

ARTÍCULOS DEL MES DE JUNIO DE 2015

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

- 1 Rodríguez-Andrade, M. A., Aragon-Gonzalez, G., Aragon, J. L., Gomez-Rodriguez, A. & Romeu, D. (2015). The Coincidence Site Lattices in 2d Hexagonal Lattices Using Clifford Algebra. [Advances in Applied Clifford Algebras](#), 25(2), 425-440.
- 2 Mendoza, M. O., De Fuentes, O. A., Prokhorov, E., Barcenas, G. L. & Ortega, E. P. (2015). Correlation Between Electrical Properties and Potentiometric Response of Cs-Clay Nanocomposite Membranes. [Advances in Materials Science and Engineering](#), 2015, 710425.
- 3 Bautista-Perez, R., Del Valle-Mondragon, L., Cano-Martinez, A., Perez-Mendez, O., Escalante, B. & Franco, M. (2015). Involvement of Neutral Sphingomyelinase in the Angiotensin II Signaling Pathway. [American Journal of Physiology-Renal Physiology](#), 308(10), F1178-F1187.
- 4 Hernandez-Montanez, Z., Lopez-Ramirez, M. P., Delgado-Balbuena, L., Dendooven, L. & Bello-Lopez, J. M. (2015). Mesophilic Strains of Aeromonas Spp. Can Acquire the Multidrug Resistance Plasmid Prs1 in Horizontal Transfer Experiments at Low Temperatures. [Annals of Microbiology](#), 65(2), 827-831.
- 5 Navarro-Noya, Y. E., Valenzuela-Encinas, C., Sandoval-Yuriar, A., Jimenez-Bueno, N. G., Marsch, R. & Dendooven, L. (2015). Archaeal Communities in a Heterogeneous Hypersaline-Alkaline Soil. [Archaea-an International Microbiological Journal](#), 2015, 646820.
- 6 Aguilar-Madrid, G., Castelan-Vega, J. A., Juarez-Perez, C. A. et al. (2015). Seroprevalence of Pandemic a(H1n1) Pmd09 Virus Antibodies in Mexican Health Care Workers Before and After Vaccination. [Archives of Medical Research](#), 46(2), 154-163.
- 7 Brown, J. K., Zerbini, F. M., Navas-Castillo, J. et al. (2015). Revision of Begomovirus Taxonomy Based on Pairwise Sequence Comparisons. [Archives of Virology](#), 160(6), 1593-1619.
- 8 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Searches for Anisotropies in the Arrival Directions of the Highest Energy Cosmic Rays Detected by the Pierre Auger Observatory. [Astrophysical Journal](#), 804(1), 15.
- 9 Rojas-Nino, A., Martinez-Medina, L. A., Pichardo, B. & Valenzuela, O. (2015). Detecting Triaxiality in the Galactic Dark Matter Halo Through Stellar Kinematics. ii. Dependence on Nature Dark Matter and Gravity. [Astrophysical Journal](#), 805(1), 29.
- 10 Aceves-Cano, A., Gaytan-Ochoa, R., Ramos-Martinez, E., De La Vega, G. E., Gonzalez-Horta, C., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2015). Morphological Findings in Trophozoites During Amoebic Abscess Development in Misoprostol-Treated Balb/C Mice. [Biomed Research International](#), 2015, 898467.

- 11 Lopez-Saucedo, C., Bernal-Reynaga, R., Zayas-Jahuey, J., Galindo-Gomez, S., Shibayama, M., Garcia-Galvez, C., Estrada-Parra, S. & Estrada-Garcia, T. (2015). Cd40 Ligand Deficient C57bl/6 Mouse Is a Potential Surrogate Model of Human X-Linked Hyper Igm (X-Higm) Syndrome for Characterizing Immune Responses Against Pathogens. [Biomed Research International](#), 2015, 679850.
- 12 Martinez-Castillo, M., Ramirez-Rico, G., Serrano-Luna, J. & Shibayama, M. (2015). Iron-Binding Protein Degradation by Cysteine Proteases of Naegleria Fowleri. [Biomed Research International](#), 2015, 416712.
- 13 Ortiz-Estrada, G., Calderon-Salinas, V., Shibayama-Salas, M., Leon-Sicairos, N. & De La Garza, M. (2015). Binding and Endocytosis of Bovine Hololactoferrin by the Parasite Entamoeba Histolytica. [Biomed Research International](#), 2015, 375836.
- 14 Vilchis-Ordóñez, A., Contreras-Quiroz, A., Vadillo, E. et al. (2015). Bone Marrow Cells in Acute Lymphoblastic Leukemia Create a Proinflammatory Microenvironment Influencing Normal Hematopoietic Differentiation Fates. [Biomed Research International](#), 2015, 386165.
- 15 Sanchez, A., Gil, J. C., Rojas-Rejon, O. A., De Alba, A. P., Medina, A., Flores, R. & Puente, R. (2015). Sequential Pretreatment Strategies Under Mild Conditions for Efficient Enzymatic Hydrolysis of Wheat Straw. [Bioprocess and Biosystems Engineering](#), 38(6), 1127-1141.
- 16 Cobreros, C., Reyes-Araiza, J. L., Manzano-Ramirez, A., Nava, R., Rodriguez, M., Mondragon-Figueroa, M., Apatiga, L. M. & Rivera-Munoz, E. M. (2015). Barley Straw Ash: Pozzolanic Activity and Comparison With Other Natural and Artificial Pozzolans From Mexico. [Bioresources](#), 10(2), 3757-3774.
- *17 Llamas, A. & Martinez-Bernal, J. (2015). Cover Product and Betti Polynomial of Graphs. [Canadian Mathematical Bulletin-Bulletin Canadien De Mathematiques](#), 58(2), 320-333.
- 18 Delgado, C., Ruiz-Hurtado, G. & Gomez-Hurtado, N... et al. (2015). NOD1, a new player in cardiac function and calcium handling. [Cardiovascular Research](#), 106, 375-386.
- 19 Carrillo, E. D., Sampieri, R., Hernandez, A., Garcia, M. C. & Sanchez, J. A. (2015). Mir-132 Regulates Rem Expression in Cardiomyocytes During Long-Term Beta-Adrenoceptor Agonism. [Cellular Physiology and Biochemistry](#), 36(1), 141-154.
- 20 Garcia-Aguilar, M. & Gillmor, C. S. (2015). Zygotic genome activation and imprinting: parent-of-origin gene regulation in plant embryogenesis. [Current Opinion in Plant Biology](#), 27, 29-35.
- 21 Mariscal, L. B., Carmona-Tellez, S., Alarcon-Flores, G., Meza-Rocha, A. N., Murrieta, H. S. & Falcony, C. (2015). Synthesis of Al₂O₃: Eu³⁺ Powder and Pet Films With This Powder Incorporated: a Luminescence Study. [Ecs Journal of Solid State Science and Technology](#), 4(7), R97-R104.
- 22 Lopez, G., Quezada, H., Duhne, M. et al. (2015). Diversification of Paralogous Alpha-Isopropylmalate Synthases by Modulation of Feedback Control and Hetero-Oligomerization in Saccharomyces Cerevisiae. [Eukaryotic Cell](#), 14(6), 564-577.

