

## ARTÍCULOS DEL MES DE JULIO DE 2017

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

1. Lacaze, J., Bourdie, J. & Castro-Roman, M. J. (2017). A 2-D nucleation-growth model of spheroidal graphite. [Acta Materialia](#), 134, 230-235.  
Rec #: 709
2. Bacelis-Martinez, R. D., Oskam, G., Gattorno, G. R. & Ruiz-Gomez, M. A. (2017). Inkjet Printing as High-Throughput Technique for the Fabrication of NiCo<sub>2</sub>O<sub>4</sub> Films. [Advances in Materials Science and Engineering](#), 2017, 9647458.  
Rec #: 711
3. Kravchenko, V. V., Navarro, L. J. & Torba, S. M. (2017). Representation of solutions to the one-dimensional Schrodinger equation in terms of Neumann series of Bessel functions. [Applied Mathematics and Computation](#), 314, 173-192.  
Rec #: 714
4. Abeysekara, A. U., Albert, A., Alfaro, R. et al. (2017). The 2hwc Hawc Observatory Gamma-Ray Catalog. [Astrophysical Journal](#), 843(1), 40.  
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5. Abeysekara, A. U., Albert, A., Alfaro, R. et al. (2017). Observation of the Crab Nebula With the Hawc Gamma-Ray Observatory. [Astrophysical Journal](#), 843(1), 39.  
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6. Alfaro, R., Alvarez, C., Alvarez, J. D. et al. (2017). Search for Very-High-Energy Emission From Gamma-Ray Bursts Using the First 18 Months of Data From the Hawc Gamma-Ray Observatory. [Astrophysical Journal](#), 843(2), 88.  
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7. Abeysekara, A. U., Albert, A., Alfaro, R. et al. (2017). Search for Very High-Energy Gamma Rays From the Northern Fermi Bubble Region With Hawc. [Astrophysical Journal](#), 842(2), 85.  
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8. Jimenez-Garduno, A. M., Mendoza-Rodriguez, M. G., Urrutia-Cabrera, D., Dominguez-Robles, M. C., Perez-Yopez, E. A., Ayala-Summano, J. T. & Meza, I. (2017). IL-1 Beta induced methylation of the estrogen receptor ER alpha gene correlates with EMT and chemoresistance in breast cancer cells. [Biochemical and Biophysical Research Communications](#), 490(3), 780-785.  
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9. Raya-Sandino, A., Castillo-Kauil, A., Dominguez-Calderon, A. et al. (2017). Zonula occludens-2 regulates Rho proteins activity and the development of epithelial cytoarchitecture and barrier function. [Biochimica Et Biophysica Acta-Molecular Cell Research](#), 1864(10), 1714-1733.  
Rec #: 721
10. Schaeffer, E., Lopez-Bayghen, B., Neumann, A., Porchia, L. M., Camacho, R., Garrido, E., Gomez, R., Camargo, F. & Lopez-Bayghen, E. (2017). Whole Genome Amplification of Day 3 or Day 5 Human Embryos Biopsies Provides a Suitable Dna Template for Pcr-Based Techniques for Genotyping, a Complement of Preimplantation Genetic Testing. [Biomed Research International](#), 2017, 1209158.  
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11. Colin-Lozano, B., Leon-Rivera, I., Chan-Bacab, M. J. et al. (2017). Synthesis, in vitro and in vivo giardicidal activity of nitrothiazole-NSAID chimeras displaying broad antiprotozoal spectrum. [Bioorganic & Medicinal Chemistry Letters](#), *27*(15), 3490-3494.  
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12. Castro-Magdonel, B. E., Orjuela, M., Camacho, J. et al. (2017). Mirnome Landscape Analysis Reveals a 30 Mirna Core in Retinoblastoma. [Bmc Cancer](#), *17*, 458.  
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13. Martin-Tovar, E., Castro-Rodriguez, R., Daza, L., Mendez-Gamboa, J., Medina-Esquivel, R., Perez-Quintana, I. & Iribarren, A. (2017). Structural and Optical Properties of ZnO Thin Films Prepared by Laser Ablation Using Target of ZnO Powder Mixture With Glue. [Bulletin of Materials Science](#), *40*(3), 467-471.  
