografted on Glassy Carbon Electrodes. [Chemelectrochem](#), 5(11), 1491-1500.

16 Balderas, U., Carmona, S., Mariscal, L., Martinez, I. & Falcony, C. (2018). Tunable excitation in Eu³⁺ based hybrid layered nanophosphors through aggregate formation. [Chemical Physics](#), 511, 1-6.

17 Ravell, E., Jalife, S., Barroso, J., Orozco-Ic, M., Hernandez-Juarez, G., Ortiz-Chi, F., Pan, S., Cabellos, J. L. & Merino, G. (2018). Structure and Bonding in Ce⁵⁻ (E=Al-Tl) Clusters: Planar Tetracoordinate Carbon Versus Pentacoordinate Carbon. [Chemistry-an Asian Journal](#), 13(11), 1467-1473.

18 Sanchez-Garcia, G., Del Bosque-Plata, L. & Hong, E. (2018). Postnatal Overnutrition Affects Metabolic and Vascular Function Reflected by Physiological and Histological Changes in the Aorta of Adult Wistar Rats. [Clinical and Experimental Hypertension](#), 40(5), 452-460.

19 Rios-Ramirez, M., Reyes-Figueroa, A. D., Ruiz-Suarez, J. C. & Gonzalez-Gutierrez, J. (2018). Pattern formation of stains from dried drops to identify spermatozoa motility. [Colloids and Surfaces B-Biointerfaces](#), 169, 486-493.

20 Cabrera-Luna, K., Maldonado-Bandala, E. E., Nieves-Mendoza, D. & Escalante Garcia, J. I. (2018). Supersulfated binders based on volcanic raw material: Optimization, microstructure and reaction products. [Construction and Building Materials](#), 176, 145-155.

- 21 Oliva-Palomo, F., Sanchez-Orta, A., Castillo, P. & Alazki, H. (2018). Nonlinear ellipsoid based attitude control for aggressive trajectories in a quadrotor: Closed-loop multi-flips implementation. [Control Engineering Practice](#), 77, 150-161.
- 22 Ortega, R., Chavoya, A., Lopez-Martin, C. & Delaye, L. (2018). Sareli: Sequence Alignment by Radial Evaluation of Local Interactions. [Current Bioinformatics](#), 13(3), 290-298.
- 23 Castro-Ramirez, R., Ortiz-Pastrana, N., Caballero, A. B. et al. (2018). Dna Interactions of Non-Chelating Tinidazole-Based Coordination Compounds and Their Structural, Redox and Cytotoxic Properties. [Dalton Transactions](#), 47(22), 7551-7560.
- 24 Vargas, U., Lazaroiu, G. C. & Ramirez, A. (2018). Experimental validation of a hybrid TD/FEHD model of a wind turbine generator for harmonic transient analysis. [Electric Power Systems Research](#), 163, Part A, 49-58.
- 25 Ayon, J. J., Barocio, E., Cabrera, I. R. & Betancourt, R. (2018). Identification of Coherent Areas Using a Power Spectral Density Algorithm. [Electrical Engineering](#), 100(2), 1009-1019.
- 26 Aburto-Oropeza, O., Johnson, A. F., Agha, M. et al. (2018). Harnessing cross-border resources to confront climate change. [Environmental Science & Policy](#), 87, 128-132.
- 27 Abramowicz, H., Abt, I., Adamczyk, L. et al. (2018). Combination and Qcd Analysis of Charm and Beauty Production Cross-Section Measurements in Deep Inelastic Ep Scattering at Hera. [European Physical Journal C](#), 78(6), 473.
- 28 Sirunyan, A. M., Collaboration, C., Tumasyan, A. et al. (2018). Measurement of B Hadron Lifetimes in Pp Collisions at Root S=8tev. [European Physical Journal C](#), 78(6), 457.
- 29 Acharya, S., Acosta, F. T., Adamova, D. et al. (2018). Prompt and Non-Prompt J/Psi Production and Nuclear Modification at Mid-Rapidity in P-Pb Collisions at Root S(Nn)=5.02 Tev. [European Physical Journal C](#), 78(6), 466.
- 30 Raya, K., Gutierrez, L. X. & Bashir, A. (2018). Structure of the Orbital Excited N* From the Schwinger-Dyson Equations. [Few-Body Systems](#), 59(5), 89.
- 31 Aguilar-Vazquez, G., Loarca-Pina, G., Figueroa-Cardenas, J. D. & Mendoza, S. (2018). Electrospun fibers from blends of pea (*Pisum sativum*) protein and pullulan. [Food Hydrocolloids](#), 83, 173-181.
- 32 Campillo-Navarro, M., Leyva-Paredes, K., Donis-Maturano, L. et al. (2018). Mycobacterium Tuberculosis Catalase Inhibits the Formation of Mast Cell Extracellular Traps. [Frontiers in Immunology](#), 9, 1161.
- 33 Perez-Roman, I. & Breton, N. (2018). The Region Interior to the Event Horizon of the Regular Hayward Black Hole. [General Relativity and Gravitation](#), 50(6), 64.
- 34 Vasquez-Toledo, L. A. & Lara-Rodriguez, D. (2018). Teletraffic Analysis of Ofdma Cellular Systems With Persistent Voip Users and Maximum Sir Scheduling Based on Order Statistics. [Ieee Access](#), 6, 25517-25531.