- 23 Andreev, V., Baghdasaryan, A., Begzsuren, K. et al. (2015). Measurement of Multijet Production in Ep Collisions at High Q^2 and Determination of the Strong Coupling α_s . [European Physical Journal C](#), 75(2), 65.
- 24 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of Electroweak Production of Two Jets in Association With a Z Boson in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [European Physical Journal C](#), 75(2), 66.
- 25 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for dark matter, extra dimensions and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=8$ TeV. [European Physical Journal C](#), 75(5), 235.
- 26 Ramos-Solano, M., Meza-Canales, I. D., Torres-Reyes, L. A. et al. (2015). Expression of WNT genes in cervical cancer-derived cells: Implication of WNT7A in cell proliferation and migration. [Experimental Cell Research](#), 335(1), 39-50.
- 27 Popoca-Cuaya, M., Diaz-Chavez, J., Hernandez-Monge, J., Alvarez-Rios, E., Lambert, P. F. & Gariglio, P. (2015). The Hpv16 E6 Oncoprotein and Uvb Irradiation Inhibit the Tumor Suppressor Tgf Pathway in the Epidermis of the K14e6 Transgenic Mouse. [Experimental Dermatology](#), 24(6), 430-435.
- 28 Alonso-Morales, A., Gonzalez-Lopez, L., Cazares-Raga, F. E., Cortes-Martinez, L., Torres-Monzon, J. A., Gallegos-Perez, J. L., Rodriguez, M. H., James, A. A. & Hernandez-Hernandez, F. C. (2015). Protein phosphorylation during Plasmodium berghei gametogenesis. [Experimental Parasitology](#), 156, 49-60.
- 29 Colin-Orozco, J., Zapata-Torres, M., Rodriguez-Gattorno, G. & Pedroza-Islas, R. (2015). Properties of Poly (Ethylene Oxide)/Whey Protein Isolate Nanofibers Prepared by Electrospinning. [Food Biophysics](#), 10(2), 134-144.
- 30 Vega-Lizama, T., Diaz-Ballote, L., Hernandez-Mezquita, E., May-Crespo, F., Castro-Borges, P., Castillo-Atoche, A., Gonzalez-Garcia, G. & Maldonado, L. (2015). Thermogravimetric Analysis as a Rapid and Simple Method to Determine the Degradation Degree of Soy Biodiesel. [Fuel](#), 156, 158-162.
- 31 Avina-Padilla, K., De La Vega, O. M., Rivera-Bustamante, R., Martinez-Soriano, J. P., Owens, R. A., Hammond, R. W. & Vielle-Calzada, J. P. (2015). In Silico Prediction and Validation of Potential Gene Targets for Pospiviroid-Derived Small Rnas During Tomato Infection. [Gene](#), 564(2), 197-205.
- 32 Chinas, P., Lopez, I., Vazquez, J. A., Osorio, R. & Lefranc, G. (2015). Svm and Ann Application to Multivariate Pattern Recognition Using Scatter Data. [IEEE Latin America Transactions](#), 13(5), 1633-1639.
- 33 Herrera, J. F. & Moreno, P. (2015). Calculation of Reflection Losses in a Small Anechoic Chamber. [IEEE Latin America Transactions](#), 13(5), 1258-1264.