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14. Mata-Cruz, I., Vargas-Caamal, A., Yanez-Soto, B., Lopez-Valdivieso, A., Merino, G. & Quintana, M. (2017). Mimicking Rose Petal Wettability by Chemical Modification of Graphene Films. [Carbon](#), *121*, 472-478.  
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15. Escalante-Garcia, J. I., Martinez-Aguilar, O. A. & Gomez-Zamorano, L. Y. (2017). Calcium sulphate anhydrite based composite binders; effect of Portland cement and four pozzolans on the hydration and strength. [Cement and Concrete Composites](#), *82*, 227-233.  
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16. Duque, F., Fabila-Monroy, R., Hidalgo-Toscano, C. & Perez-Lantero, P. (2017). Drawing the almost convex set in an integer grid of minimum size. [Computational Geometry-Theory and Applications](#), *65*, 1-11.  
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17. Carballosa, W., Fabila-Monroy, R., Leanos, J. & Rivera, L. M. (2017). Regularity and planarity of token graphs. [Discussiones Mathematicae Graph Theory](#), *37*(3 ), 573-586.  
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18. Lemus, Y. S. , Vielle-Calzada, J. P., Ritchie, M. G. & Garcia, C. M. (2017). Asymmetric Paternal Effect on Offspring Size Linked to Parent-of-Origin Expression of an Insulin-Like Growth Factor. [Ecology and Evolution](#), *7*(12), 4465-4474.  
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19. Vargas, C. C., Richmond, M. P., Lacleite, M. R. L. & Markow, T. A. (2017). Early Events in Speciation: Cryptic Species of *Drosophila Aldrichi*. [Ecology and Evolution](#), *7*(12), 4220-4228.  
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20. Godinez-Salomon, F., Rhodes, C. P., Suarez-Alcantara, K., Zhu, Q., Canton, S. E., Calderon, H. A., Reyes-Rodriguez, J. L., Leyva, M. A. & Solorza-Feria, O. ( 2017). Tuning the Oxygen Reduction Activity and Stability of Ni(OH)<sub>2</sub>@Pt/C Catalysts through Controlling Pt Surface Composition, Strain, and Electronic Structure. [Electrochimica Acta](#), *247*, 958-969.  
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21. Lara-Ceron, J. A., Jimenez-Perez, V. M., Molina-Paredes, A. A., Dias, H. V. R., Chavez-Reyes, A., Paudel, H. R., Ochoa, M. E. & Munoz-Flores, B. M. (2017). Luminescent Silk Fibroin With Organotin Compounds From Amino Acid Schiff Bases - Microwave-Assisted Synthesis, Chemo-Optical Characterization, Cytotoxicity, and Confocal Microscopy. [European Journal of Inorganic Chemistry](#), *(21)*, 2818-2827.  
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22. Obregon-Zuniga, A., Guerrero-Robles, M. & Juaristi, E. (2017). Chiral Imidazolium Ionic Liquids Derived From (S)-Prolinamine as Organocatalysts in the Asymmetric Michael Reaction and Michael-Aldol Cascade Reaction Under Solvent-Free Conditions. [European Journal of Organic Chemistry](#), (19), 2692-2697.  
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23. Chavanis, P. H. & Matos, T. (2017). Covariant Theory of Bose-Einstein Condensates in Curved Spacetimes With Electromagnetic Interactions: the Hydrodynamic Approach. [European Physical Journal Plus](#), 132(1), 30.  
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24. Cabrera-Licona, A., Solano-Gonzalez, E., Fonseca-Linan, R., Bazan-Tejeda, M. L., Arguello-Garcia, R., Bermudez-Cruz, R. M. & Ortega-Pierres, G. (2017). Expression and secretion of the Giardia duodenalis variant surface protein 9B10A by transfected trophozoites causes damage to epithelial cell monolayers mediated by protease activity. [Experimental Parasitology](#), 179, 49-64.  
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25. Luna-Antonio, B. I., Rodriguez-Munoz, R., Namorado-Tonix, C., Vergara, P., Segovia, J. & Reyes, J. L. (2017). Gas1 Expression in Parietal Cells of Bowman's Capsule in Experimental Diabetic Nephropathy. [Histochemistry and Cell Biology](#), 148(1), 33-47.  