- 35 Rao, M. G. S., Meraz-Davila, S., Quevedo-Lopez, M. A. & Ramirez-Bon, R. (2018). Complete Solution-Processed Low-Voltage Hybrid Cds Thin-Film Transistors With Polyvinyl Phenol as a Gate Dielectric. [IEEE Electron Device Letters](#), 39(5), 703-706.
- 36 Avila-George, H., Torres-Jimenez, J. & Izquierdo-Marquez, I. (2018). Improved Pairwise Test Suites for Non-Prime-Power Orders. [Iet Software](#), 12(3), 215-224.
- 37 Gonzalez-Castro, R., Galindo, G. A., Salcedo, Y. G., Campero, L. U., Perez, V. V., Carrillo-Tripp, M., Gevorkian, G. & Lim, M. A. G. (2018). Plant-Based Chimeric Hpv-Virus-Like Particles Bearing Amyloid-Beta Epitopes Elicit Antibodies Able to Recognize Amyloid Plaques in App-Tg Mouse and Alzheimer's Disease Brains. [Inflammopharmacology](#), 26(3), 817-827.
- 38 Izquierdo-Marquez, I., Torres-Jimenez, J., Acevedo-Juarez, B. & Avila-George, H. (2018). A greedy-metaheuristic 3-stage approach to construct covering arrays. [Information Sciences](#), 460-461, 172-189.
- 39 Ortega-Pierres, G., Arguello-Garcia, R., Laredo-Cisneros, M. S. et al. (2018). Giardipain-1, a protease secreted by Giardia duodenalis trophozoites, causes junctional, barrier and apoptotic damage in epithelial cell monolayers. [International Journal for Parasitology](#), 48(8), 621-639.
- 40 Gonzalez-Compean, J. L., Sosa-Sosa, V. J., Diaz-Perez, A., Carretero, J. & Marcelin-Jimenez, R. (2018). Fedids: a Federated Cloud Storage Architecture and Satellite Image Delivery Service for Building Dependable Geospatial Platforms. [International Journal of Digital Earth](#), 11(7), 730-751.
- 41 Treesatayapun, C. (2018). Estimated Plant's Sensitivity Based on Data-Driving Observer for a Class of Nonlinear Discrete-Time Control Systems. [International Journal of Machine Learning and Cybernetics](#), 9(6), 947-957.
- 42 Djilali, L., Sanchez, E. N. & Belkheiri, M. (2018). Real-Time Implementation of Sliding-Mode Field-Oriented Control for a Dfig-Based Wind Turbine. [International Transactions on Electrical Energy Systems](#), 28(5), e2359.
- 43 Rodriguez-Monterrosas, C., Diaz-Aragon, R., Cortes-Reynosa, P. & Salazar, E. P. (2018). Linoleic Acid Induces an Increased Response to Insulin in Mda-Mb-231 Breast Cancer Cells. [Journal of Cellular Biochemistry](#), 119(7), 5413-5425.
- 44 Cordero-Martinez, J., Reyes-Miguel, T., Rodriguez-Paez, L., Garduno-Siciliano, L., Maldonado-Garcia, D., Roa-Espitia, A. L. & Hernandez-Gonzalez, E. O. (2018). Tmem16a Inhibition Impedes Capacitance and Acquisition of Hyperactivated Motility in Guinea Pig Sperm. [Journal of Cellular Biochemistry](#), 119(7), 5944-5959.
- 45 Garcia-Tejeda, Y. V., Salinas-Moreno, Y., Barrera-Figueroa, V. & Martinez-Bustos, F. (2018). Preparation and Characterization of Octenyl Succinylated Normal and Waxy Starches of Maize as Encapsulating Agents for Anthocyanins by Spray-Drying. [Journal of Food Science and Technology-Mysore](#), 55(6), 2279-2287.