- 34 Cabrera-Gonzalez, J., Xochitiotzi-Flores, E., Vinas, C., Teixidor, F., Garcia-Ortega, H., Farfan, N., Santillan, R., Parella, T. & Nunez, R. (2015). High-Boron-Content Porphyrin-Cored Aryl Ether Dendrimers: Controlled Synthesis, Characterization, and Photophysical Properties. [Inorganic Chemistry](#), 54(10), 5021-5031.
- 35 Rivillas-Acevedo, L., Sanchez-Lopez, C., Amero, C. & Quintanar, L. (2015). Structural Basis for the Inhibition of Truncated Islet Amyloid Polypeptide Aggregation by Cu(II): Insights Into the Bioinorganic Chemistry of Type II Diabetes. [Inorganic Chemistry](#), 54(8), 3788-3796.
- 36 Perez-Luna, A. I., Gutierrez-Espinosa, M. A., Zavaleta-Mancera, H. A., Robledo-Paz, A. & Mora-Aguilera, G. (2015). Histological Response to Inducers of Morphogenetic Processes in Citrus Latifolia Tan. [Interciencia](#), 40(5), 343-349.
- 37 Arauz, J., Rivera-Espinoza, Y., Shibayama, M., Favari, L., Flores-Beltran, R. E. & Muriel, P. (2015). Nicotinic acid prevents experimental liver fibrosis by attenuating the prooxidant process. [International Immunopharmacology](#), 28(1), 244-251.
- 38 Alvarado-Beltran, C. G., Almaral-Sanchez, J. L., Quevedo-Lopez, M. A. & Ramirez-Bon, R. (2015). Dielectric Gate Applications of Pmma-Tio2 Hybrid Films in ZnO-Based Thin Film Transistors. [International Journal of Electrochemical Science](#), 10(5), 4068-4082.
- 39 Linares-Garcia, J. A., Ramos-Ramirez, E. G. & Salazar-Montoya, J. A. (2015). Viscoelastic Properties and Textural Characterisation of High Methoxyl Pectin of Hawthorn (*Crataegus Pubescens*) in a Gelling System. [International Journal of Food Science and Technology](#), 50(6), 1484-1493.
- 40 Vales-Pinzon, C., Medina-Esquivel, R. A., Ordonez-Miranda, J. & Alvarado-Gil, J. J. (2015). Thermal transfer in mixtures of ethylene glycol with carbon coated iron nanoparticles under the influence of a uniform magnetic field. [Journal of Alloys and Compounds](#), 643, S71-S74.
- 41 Madera-Santana, T. J., Freile-Pelegrin, Y., Encinas, J. C., Rios-Soberanis, C. R. & Quintana-Owen, P. (2015). Biocomposites Based on Poly(Lactic Acid) and Seaweed Wastes From Agar Extraction: Evaluation of Physicochemical Properties. [Journal of Applied Polymer Science](#), 132(31), 42320.
- 42 Millhauser, J. K., Fargher, L. F., Espinoza, V. Y. H. & Blanton, R. E. (2015). The Geopolitics of Obsidian Supply in Postclassic Tlaxcallan: a Portable X-Ray Fluorescence Study. [Journal of Archaeological Science](#), 58, 133-146.
- 43 Ibarra-Lara, L., Sanchez-Aguilar, M., Hong, E. et al. (2015). Ppar Alpha Stimulation Modulates Myocardial Ischemia-Induced Activation of Renin-Angiotensin System. [Journal of Cardiovascular Pharmacology](#), 65(5), 430-437.
- 44 Parra, S. M., Valle-Levinson, A., Marino-Tapia, I. & Enriquez, C. (2015). Salt Intrusion at a Submarine Spring in a Fringing Reef Lagoon. [Journal of Geophysical Research-Oceans](#), 120(4), 2736-2750.

- 45 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Forward-Backward Multiplicity Correlations in Pp Collisions at Root S=0.9, 2.76 And 7 Tev. [Journal of High Energy Physics](#), (5), 97.
- 46 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Searches for Supersymmetry Using the M-T2 Variable in Hadronic Events Produced in Pp Collisions at 8 Tev. [Journal of High Energy Physics](#), (5), 78.
- 47 Diaz-Guillen, J. C., Vargas-Gutierrez, G., Granda-Gutierrez, E. E., Aguilar-Martinez, J. A., Gonzalez-Albarran, M. A. & Alvarez-Contreras, L. (2015). Influences of Processing Time and Discharge Current Density During Pulsed Plasma-Oxidizing Process of Aisi 316l. [Journal of Materials Engineering and Performance](#), 24(6), 2368-2372.
- 48 Salinas, J. J. & Salinas, A. (2015). Grain Size and Texture Evolution During Annealing of Non-Oriented Electrical Steel Deformed in Tension. [Journal of Materials Engineering and Performance](#), 24(5), 2117-2125.
- 49 Rodriguez-Aranda, M. C., Calderon-Pinar, F., Mayen-Mondragon, R. & Yanez-Limon, J. M. (2015). Synthesis and Optical Characterization of Pb(Zr_{0.53}Ti_{0.47})O₃ Thin Films on Indium Tin Oxide/Quartz Substrates by a Simplified Sol-Gel Route. [Journal of Materials Science-Materials in Electronics](#), 26(6), 3486-3492.
- 50 Reyes-Lopez, S. Y., Cornejo-Monroy, D. & Gonzalez-Garcia, G. (2015). A Novel Route for the Preparation of Gold Nanoparticles in Polycaprolactone Nanofibers. [Journal of Nanomaterials](#), 2015, 485121.
- 51 Hernandez-Garcia, F. A., Torres-Delgado, G., Castanedo-Perez, R. & Zelaya-Angel, O. (2015). Photodegradation of gaseous C₆H₆ using CdO+CdTiO₃ and TiO₂ thin films obtained by sol-gel technique. [Journal of Photochemistry and Photobiology A-Chemistry](#), 310, 52-59.
- 52 Rojas, A., Valdes-Ordenez, A., Martinez-Herrera, M., Torres, L. A., Campos, M., Hernandez-Obregon, J., Herrera, R. & Tamariz, J. (2015). Thermochemical Study of 1-Acetyl Vinyl P-Nitrobenzoate: Vinyl Bond Enthalpy in Captodative Olefins. [Journal of Physical Chemistry A](#), 119(20), 4953-4960.
- 53 Vega-Flick, A., Mustre-De Leon, J. & Saini, N. L. (2015). Effect of local atomic phase separation in the x-ray absorption near edge structure spectroscopy of Fe₅₆Te_{1-x}. [Journal of Physics and Chemistry of Solids](#), 84, 80-84.
- 54 Hernandez-Rodriguez, E., Loeza-Poot, M., Riech, I., Rejon, V. & Pena, J. L. (2015). A Comparative Study of Cds:F and Cds:O Thin Films Deposited by Reactive Rf-Sputtering Technique for Window Layer Application in Solar Cells. [Journal of Physics D-Applied Physics](#), 48(25), 255102.
- 55 Contreras-Hernandez, E., Chavez, D. & Rudomin, P. (2015). Dynamic Synchronization of Ongoing Neuronal Activity Across Spinal Segments Regulates Sensory Information Flow. [Journal of Physiology-London](#), 593(10), 2343-2363.