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26. Wang, X., Pham, V. T., Jafari, S., Volos, C., Munoz-Pacheco, J. M. & Tlelo-Cuautle, E. (2017). A New Chaotic System With Stable Equilibrium: From Theoretical Model to Circuit Implementation. [Ieee Access](#), 5, 8851-8858.  
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27. Estrada-Vargas, A. P., Lopez-Mellado, E. & Lesage, J. J. (2017). A Black-Box Identification Method for Automated Discrete-Event Systems. [Ieee Transactions on Automation Science and Engineering](#), 14(3), 1321-1336.  
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28. Munoz-Vazquez, A. J., Parra-Vega, V. & Sanchez-Orta, A. (2017). Continuous Fractional Sliding Mode-Like Control for Exact Rejection of Non-Differentiable Holder Disturbances. [Ima Journal of Mathematical Control and Information](#), 34(2), 597-610.  
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29. Ruiz-De-La-Cruz, G., Aguirre-Mancilla, C. L., Godinez-Garrido, N. A., Osornio-Flores, N. M. & Torres-Castillo, J. A. (2017). Chitosan Mixed With Beneficial Fungal Conidia or Fungicide for Bean (Phaseolus Vulgaris L.) Seed Coating. [Interciencia](#), 42(5), 307-312.  
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30. Velazquez-Gauna, S. E., Soto-Dominguez, A., Quiroga-Garza, A., Reyes-Hernandez, C. G., Chavez-Reyes, A., Morales-Avalos, R., Montes-De-Oca-Luna, R., Guzman-Lopez, S. & Elizondo-Omana, R. E. (2017). Histomorphometric and Immunohistochemical Study of Early Adaptative Response of the Vascular Wall in a Termino-Terminal Microsurgical Model of Femoral Vessels in Wistar Rat. [International Journal of Morphology](#), 35(2), 479-487.  
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31. Munoz, F., Quesada, E. S. E., La, H. M., Salazar, S., Commuri, S. & Carrillo, L. R. G. (2017). Adaptive Consensus Algorithms for Real-Time Operation of Multi-Agent Systems Affected by Switching Network Events. [International Journal of Robust and Nonlinear Control](#), 27(9), 1566-1588.  
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32. Hernandez, R., Zaragoza, J. A. B., Jimenez-Perez, J. L., Orea, A. C. & Correa-Pacheco, Z. N. (2017). Study of Photosensitive Dry Films Absorption for Printed Circuit Boards by Photoacoustic Technique. [International Journal of Thermophysics](#), 38(8), 114.  
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33. Jimenez-Perez, J. L., Cruz-Orea, A., Pincel, P. V. & Correa-Pacheco, Z. N. (2017). Study of the Solidification Dynamic of a Photocurable Resin by Photoacoustic. [International Journal of Thermophysics](#), 38(8), 129.  
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34. Lara-Hernandez, G., Flores-Cuautle, J. J. A., Hernandez-Aguilar, C., Suaste-Gomez, E. & Cruz-Orea, A. (2017). Thermal Properties of Jojoba Oil between 20 Degrees C and 45 Degrees C. [International Journal of Thermophysics](#), 38(8), 115 .  
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35. Flores-Mendez, A., Gitler, I. & Reyes, E. (2017). Implosive Graphs: Square-Free Monomials on Symbolic Rees Algebras. [Journal of Algebra and Its Applications](#), 16(8), 1750145.  
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36. Sanchez-Arreguin, J. A., Hernandez-Onate, M. A., Leon-Ramirez, C. G. & Ruiz-Herrera, J. (2017). Transcriptional Analysis of the Adaptation of *Ustilago Maydis* During Growth Under Nitrogen Fixation Conditions. [Journal of Basic Microbiology](#), 57(7 ), 597-604.  
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37. De La Lanza-Espino, G., Silva, R., Hernandez-Pulido, S., Marino-Tapiat, I. & Enriquez, C. (2017). A Retrospective Analysis of Water Quality in an Open Bay on the Mexican Pacific. [Journal of Coastal Research](#), (SI 77), 39-50.  