46 Haanes, K. A., Labastida-Ramirez, A., Chan, K. Y. et al. (2018). Characterization of the Trigeminovascular Actions of Several Adenosine a(2a) Receptor Antagonists in an in Vivo Rat Model of Migraine. [Journal of Headache and Pain](#), 19, 41.

47 Gonzalez-Hernandez, A., Lozano-Cuenca, J., Marichal-Cancino, B. A., Maassenvandenbrink, A. & Villalon, C. M. (2018). Dihydroergotamine Inhibits the Vasodepressor Sensory Cgrpergic Outflow by Prejunctional Activation of Alpha(2)-Adrenoceptors and 5-Ht1 Receptors. [Journal of Headache and Pain](#), 19, 40.

48 Picek, S., Coello, C. A. C., Jakobovic, D. & Mentens, N. (2018). Finding Short and Implementation-Friendly Addition Chains With Evolutionary Algorithms. [Journal of Heuristics](#), 24(3), 457-481.

49 Acharya, S., Acosta, F. T., Adamova, D. et al. (2018). Energy Dependence and Fluctuations of Anisotropic Fow in Pb-Pb Collisions at Root S(Nn)=5:02 and 2:76 Tev. [Journal of High Energy Physics](#), (7), 103.

50 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Jet Properties in Pbbp and Pp Collisions at Root S-Nn=5.02 Tev. [Journal of High Energy Physics](#), (5), 006.

51 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Measurements of Differential Cross Sections of Top Quark Pair Production as a Function of Kinematic Event Variables in Proton-Proton Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (6), 002.

52 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for a Heavy Resonance Decaying to a Pair of Vector Bosons in the Lepton Plus Merged Jet Final State Root S=13 Tev. [Journal of High Energy Physics](#), (5), 88.

53 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for a Heavy Right-Handed W Boson and a Heavy Neutrino in Events With Two Same-Flavor Leptons and Two Jets Root S at=13 Tev. [Journal of High Energy Physics](#), (5), 148.

54 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Dark Matter in Events With Energetic, Hadronically Decaying Top Quarks and Missing Transverse Momentum at Root S=13 Tev. [Journal of High Energy Physics](#), (6), 027.

55 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at root s = 13 TeV. [Journal of High Energy Physics](#), (5), 127.

56 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for high-mass resonances in dilepton final states in proton-proton collisions at roor s = 13 TeV. [Journal of High Energy Physics](#), (6), 120.

57 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Lepton Flavour Violating Decays of the Higgs Boson to Mu Tau and E Tau in Proton-Proton Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (6), 001.