56 Gonzalez-Calixto, C., Cazares-Raga, F. E., Cortes-Martinez, L. et al. (2015). Aelrack1 Expression and Localization in Response to Stress in C6/36 Ht Mosquito Cells. [Journal of Proteomics](#), 119, 45-60.

57 Rodriguez-Manzo, G. & Canseco-Alba, A. (2015). Anandamide Reduces the Ejaculatory Threshold of Sexually Sluggish Male Rats: Possible Relevance for Human Lifelong Delayed Ejaculation Disorder. [Journal of Sexual Medicine](#), 12(5), 1128-1135.

58 Bustos-Guajardo, R. & Moukarzel, C. F. (2015). World distribution of gross domestic product per-capita. [Journal of Statistical Mechanics-Theory and Experiment](#), 2015, P05023.

59 Moukarzel, C. F. (2015). Elastic Anomalies in Disordered Square Networks. [Journal of Statistical Mechanics-Theory and Experiment](#), 2015, P04008.

60 Saucedo-Rivalcoba, V., Landeros, J. G. A., Meneses, V. M. C., Yanez-Limon, J. M., Gomez-Guzman, O., Velasco-Santos, C. & Martinez-Hernandez, A. L. (2015). Study of Thermal Properties of Mullite Porous Materials. [Journal of Thermal Analysis and Calorimetry](#), 120(3), 1553-1561.

61 Gonz+ílez-Amaro, R. M. a., Figueroa-C+írdenas, J. d. D., Perales, H. & Santiago-Ramos, D. (2015). Maize races on functional and nutritional quality of tejate: A maize-cacao beverage. [LWT - Food Science and Technology](#), 63(2), 1008-1015.

62 Adame, M. F., Fry, B., Gamboa, J. N. & Herrera-Silveira, J. A. (2015). Nutrient Subsidies Delivered by Seabirds to Mangrove Islands. [Marine Ecology Progress Series](#), 525, 15-24.

63 Acuna-Gutierrez, I. O., Escobedo-Bocardo, J. C., Almanza-Robles, J. M., Cortes-Hernandez, D. A., Saldivar-Ramirez, M. M. G., Resendiz-Hernandez, P. J. & Zugasti-Cruz, A. (2015). Bioactive and Hemocompatible Calcium Sulphoaluminate Cement. [Materials Research-Ibero-American Journal of Materials](#), 18(2), 298-303.

64 Babu, B. J., Velumani, S., Simonds, B. J., Ahrenkiel, R. K., Kassiba, A. & Asomoza, R. (2015). Effect of sodium doping on graded Cu(In1GÊxGax)Se2 thin films prepared by chemical spray pyrolysis. [Materials Science in Semiconductor Processing](#), 37, 37-45.

65 Bernal-Correa, R., Morales-Acevedo, A., Pulzara Mora, A., Montes-Monsalve, J. & Lopez Lopez, M. (2015). Design of AlxGa1-xAs/GaAs/InyGa1-yAs triple junction solar cells with anti-reflective coating. [Materials Science in Semiconductor Processing](#), 37, 57-61.

66 Calderon, C., Gordillo, G., Becerra, R. & Bartolo-Perez, P. (2015). XPS analysis and characterization of thin films Cu2ZnSnS4 grown using a novel solution based route. [Materials Science in Semiconductor Processing](#), 39, 492-498.

67 Diaz-Reyes, J., Contreras-Rascon, J. I., Arias-Ceron, J. S., Sanchez-Ramirez, J. F., Galvan-Arellano, M., Martinez-Juarez, J. & Balderas-Lopez, J. A. (2015). Structural and optical characterisation of CdSe1-ySy. [Materials Science in Semiconductor Processing](#), 37, 199-206.