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38. Obregon, S., Ruiz-Gomez, M. A. & Hernandez-Uresti, D. B. (2017). Direct evidence of the photocatalytic generation of reactive oxygen species (ROS) in a Bi<sub>2</sub>W<sub>2</sub>O<sub>9</sub> layered-structure. [Journal of Colloid and Interface Science](#), 506, 111-119.  
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39. Pavithradevi, S., Suriyanarayanan, N., Boobalan, T., Velumani, S., Chandramohan, M. & Raja, M. M. (2017). Synthesis and Characterization of Polyol-Assisted Nano Cu<sub>0.2</sub>ni<sub>0.2</sub>sn<sub>0.2</sub>ba<sub>0.4</sub> Fe<sub>2</sub>o<sub>4</sub> by a Wet Hydroxyl Route. [Journal of Electronic Materials](#), 46(8), 4835-4841.  
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40. Gonzalez-Ramirez, D. F., Avila-Perez, P., Torres-Bustillos, L. G., Aguilar-Lopez, R., Montes-Horcasitas, M. C., Esparza-Garcia, F. J. & Rodriguez-Vazquez, R. (2017). Removal of Phenanthrene in Aqueous Solution Containing Photon Competitors by Tio<sub>2</sub>-C-Ag Film Supported on Fiberglass. [Journal of Environmental Science and Health Part a-Toxic/Hazardous Substances & Environmental Engineering](#), 52(8), 742-749.  
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41. Villada, J. A., Sanchez-Sinencio, F., Zelaya-Angel, O., Gutierrez-Cortez, E. & Rodriguez-Garcia, M. E. (2017). Study of the morphological, structural, thermal, and pasting corn transformation during the traditional nixtamalization process: From corn to tortilla. [Journal of Food Engineering](#), 212, 242-251.  
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42. Chuang, P. C., Young, M. B., Dale, A. W., Miller, L. G., Herrera-Silveira, J. A. & Paytan, A. (2017). Methane Fluxes From Tropical Coastal Lagoons Surrounded by Mangroves, Yucatan, Mexico. [Journal of Geophysical Research-Biogeosciences](#), 122(5), 1156-1174.  
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43. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Measurement of Electroweak-Induced Production of W Gamma With Two Jets in Pp Collisions at Root S=8TeV and Constraints on Anomalous Quartic Gauge Couplings. [Journal of High Energy Physics](#), (6), 106.  
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44. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at root s = 8 TeV. [Journal of High Energy Physics](#), (7), 003 .  
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45. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for T(T)Over-Bar Resonances in Highly Boosted Lepton Plus Jets and Fully Hadronic Final States in Proton-Proton Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (7), 001 .  
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46. Luviano, D. & Yu, W. (2017). Continuous-Time Path Planning for Multi-Agents With Fuzzy Reinforcement Learning. [Journal of Intelligent & Fuzzy Systems](#), 33(1 ), 491-501.  
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47. Dominguez, G., Arias, S., Reyes, J. L. & Rogeli, P. (2017). Development of a Magnetic-Field Stimulation System for Cell Cultures in Situ: Simulation by Finite Element Analysis. [Journal of Magnetism](#), 22(2), 326-332.  
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48. Vazquez-Vergara, P., Rojas, A. M. T., Guevara-Pantoja, P. E., Poire, E. C. & Caballero-Robledo, G. A. (2017). Microfluidic Flow Spectrometer. [Journal of Micromechanics and Microengineering](#), 27(7 ), 1-10.  
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49. Lopez-Olmos, K., Markow, T. & Machado, C. (2017). Evolution of Gstd1 in Cactophilic Drosophila. [Journal of Molecular Evolution](#), 84(5-6), 285-294.  
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50. Orozco-Valencia, U., Gazquez, J. L. & Vela, A. (2017). Donation and Back-Donation Analyzed Through a Charge Transfer Model Based on Density Functional Theory. [Journal of Molecular Modeling](#), 23(7 ), 207.  
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52. Mariscal-Becerra, L., Carmona-Tellez, S., Arredondo-Martinez, G. V., Salas-Mariscal, S., Hernandez-Sanchez, J., Murrieta, H. & Falcony, C. (2017). Yttrium-europium oxide doped zinc phosphate glasses, a luminescence study. [Journal of Non-Crystalline Solids](#), 471, 268-273.  