- 58 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Lepton-Flavor Violating Decays of Heavy Resonances and Quantum Black Holes to $E \mu$ Final States in Proton-Proton Collisions at Root $S=13$ TeV. [Journal of High Energy Physics](#), (4), 073.
- 59 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Natural and Split Supersymmetry in Proton-Proton Collisions at Root $S=13$ TeV in Final States With Jets and Missing Transverse Momentum. [Journal of High Energy Physics](#), (5), 025.
- 60 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Single Production of Vector-Like Quarks Decaying to a B Quark and a Higgs Boson. [Journal of High Energy Physics](#), (6), 031.
- 61 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at root $s = 13$ TeV. [Journal of High Energy Physics](#), (6), 102.
- 62 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for $t\bar{t} \rightarrow H$ production in the all-jet final state in proton-proton collisions at root $s = 13$ TeV. [Journal of High Energy Physics](#), (6), 101.
- 63 Aguilar-Ibanez, C., Suarez-Castanon, M. S., Mendoza-Mendoza, J., Rubio, J. D. & Martinez-Garcia, J. C. (2018). Output-Feedback Stabilization of the Pvtol Aircraft System Based on an Exact Differentiator. [Journal of Intelligent & Robotic Systems](#), 90(3-4), 443-454.
- 64 Diaz, B. & Montesinos, M. (2018). Geometric Lagrangian Approach to the Physical Degree of Freedom Count in Field Theory. [Journal of Mathematical Physics](#), 59(5), 052901.
- 65 Linares, N. C., Fernandez, F., Loske, A. M. & Gomez-Lim, M. A. (2018). Enhanced Delignification of Lignocellulosic Biomass by Recombinant Fungus *Phanerochaete chrysosporium* Overexpressing Laccases and Peroxidases. [Journal of Molecular Microbiology and Biotechnology](#), 28(1), 1-13.
- 66 Hernandez-Flores, H., Pariona, N., Herrera-Trejo, M., Hdz-Garcia, H. M. & Mtz-Enriquez, A. I. (2018). Concrete/maghemite nanocomposites as novel adsorbents for arsenic removal. [Journal of Molecular Structure](#), 1171, 9-16.
- 67 Chamorro-Solano, S., Moyotl, A. & Perez, M. A. (2018). Lepton Flavor Changing Higgs Boson Decays in a Two Higgs Doublet Model With a Fourth Generation of Fermions. [Journal of Physics G-Nuclear and Particle Physics](#), 45(7), 075003.
- 68 Ruiz-Preciado, M. A., Caballero, A. A. F., Robledo, A. M. & Morales-Acevedo, A. (2018). Nanostructured Nitro3 as a Catalytic Material for Methanol Electrochemical Oxidation in Alkaline Conditions. [Journal of the Electrochemical Society](#), 165(3), H84-H90.
- 69 Angeles-Pascual, A., Pino-Hernandez, J. R., Estevez-Gonzalez, M., Pal, U., Velumani, S., Perez, R. & Esparza, R. (2018). Structure, magnetic and cytotoxic behaviour of solvothermally grown $Fe_3O_4@Au$ core-shell nanoparticles. [Materials Characterization](#), 142, 237-244.

70 Mendoza-Figueroa, H. L., Serrano-Alva, M. T., Aparicio-Ozores, G., Martinez-Gudino, G., Suarez-Castillo, O. R., Perez-Rojas, N. A. & Morales-Rios, M. S. (2018). Synthesis, Antimicrobial Activity, and Molecular Docking Study of Fluorine-Substituted Indole-Based Imidazolines. [Medicinal Chemistry Research](#), 27(6), 1624-1633.

71 Nigenda-Morales, S. F., Hu, Y. B., Beasley, J. C., Ruiz-Pina, H. A., Valenzuela-Galvan, D. & Wayne, R. K. (2018). Transcriptomic Analysis of Skin Pigmentation Variation in the Virginia Opossum (*Didelphis virginiana*). [Molecular Ecology](#), 27(12), 2680-2697.

72 Vidal-Garcia, P., Sanchez-Vergara, M. E., Corona-Sanchez, R., Jimenez-Sandoval, O., Mercado, E. G. R., Toscano, R. A. & Alvarez-Toledano, C. (2018). Multifunctional Fischer Aminocarbene Complexes as Hole or Electron Transporting Layers in Organic Solar Cells. [Molecules](#), 23(4), e751.

73 Avilez, A. A., Bernal, T., Padilla, L. E. & Matos, T. (2018). On the Possibility That Ultra-Light Boson Haloes Host and Form Supermassive Black Holes. [Monthly Notices of the Royal Astronomical Society](#), 477(3), 3257-3272.

74 Armenta-Resendiz, M., Cruz, S. L. & Galvan, E. J. (2018). Repeated toluene exposure increases the excitability of layer 5 pyramidal neurons in the prefrontal cortex of adolescent rats. [Neurotoxicology and Teratology](#), 68, 27-35.

75 Valencia-Resendiz, D. G., Palomino-Vizcaino, G., Tapia-Vieyra, J. V., Benitez-Hess, M. L., Leija-Montoya, A. G. & Alvarez-Salas, L. M. (2018). Inhibition of Human Papillomavirus Type 16 Infection Using an Rna Aptamer. [Nucleic Acid Therapeutics](#), 28(2), 97-105.