- 68 Hernandez, A. G., Kudriavtsev, Y., Gallardo, S., Avendano, M. & Asomoza, R. (2015). Formation of self-organized nano-surfaces on III-V semiconductors by low energy oxygen ion bombardment. [Materials Science in Semiconductor Processing](#), 37, 190-198.
- 69 Hussain, S. Q., Yen, C., Khan, S. et al. (2015). Uniform 3D hydrothermally deposited zinc oxide nanorods with high haze ratio. [Materials Science in Semiconductor Processing](#), 37, 99-104.
- 70 Jimenez-Perez, J. L., Algatti, M. A., Cruz-San Martin, V., Moreira Junior, P. W. P., Mota, R. R. P., Correa Pacheco, Z. N., Cruz-Orea, A. & Sanchez Ramirez, J. F. (2015). Photothermal study of RF-plasma polymerized hexamethyldisilazane thin films. [Materials Science in Semiconductor Processing](#), 37, 223-228.
- 71 Karthik, T. V. K., Olvera, M. L., Maldonado, A. & Velumurugan, V. (2015). Sensing properties of undoped and Pt-doped SnO₂ thin films deposited by chemical spray. [Materials Science in Semiconductor Processing](#), 37, 143-150.
- 72 Khan, S., Hussain, S. Q., Hwang, D., Velumani, S. & Lee, H. (2015). Light trapping by hydrothermally deposited zinc oxide nanostructures with high haze ratio. [Materials Science in Semiconductor Processing](#), 37, 51-56.
- 73 Park, H., Hussain, S. Q., Velumani, S., Tuan-Le, A. H., Ahn, S., Kim, S. & Yi, J. (2015). Influence of working pressure on the structural, optical and electrical properties of sputter deposited AZO thin films. [Materials Science in Semiconductor Processing](#), 37, 29-36.
- 74 Raja, J., Jang, K., Balaji, N., Hussain, S. Q., Velumani, S., Chatterjee, S., Kim, T. & Yi, J. (2015). Aging effects on the stability of nitrogen-doped and un-doped InGaZnO thin-film transistors. [Materials Science in Semiconductor Processing](#), 37, 129-134.
- 75 Raja, J., Jung, S., Jang, K., Jin, Z., Chatterjee, S., Velumani, S., Kim, J. & Yi, J. (2015). Improvement of data retention characteristics of OSOSO multi-stacked MIS capacitor for flat panel display technology. [Materials Science in Semiconductor Processing](#), 37, 9-13.
- 76 Rohini, M., Reyes, P., Velumani, S., Latha, M., Oza, G., Becerril-Juarez, I. & Asomoza, R. (2015). Parametric optimization of mechanochemical process for synthesis of Cu(In, Ga)_{0.5}Se₂ nanoparticles. [Materials Science in Semiconductor Processing](#), 37, 151-158.
- 77 Thanikaikarasan, S., Mahalingam, T., Raja, M. & Velumani, S. (2015). Electrochemical growth and characterization of iron doped cadmium sulfide thin films. [Materials Science in Semiconductor Processing](#), 37, 215-222.
- 78 Torres-Hernandez, J. R., Ramirez-Morales, E., Rojas-Blanco, L. et al. (2015). Structural, optical and photocatalytic properties of ZnO nanoparticles modified with Cu. [Materials Science in Semiconductor Processing](#), 37, 87-92.
- 79 Velasco-Villa, M., Heras-Godinez, J., Vazquez-Santacruz, J. A. & Fragoso-Rubio, V. (2015). Delayed Consensus Problem for Single and Double Integrator Systems. [Mathematical Problems in Engineering](#), 2015, 461098.