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53. Luna, A. L., Dragoe, D., Wang, K. L. et al. (2017). Photocatalytic Hydrogen Evolution Using Ni-Pd/Tio2: Correlation of Light Absorption, Charge-Carrier Dynamics, and Quantum Efficiency. [Journal of Physical Chemistry C](#), 121(26), 14302-14311.  
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56. Lopez-Islas, M. E., Ibarra-Meza, I., Ortiz-Ordonez, E., Favari, L., Sedeno-Diaz, J. E. & Lopez-Lopez, E. (2017). Biological Responses of the American Coot (*Fulica Americana*), in Wetlands With Contrasting Environmental Conditions (Basin of Mexico). [Journal of Toxicology and Environmental Health-Part a-Current Issues](#), *80*(6), 349-364.  
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58. Aguilar-Trujillo, A. C., Okolodkov, Y. B., Herrera-Silveira, J. A., Merino-Virgilio, F. D. & Galicia-Garcia, C. (2017). Taxocoenosis of Epibenthic Dinoflagellates in the Coastal Waters of the Northern Yucatan Peninsula Before and After the Harmful Algal Bloom Event in 2011-2012. [Marine Pollution Bulletin](#), *119*(1), 396-406.  
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59. Gallardo-Heredia, M., Almanza-Robles, J. M., Magallanes-Rivera, R. X., Cortes-Hernandez, D. A., Escobedo-Bocardo, J. C. & Avila-Lopez, U. (2017). Calcium Sulfoaluminate Cement Pastes From Industrial Wastes: Effect of Hemihydrate Content. [Materials and Structures](#), *50*(1), 93.  
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61. Luis-Raya, G., Ramirez-Cardona, M., Luna-Barcenas, G., Hernandez-Landaverde, M. A., Jimenez-Nieto, A., Garcia-Rivas, J. L., Espana-Sanchez, B. L. & Sanchez, I. C. (2017). From Intermolecular Interactions to Texture in Polycrystalline Surfaces of 1, Omega - Alkanediols (Omega=10-13). [Molecules](#), *22*(6), 956.  
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62. Mendoza-Cruz, R., Bazan-Diaz, L., Velazquez-Salazar, J. J., Samaniego-Benitez, J. E., Ascencio-Aguirre, F. M., Herrera-Becerra, R., Jose-Yacaman, M. & Guisbiers, G. (2017). Order-Disorder Phase Transitions in Au-Cu Nanocubes: From Nano-Thermodynamics to Synthesis. [Nanoscale](#), *9*(27), 9267-9274.  
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65. Caamal-Fuentes, E., Robledo, D. & Freile-Pelegri, Y. (2017). Physicochemical Characterization and Biological Activities of Sulfated Polysaccharides From Cultivated Solieria Filiformis Rhodophyta. [Natural Product Communications](#), *12*(6), 803-806.  
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67. Vazquez, C. R., Gomez-Gutierrez, D. & Ramirez-Tevino, A. (2017). Observer synthesis for Linear Hybrid Systems with constrained discrete dynamics. [Nonlinear Analysis-Hybrid Systems](#), *26*, 254-273.  
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70. Carrasco-Torres, G., Monroy-Ramirez, H. C., Martinez-Guerra, A. A., Baltierrez-Hoyos, R., Romero-Tlalolini, M. D., Villa-Trevino, S., Sanchez-Chino, X. & Vasquez-Garzon, V. R. (2017). Quercetin Reverses Rat Liver Preneoplastic Lesions Induced by Chemical Carcinogenesis. [Oxidative Medicine and Cellular Longevity](#), *2017*, 4674918.  
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76. Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2017). Measurement of the Mass Difference Between Top Quark and Antiquark in Pp Collisions at Root S=8 Tev. [Physics Letters B, 770](#), 50-71.  
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79. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Search for Heavy Gauge W ' Bosons in Events With an Energetic Lepton and Large Missing Transverse Momentum at Root S=13tev. [Physics Letters B, 770](#), 278-301.  
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80. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Suppression of Gamma(1s), Gamma(2s), and Gamma(3s) Quarkonium States in Pbbp Collisions at Root S-Nn=2.76tev. [Physics Letters B, 770](#), 357-379.  
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