76 Rodriguez-Rodriguez, C., Nava-Alonso, F. & Uribe-Salas, A. (2018). Arsenopyrite Oxidation With Ozone: Stoichiometry and Kinetics. [Ozone-Science & Engineering](#), 40(4), 284-292.

77 Jorge, E. Y. C., Sanchez, R. M., Chacon, J. J., Castanon, S. D. & Pinar, F. C. (2018). Magnetite Nanoparticles as Adsorbent Material for Cu²⁺ Ions From Aqueous Solution. [Particulate Science and Technology](#), 36(6), 778-784.

78 Hernandez, A. & Fernandez-Guasti, A. (2018). Male rats with same-sex preference show higher immobility in the forced swim test, but similar effects of fluoxetine and desipramine than males that prefer females. [Pharmacology Biochemistry and Behavior](#), 171, 39-45.

79 Di Gennaro, M., Miranda, A. L., Ostler, T. A., Romero, A. H. & Verstraete, M. J. (2018). Competition of Lattice and Spin Excitations in the Temperature Dependence of Spin-Wave Properties. [Physical Review B](#), 97(21), 214417.

80 Abeysekara, A. U., Albert, A., Alfaro, R. et al. (2018). Constraining the (P)Over-Bar/P Ratio in TeV Cosmic Rays With Observations of the Moon Shadow by Hawc. [Physical Review D](#), 97(10), 102005.

81 Miranda, O. G., Pasquini, P., Tortola, M. & Valle, J. W. F. (2018). Exploring the Potential of Short-Baseline Physics at Fermilab. [Physical Review D](#), 97(9), 095026.

82 Guzman, F. S. & Avilez, A. A. (2018). Head-on Collision of Multistate Ultralight Bec Dark Matter Configurations. [Physical Review D](#), 97(11), 116003.

83 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for New Physics in Final States With an Energetic Jet or a Hadronically Decaying W or Z Boson and Transverse Momentum Imbalance at Root S=13 Tev. [Physical Review D](#), 97(9), 092005.

84 Manko, V. S. & Ruiz, E. (2018). Simple Metric for a Magnetized, Spinning, Deformed Mass. [Physical Review D](#), 97(10), 104016.

85 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2018). Study of the X^{+/-}(5568) State With Semileptonic Decays of the B-S(0) Meson. [Physical Review D](#), 97(9), 092004.

86 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Measurement of Prompt D-0 Meson Azimuthal Anisotropy in Pb-Pb Collisions at Root S-Nn=5.02 Tev. [Physical Review Letters](#), 120(20), 202301.

87 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2018). Measurement of the Effective Weak Mixing Angle in P(P)Over-Bar -> Z/Gamma* -> L(+) L(-) Events. [Physical Review Letters](#), 120(24), 241802.

88 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Observation of (Tt)Over-Barh Production. [Physical Review Letters](#), 120(23), 231801.

89 Sirunyan, A. M., Collaboration, C., Tumasyan, A. et al. (2018). Search for Heavy Neutral Leptons in Events With Three Charged Leptons in Proton-Proton Collisions at Root S=13 Tev. [Physical Review Letters](#), 120(22), 221801.

90 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Narrow Resonances in the B-Tagged Dijet Mass Spectrum in Proton-Proton Collisions at Root S=8 Tev. [Physical Review Letters](#), 120(20), 201801.

91 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Physics Beyond the Standard Model in Events With High-Momentum Higgs Bosons and Missing Transverse Momentum in Proton-Proton Collisions at 13 Tev. [Physical Review Letters](#), 120(24), 241801.

92 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for the X(5568) State Decaying Into B-S(0)Pi(+/-) in Proton-Proton Collisions at Root S=8 Tev. [Physical Review Letters](#), 120(20), 202005.

93 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Evidence for the Higgs Boson Decay to a Bottom Quark-Antiquark Pair. [Physics Letters B](#), 780, 501-532.

94 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for New Long-Lived Particles at Root S=13 Tev. [Physics Letters B](#), 780, 432-454.

95 Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2018). Search for Supersymmetry in Events With One Lepton and Multiple Jets Exploiting the Angular Correlation Between the Lepton and the Missing Transverse Momentum in Proton-Proton Collisions at Root S=13 Tev. [Physics Letters B](#), 780, 384-409.