- 80 Ramsey, J. M., Peterson, A. T., Carmona-Castro, O., Moo-Llanes, D. A., Nakazawa, Y., Butrick, M., Tun-Ku, E., De La Cruz-Felix, K. & Ibarra-Cerdena, C. N. (2015). Atlas of Mexican Triatominae (Reduviidae: Hemiptera) and Vector Transmission of Chagas Disease. [Memorias Do Instituto Oswaldo Cruz](#), 110(3), 339-352.
- 81 Jimenez, G. S. A., Barranca, M. A. R., Acevedo, S. M., Cervantes, J. E. M. & Arce, M. A. A. (2015). Design Considerations and Electro-Mechanical Simulation of an Inertial Sensor Based on a Floating Gate Metal-Oxide Semiconductor Field-Effect Transistor as Transducer. [Microsystem Technologies-Micro-and Nanosystems-Information Storage and Processing Systems](#), 21(6), 1353-1362.
- 82 Carretero-Paulet, L., Librado, P., Chang, T. H., Ibarra-Laclette, E., Herrera-Estrella, L., Rozas, J. & Albert, V. A. (2015). High Gene Family Turnover Rates and Gene Space Adaptation in the Compact Genome of the Carnivorous Plant *Utricularia Gibba*. [Molecular Biology and Evolution](#), 32(5), 1284-1295.
- 83 Perez, A. I. M., Alonso, O. C., Borbolla, J. C., Vasquez-Perez, J. M., Alonso, J. C., Ayala, K. A., Luna-Barcenas, G., Pandiyan, T. & Garcia, R. A. V. (2015). Synthesis of Photochromic Oligophenylenimines: Optical and Computational Studies. [Molecules](#), 20(4), 5440-5455.
- 84 Laura-Guarachi, L. R. & Hernandez-Lerma, O. (2015). The Mitra-Wan Forestry Model: a Discrete-Time Optimal Control Problem. [Natural Resource Modeling](#), 28(2), 152-168.
- 85 Mariscal, L., Carmona-Tellez, S., Alarcon-Flores, G., Murrieta, H., Hernandez, J. M., Camarillo, E. & Falcony, C. (2015). Luminescent properties of Al₂O₃:Tb³⁺ powders embedded in polyethylene terephthalate films. [Optical Materials](#), 46, 233-239.
- 86 Martinez-Olmos, R. C., Guzman-Mendoza, J., Baez-Rodriguez, A., Alvarez-Fragoso, O., Garcia-Hipolito, M. & Falcony, C. (2015). Synthesis, characterization and luminescence studies in ZrO₂:Dy³⁺ and ZrO₂:Dy³⁺, Gd³⁺ films deposited by the Pyrosol method. [Optical Materials](#), 46, 168-174.
- 87 Palomino-Merino, R., Trejo-Garcia, P., Portillo-Moreno, O., Jimenez-Sandoval, S., Tomas, S. A., Zelaya-Angel, O., Lozada-Morales, R. & Castano, V. M. (2015). Red shifts of the Eg(1) Raman mode of nanocrystalline TiO₂:Er monoliths grown by sol-gel process. [Optical Materials](#), 46, 345-349.
- 88 Retana, C., Sanchez, E., Perez-Lopez, A., Cruz, A., Lagunas, J., Cruz, C., Vital, S. & Reyes, J. L. (2015). Alterations of Intercellular Junctions in Peritoneal Mesothelial Cells From Patients Undergoing Dialysis: Effect of Retinoic Acid. [Peritoneal Dialysis International](#), 35(3), 275-287.
- 89 Flores-Valenzuela, J., Cortez-Valadez, M., Ramirez-Bon, R., Arizpe-Chavez, H., Roman-Zamorano, J. F. & Flores-Acosta, M. (2015). Optical and Vibrational Properties of Pbse Nanoparticles Synthesized in Clinoptilolite. [Physica E-Low-Dimensional Systems & Nanostructures](#), 72, 1-6.
- 90 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Centrality Dependence of Particle Production in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physical Review C](#), 91(6), 064905.
- 91 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Two-Pion Femtoscopy in P-Pb Collisions at Root(Nn)-N-S=5.02 Tev. [Physical Review C](#), 91(3), 034906.

- 92 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Improved Limit to the Diffuse Flux of Ultrahigh Energy Neutrinos From the Pierre Auger Observatory. [Physical Review D](#), 91(9), 092008.
- 93 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Precision Measurement of the Top-Quark Mass in Lepton Plus Jets Final States. [Physical Review D](#), 91(11), 112003.
- 94 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Physics Beyond the Standard Model in Final States With a Lepton and Missing Transverse Energy in Proton-Proton Collisions at Root S = 8 Tev. [Physical Review D](#), 91(9), 092005.
- 95 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Study of Final-State Radiation in Decays of Z Bosons Produced in Pp Collisions at 7 Tev. [Physical Review D](#), 91(9), 092012.
- 96 Moyotl, A., Tavares-Velasco, G. & Toscano, J. J. (2015). Cp-Odd Contributions to the $Z\gamma^*$, $Z\gamma^*$, and $Z\gamma^*$ Vertices Induced by Nondiagonal Charged Scalar Boson Couplings. [Physical Review D](#), 91(9), 093005.
- 97 Aad, G., Abbott, B., Abdallah, J. et al. (2015). Combined Measurement of the Higgs Boson Mass in Pp Collisions at Root S=7 and 8 Tev With the Atlas and Cms Experiments. [Physical Review Letters](#), 114(19), 191803.
- 98 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of J/Psi and Psi(2s) Prompt Double-Differential Cross Sections in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 114(19), 191802.
- 99 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of Dijet K(T) in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 746, 385-395.
- 100 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of Jet Suppression in Central Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 746, 1-14.
- 101 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Cross Section Ratio $\frac{\sigma(TT)_{\text{Over-Barb(B)Over-Bar}}}{\sigma(TT)_{\text{Over-Barjj}}}$ in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 746, 132-153.
- 102 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Quark Contact Interactions and Extra Spatial Dimensions Using Dijet Angular Distributions in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 746, 79-99.
- 103 Rodriguez-Leal, D., Leon-Martinez, G., Abad-Vivero, U. & Vielle-Calzada, J. P. (2015). Natural Variation in Epigenetic Pathways Affects the Specification of Female Gamete Precursors in Arabidopsis. [Plant Cell](#), 27(4), 1034-1045.
- 104 Garciadiego-Cazares, D., Aguirre-Sanchez, H. I., Abarca-Buis, R. F., Kouri, J. B., Velasquillo, C. & Ibarra, C. (2015). Regulation of Alpha 5 and Alpha V Integrin Expression by Gdf-5 and Bmp-7 in Chondrocyte Differentiation and Osteoarthritis. [Plos One](#), 10(5), e0127166.