96 Barraza, A., Coss-Navarrete, E. L., Vizuet-de-Rueda, J. C., Martinez-Aguilar, K., Hernandez-Chavez, J. L., Ordaz-Ortiz, J. J., Winkler, R., Tiessen, A. & Alvarez-Venegas, R. (2018). Down-regulation of PvTRX1h increases nodule number and affects auxin, starch, and metabolic fingerprints in the common bean (*Phaseolus vulgaris* L.). [Plant Science](#), 274, 45-58.

97 Almonte-Becerril, M., Gimeno-Lluch, I., Villarroya, O., Benito-Jardon, M., Kouri, J. B. & Costell, M. (2018). Genetic Abrogation of the Fibronectin-Alpha 5 Beta 1 Integrin Interaction in Articular Cartilage Aggravates Osteoarthritis in Mice. [Plos One](#), 13(6), e0198559.

98 Gonzalez-Terreros, E., Ruiz-Valdiviezo, V. M., Galvan-Velazquez, A., Franco-Hernandez, M. O., Luna-Guido, M. & Dendooven, L. (2018). Heavy Metals in Mine-Tailing Soil Mixtures Cultivated With *Ricinus Communis* L. [Polish Journal of Environmental Studies](#), 27(5), 2007-2022.

99 Diaz-Ballotea, L., Gomez-Hernandez, K., Vega-Lizama, E. T., Ruiz-Gomez, M. A., Maldonado, L. & Hernandez, E. (2018). Thermogravimetric Approach for Assessing the Oxidation Level of a Biodiesel Sample. [Quimica Nova](#), 41(5), 492-496.

100 Torres-Rodriguez, E., Vallebuena-Estrada, M., Gonzalez, J. M., Cook, A. G., Montiel, R. & Vielle-Calzada, J. P. (2018). Ams Dates of New Maize Specimens Found in Rock Shelters of the Tehuacan Valley. [Radiocarbon](#), 60(3), 975-987.

101 Alvarez-Morales, A., Hernandez-Morales, A. & Arvizu-Gomez, J. L. (2018). A 14-20 Kda Protein Binds to the Upstream Region of the Phtm Operon Involved in the Synthesis of Phaseolotoxin in *Pseudomonas Syringae* Pv. *Phaseolicola* Nps3121. [Revista Argentina De Microbiologia](#), 50(2), 115-125.

102 Garcia Hernandez, J., Leyva Morales, J. B., Martinez Rodriguez, I. E., Hernandez Ochoa, M. I., Aldana Madrid, M. L., Rojas Garcia, A. E., Betancourt Lozano, M., Perez Herrera, N. E. & Perera Rios, J. H. (2018). Current State of the Research on Pesticides in Mexico. [Revista Internacional De Contaminacion Ambiental](#), 34, 29-60.

103 Gonzalez Calixto, C., Moreno Godinez, M. E., Maruris Reducindo, M., Hernandez Ochoa, M. I., Quintanilla Vega, M. B. & Uriostegui Acosta, M. O. (2018). Glufosinate Ammonium Alters the Quality and Dna of Mouse Spermatozoids. [Revista Internacional De Contaminacion Ambiental](#), 34, 7-15.

104 Macchione, M. A., Samaniego, J. E., Moiraghi, R., Passarelli, N., Macagno, V. A., Coronado, E. A., Yacaman, M. J. & Perez, M. A. (2018). Gold Decoration of Silica by Decomposition of Aqueous Gold(III) Hydroxide at Low Temperatures. [Rsc Advances](#), 8(36), 19979-19989.

105 Dominguez-Pantoja, M., Lopez-Herrera, G., Romero-Ramirez, H., Santos-Argumedo, L., Chavez-Rueda, A. K., Hernandez-Cueto, A., Flores-Munoz, M. & Rodriguez-Alba, J. C. (2018). Cd38 Protein Deficiency Induces Autoimmune Characteristics and Its Activation Enhances Il-10 Production by Regulatory B Cells. [Scandinavian Journal of Immunology](#), 87(6), 12664.