- 105 Gutjahr, C., Sawers, R. J. H., Marti, G. et al. (2015). Transcriptome Diversity Among Rice Root Types During Asymbiosis and Interaction With Arbuscular Mycorrhizal Fungi. [Proceedings of the National Academy of Sciences of the United States of America](#), 112(21), 6754-6759.
- 106 Barany, I., Fabila-Monroy, R. & Vogtenhuber, B. (2015). (N,M)-Fold Covers of Spheres. [Proceedings of the Steklov Institute of Mathematics](#), 288(1), 203-208.
- 107 Renan, X., Trejo-Martinez, J., Caballero-Arango, D. & Brule, T. (2015). Growth Stanzas in an Epinephelidae-Lutjanidae Complex: Considerations to Length-Weight Relationships. [Revista De Biologia Tropical](#), 63(1), 175-187.
- 108 Thomas, I. H. L., Bautista, F., Ruiz, F. R. C., Delgado, M. D., Owen, P. Q., Aguilar, D. & Goguitchaichvili, A. (2015). Concentration of Toxic Elements in Topsoils of the Metropolitan Area of Mexico City: a Spatial Analysis Using Ordinary Kriging and Indicator Kriging. [Revista Internacional De Contaminacion Ambiental](#), 31(1), 47-62.
- 109 Serrano, D. A., Sanchez-Silva, F., Klapp, J. & Medina, A. (2015). The Hagen-Beverloo law for outflow of granular solids from holes on side walls. [Revista Mexicana de Fisica](#), 61, 207-210.
- 110 Guevara-Figueroa, T., Lopez-Hernandez, L., Lopez, M. G. et al. (2015). Conditioning Garlic "Seed" Cloves at Low Temperature Modifies Plant Growth, Sugar, Fructan Content, and Sucrose Sucrose Fructosyl Transferase (1-Sst) Expression. [Scientia Horticulturae](#), 189, 150-158.
- 111 Paz, B. C., Avila-Herrera, F., Cerdeira, A. & Pavanello, M. A. (2015). Double-Gate Junctionless Transistor Model Including Short-Channel Effects. [Semiconductor Science and Technology](#), 30(5), 055011.
- 112 Avila-Herrera, F., Cerdeira, A., Paz, B. C., Estrada, M., Iniguez, B. & Pavanello, M. A. (2015). Compact model for short-channel symmetric double-gate junctionless transistors. [Solid State Electronics](#), 111, 196-203.
- 113 Zeferino-Diaz, R., Hilario-Martinez, J. C., Rodriguez-Acosta, M., Sandoval-Ramirez, J. & Fernandez-Herrera, M. A. (2015). 22-Oxocholestanes as Plant Growth Promoters. [Steroids](#), 98, 126-131.
- 114 Athma, P. V., Martinez, A. I., Johns, N., Safeera, T. A., Reshmi, R. & Anila, E. I. (2015). Nanostructured zinc oxide thin film by simple vapor transport deposition. [Superlattices and Microstructures](#), 85, 379-384.
- 115 Chin-Chan, M., Segovia, J., Quintanar, L., Arcos-Lopez, T., Hersh, L. B., Chow, K. M., Rodgers, D. W. & Quintanilla-Vega, B. (2015). Mercury Reduces the Enzymatic Activity of Nephilysin in Differentiated Sh-Sy5y Cells. [Toxicological Sciences](#), 145(1), 128-137.
- 116 Jimenez-Garza, O., Baccarelli, A. A., Byun, H. M., Marquez-Gamino, S., Barron-Vivanco, B. S. & Albores, A. (2015). CYP2E1 epigenetic regulation in chronic, low-level toluene exposure: Relationship with oxidative stress and smoking habit. [Toxicology and Applied Pharmacology](#), 286(3), 207-215.

117 Cervantes-Salazar, M., Angel-Ambrocio, A. H., Soto-Acosta, R., Bautista-Carbajal, P., Hurtado-Monzon, A. M., Alcaraz-Estrada, S. L., Ludert, J. E. & Del Angel, R. M. (2015). Dengue virus NS1 protein interacts with the ribosomal protein RPL18: This interaction is required for viral translation and replication in Huh-7 cells. [Virology](#), 484, 113-126.

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

118 Campos-Gonzalez, E., Guillen-Cervantes, A., Santoyo-Salazar, J. et al. (2015). Growth of CdO films from CdO₂ films by chemical bath deposition: influence of the concentration of cadmium precursor. [Superficies y Vacío](#), 28(1), 25-29.

119 Ibanez, F., Baltazar, A., Mijarez, R. & Aranda, J. (2015). Detection of Structural Damage in Multiwire Cables by Monitoring the Entropy Evolution of Wavelet Coefficients. [AIP Conference Proceedings](#), 1650, 1440-1447.

120 Rojas, E. & Baltazar, A. (2015). Structural Health Monitoring Method Based on the Entropy of an Ultrasonic Sensor Network for a Plate-Like Structure. [AIP Conference Proceedings](#), 1650, 1667-1676.

121 Trane, G., Mijarez, R., Guevara, R. & Baltazar, A. (2015). Pzt Guided Waves Sensor Permanently Attached on Multi-Wire Awg12 Cables Used as Communication Medium. [AIP Conference Proceedings](#), 1650, 631-639.

122 Yam-Puc, J. C., Garcia-Cordero, J., Calderon-Amador, J., Donis-Maturano, L., Cedillo-Barron, L. & Flores-Romo, L. (2015). Germinal Center Reaction Following Cutaneous Dengue Virus Infection in Immune-Competent Mice. [Frontiers in Immunology](#), 6, 188.

123 Martinez-Lopez, A. G., Cerdeira, A., Tinoco, J. C., Alvarado, J., Padron, W. Y., Mendoza, C. & Raskin, J. P. (2015). Rf Modeling of 40-Nm Soi Triple-Gate Finfet. [International Journal of Numerical Modelling-Electronic Networks Devices and Fields](#), 28(4), 465-478.