- 106 Gomez-Heredia, C. L., Ramirez-Rincon, J. A., Ordonez-Miranda, J., Ares, O., Alvarado-Gil, J. J., Champeaux, C., Dumas-Bouchiat, F., Ezzahri, Y. & Joulain, K. (2018). Thermal Hysteresis Measurement of the VO_2 Emissivity and Its Application in Thermal Rectification. [Scientific Reports](#), 8, 8479.
- 107 Salmon-Gamboa, J. U., Barajas-Aguilar, A. H., Ruiz-Ortega, L. I., Garay-Tapia, A. M. & Jimenez-Sandoval, S. J. (2018). Vibrational and Electrical Properties of $\text{Cu}_2\text{-Xte}$ Films: Experimental Data and First Principle Calculations. [Scientific Reports](#), 8, 8093.
- 108 Arabolla-Rodriguez, R., Perez-Cappe, E. L., Mosqueda-Laffita, Y., Chavez-Ardanza, A., Santoyo-Salazar, J., Avila-Santos, M., Aguilar-Frutis, M. A., Della Santina-Mohalem, N. & Alves, O. L. (2018). Structural defects in LiMn_2O_4 induced by gamma radiation and its influence on the Jahn-Teller effect. [Solid State Ionics](#), 324, 77-86.
- 109 Oropesa, I., Escamirosa, F. P., Sanchez-Margallo, J. A., Enciso, S., Rodriguez-Vila, B., Martinez, A. M., Sanchez-Margallo, F. M., Gomez, E. J. & Sanchez-Gonzalez, P. (2018). Interpretation of Motion Analysis of Laparoscopic Instruments Based on Principal Component Analysis in Box Trainer Settings. [Surgical Endoscopy and Other Interventional Techniques](#), 32(7), 3096-3107.
- 110 Cortezano-Arellano, O., Hernandez-Gasca, M. A., Angeles-Beltran, D., Negron-Silva, G. E. & Santillan, R. (2018). Diastereoselective Synthesis of Propargylamines Catalyzed by Cu-Mcm-41 . [Tetrahedron Letters](#), 59(25), 2403-2406.
- 111 Poblete-Naredo, I., Rodriguez-Yanez, Y., Corona-Nunez, R. O., Gonzalez-Monroy, S., Salinas, J. E. & Albores, A. (2018). Effects of gestational hypertension and pre-eclampsia in mRNA expression of fibrinolysis genes in primary cultured human umbilical vein endothelial cells. [Thrombosis Research](#), 167, 74-79.
- 112 Jimenez-Cordova, M. I., Cardenas-Gonzalez, M., Aguilar-Madrid, G., Sanchez-Pena, L. C., Barrera-Hernandez, A., Dominguez-Guerrero, I. A., Gonzalez-Horta, C., Barbier, O. C. & Del Razo, L. M. (2018). Evaluation of kidney injury biomarkers in an adult Mexican population environmentally exposed to fluoride and low arsenic levels. [Toxicology and Applied Pharmacology](#), 352, 97-106.
- 113 Rafael-Vazquez, L., Garcia-Trejo, S., Aztatzi-Aguilar, O. G., Bazan-Perkins, B. & Quintanilla-Vega, B. (2018). Exposure to diethylhexyl phthalate (DEHP) and monoethylhexyl phthalate (MEHP) promotes the loss of alveolar epithelial phenotype of A549 cells. [Toxicology Letters](#), 294, 135-144.
- 114 Apodaca-Medina, A. I., Torres-Avendano, J. I., Rendon-Maldonado, J. G., Torres-Montoya, E. H., Flores-Lopez, B. A., Del Angel, R. M., Velarde-Felix, J. S., Salomon-Soto, V. M. & Castillo-Ureta, H. (2018). First Evidence of Vertical Infection of Dengue Virus 2 in *Aedes Aegypti* Mosquitoes From Sinaloa, Mexico. [Vector-Borne and Zoonotic Diseases](#), 18(4), 231-233.
- 115 Guevara-Luna, J., Alvarez-Fitz, P., Rios-Leal, E., Acevedo-Quiroz, M., Encarnacion-Guevara, S., Moreno-Godinez, M. E., Castellanos-Escamilla, M., Toribio-Jimenez, J. & Romero-Ramirez, Y. (2018). Biotransformation of Benzo[a]Pyrene by the Thermophilic Bacterium *Bacillus Licheniformis* M2-7. [World Journal of Microbiology & Biotechnology](#), 34(7), 88.

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

116 Acuna-Gomez, O. L. & Garnica-Garza, H. M. (2018). Improvement of Kilovoltage Beam Output With a Transmission X-Ray Target: Radiological Optimization and Cooling System Design. [Biomedical Physics & Engineering Express](#), 4(2), 025008.