124 Cruz-Gandarilla, F., Salcedo-Garrido, A. M., Avalos, M., Bolmaro, R., Baudin, T., Cabanas-Moreno, J. G. & Dorantes-Rosales, H. J. (2015). Ebsd Characterization of an if Steel Processed by Accumulative Roll Bonding. [Iop Conference Series-Materials Science and Engineering](#), 82, 012077.

125 Diaz-Bautista, E. & Fernandez, D. J. (2015). Supersymmetric Harmonic Oscillator and Nonlinear Supercoherent States. [Journal of Physics-Conference Series](#), 597, 012031.

126 Fernandez, D. J. & Morales-Salgado, V. S. (2015). Factorization Method for the Truncated Harmonic Oscillator. [Journal of Physics-Conference Series](#), 597, 012035.

127 Adj, G., Menezes, A., Oliveira, T. & Rodriguez-Henriquez, F. (2015). Computing Discrete Logarithms in F-36.137 And F-36.163 Using Magma. [Lecture Notes in Computer Science](#), 9061, 3-22.

128 Garcia-Compean, H. & Manko, V. S. (2015). Are Known Maximal Extensions of the Kerr and Kerr-Newman Spacetimes Physically Meaningful and Analytic? [Progress of Theoretical and Experimental Physics](#), (4), 043E02.

129 Figueroa-Reina, T., Sanchez-Trujillo, D. J., Prias-Barragan, J. J., Ariza-Castolo, H., Pulzara, A. & Lopez-Lopez, M. (2015). Estudio del tiempo caracteristico de llenado de trampas en GaAs y en puntos cuanticos de InAs por medio del analisis de espectros de fotorreflectancia. [Superficies y Vacio](#), 28(1), 1-4.

130 Ibarra-Villegas, F. J., Ortega-Cisneros, S., Moreno-Villalobos, P., Sandoval-Ibarra, F., Del Valle-Padilla, J. L. & Raygoza-Panduro, J. J. (2015). Analysis of MEMS structures to identify their frequency response oriented to acoustic applications. [Superficies y Vacio](#), 28(1), 12-17.

12

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

131 Torres-Hernandez, M., Lopez-Garcia, S., Pedroza-Escobar, D. & Escamilla-Tilch, M. (2015). El papel de la alexitimia como factor psicomatico en la psoriasis. [Revista Medica Del Instituto Mexicano Del Seguro Social](#), 53(3), 268-272.

132 Montecillos-Puente, M. A., Flores-Villavicencio, L. L., Barbosa-Sabanero, G., Meza, I. & Sabanero-Lopez, M. (2015). Forforilacion de macromoleculas y su participacion en procesos vitales. [Revista Naturaleza y Tecnologia](#), (6), 15-20.

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

133 Arroyo, R., Ochoa, T., Tai, J. H. & De La Garza, M. (2015). Iron and Parasites. [Biomed Research International](#), 2015, 291672.

134 Schnoor, M. (2015). E-Cadherin Is Important for the Maintenance of Intestinal Epithelial Homeostasis Under Basal and Inflammatory Conditions. [Digestive Diseases and Sciences](#), 60(4), 816-818.

135 Velumani, S. (2015). Editorial. [Materials Science in Semiconductor Processing](#), 37, 1-2.

136 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Observation of the Rare B-S(0)->Mu(+)Mu(-) Decay From the Combined Analysis of Cms and Lhcb Data. [Nature](#), 522(7554), 68-U146.

ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

137 Labastida, A., Hernandez-Abreu, O., Rubio-Beltran, E., Rivera-Mancilla, E., Daugherty, B., Lederman, S., Maassenvandenbrink, A. & Villalon, C. M. (2015). Pharmacological Profile of the Tachycardic and Vasopressor Responses Produced by (S)-Isometheptene and (R)-Isometheptene in Pithed Rats. [Cephalalgia](#), 35, 26.

138 Cruz, R., Solis-Garcia, D., Miranda-Sanchez, M. & Kouri, J. B. (2015). Synovitis and Changes in the Expression of Synoviocytes Markers Cd68 and Cd55, During the Progression of Osteoarthritis in a Rat Model. [Osteoarthritis and Cartilage](#), 23, A261.

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

139 Arroyo, R., Cardenas-Guerra, R. E., Figueroa-Angulo, E. E., Puente-Rivera, J., Zamudio-Prieto, O. & Ortega-Lopez, J. (2015). Trichomonas Vaginalis Cysteine Proteinases: Iron Response in Gene Expression and Proteolytic Activity. [Biomed Research International](#), 2015, 946787.

140 Reyes-Lopez, M., Pina-Vazquez, C. & Serrano-Luna, J. (2015). Transferrin: Endocytosis and Cell Signaling in Parasitic Protozoa. [Biomed Research International](#), 2015, 641392.

141 Ronceret, A. & Vielle-Calzada, J. P. (2015). Meiosis, Unreduced Gametes, and Parthenogenesis: Implications for Engineering Clonal Seed Formation in Crops. [Plant Reproduction](#), 28(2), 91-102.

142 Villa-Ruano, N., Pacheco-Hernandez, Y., Lozoya-Gloria, E., Castro-Juarez, C. J., Mosso-Gonzalez, C. & Ramirez-Garcia, S. A. (2015). Cytochrome P450 from plants: platforms for valuable phytopharmaceuticals. [Tropical Journal of Pharmaceutical Research](#), 14(4), 731-742.

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