117 Gonzalez, J., Grant, M. & Vandembroucq, L. (2018). Hopf Invariants, Topological Complexity, and Ls-Category of the Cofiber of the Diagonal Map for Two-Cell Complexes. [Contemporary Mathematics](#), 702: 133-150.

118 Gonzalez, J. & Gutierrez, B. (2018). Topological Complexity of Collision-Free Multi-Tasking Motion Planning on Orientable Surfaces. [Contemporary Mathematics](#), 702: 151-163.

119 Paez, A. R. & Guzman, D. S. (2018). Analysis of Data of Engineering Students for the Prediction of Academic Performance Using the Bayesian Classification Technique. [Dilemas Contemporaneos-Educacion Politica Y Valores](#), 5(3), 13.

120 Maldonado-Maldonado, A. & Acosta, F. (2018). An agenda in motion: women's issues in Latin American higher education. [International Higher Education](#), 94, 2-4.

121 Aguilar-Madrid, G., Pesch, B., Calderon-Aranda, E. S. et al. (2018). Biomarkers for predicting malignant pleural mesothelioma in a Mexican population. [International Journal of Medical Sciences](#), 15(9), 883-891.

122 Soto-Guerrero, D., Ramirez-Torres, J. G. & Gazeau, J. P. (2018). Towards an Autonomous Airborne Robotic Agent. [Mechanisms and Machine Science](#), 50: 62-69.

123 Meneses, A., Nieto-Vera, R. & Anaya-Jimenez, R. M. (2018). 5-Ht2a/2b/2c Receptors, Memory and Therapeutic Targets. [The Receptors](#), 32: 259-271.

[ARTÍCULOS C] – ARTÍCULOS EN REVISTAS DE DIVULGACIÓN CIENTÍFICA Y/O TECNOLÓGICA

124 Godinez-Quezada, J. A., Perez-Polanco, P. & Montano-Zetna, L. M. (2018). The effect of consuming Feijoa reduces the glucose levels in blood. [Espacio I+D Innovacion Mas Desarrollo](#), 7(17).

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

125 Herrera-Gomez, A. & Cabrera-German, D. (2018). Response to the Letter: Comment on "Intensity Modulation of the Shirley Background of the Cr 3p Spectra With Photon Energies Around the Cr 2p Edge" by R. Bavand, L. Chen, R. Franca, Et Al. [Surface and Interface Analysis](#), 50(7), 686-687.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

126 Heil, M. (2018). Positive Damps - Hiv-1 Feedback: a Vicious Circle From the Original Infection to the Establishment of Viral Reservoirs. [Journal Der Deutschen Dermatologischen Gesellschaft](#), 16(S3), 44-45.

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

127 Lagunas-Rangel, F. A. (2018). Cancer-free aging: Insights from *Spalax ehrenbergi* superspecies. [Ageing Research Reviews](#), 47, 18-23.

128 Garza-Lombo, C., Posadas, Y., Quintanar, L., Gonsebatt, M. E. & Franco, R. (2018). Neurotoxicity Linked to Dysfunctional Metal Ion Homeostasis and Xenobiotic Metal Exposure: Redox Signaling and Oxidative Stress. [Antioxidants & Redox Signaling](#), 28(18), 1669-1703.

129 Drago-Serrano, M. E., Campos-Rodriguez, R., Carrero, J. C. & De La Garza, M. (2018). Lactoferrin and Peptide-Derivatives: Antimicrobial Agents With Potential Use in Nonspecific Immunity Modulation. [Current Pharmaceutical Design](#), 24(10), 1067-1078.

130 Sotelo-Silveira, M., Chavez-Montes, R. A., Sotelo-Silveira, J. R., Marsch-Martinez, N. & De Folter, S. (2018). Entering the Next Dimension: Plant Genomes in 3D. [Trends in Plant Science](#), 23(7), 598-612.

131 Kutralam-Muniasamy, G. & Perez-Guevara, F. (2018). Genome Characteristics Dictate Poly-R-(3)-Hydroxyalkanoate Production in *Cupriavidus Necator* H16. [World Journal of Microbiology & Biotechnology](#), 34(6), 79.

Última actualización: Julio 03, 2018. 12:55 p.m.