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## ARTÍCULOS PUBLICADOS DURANTE EL MES DE ABRIL DE 2021

### PUBLICADOS EN EXTENSO EN REVISTAS DE PRESTIGIO INTERNACIONAL CON ARBITRAJE Estricto (INCLUIDAS EN JCR)

1. Silva-Juarez, A., Tlelo-Cuautle, E., De La Fraga, L. G., & Li, R. (2021). Optimization of the Kaplan-Yorke Dimension in Fractional-Order Chaotic Oscillators by Metaheuristics. [Applied Mathematics and Computation](#), 394, 125831.
2. Alfaro, C. A., & Villagran, R. R. (2021). The Structure of Sandpile Groups of Outerplanar Graphs. [Applied Mathematics and Computation](#), 395, 125861.
3. Martinez-Aguilar, K., Hernandez-Chavez, J. L., & Alvarez-Venegas, R. (2021). Priming of seeds with INA and its transgenerational effect in common bean (*Phaseolus vulgaris* L.) plants. [Plant Science](#), 305, 110834.
4. Randazzo-Eisemann, A., Arias-Gonzalez, J. E., Velez, L., McField, M., & Mouillot, D. (2021). The last hotspots of structural complexity as conservation targets in the Mesoamerican Coral Reef. [Biological Conservation](#), 256, 109021.
5. Rendon-Angeles, J. C., Quinones-Gurrola, J. R., Lopez-Cuevas, J., Gonzalez, L. A., Matamoros-Veloza, Z. et al. (2021). Rapid One-Pot Hydrothermal Reaction for Preparing BaCu<sub>2</sub>Si<sub>2</sub>O<sub>7</sub> Fine Particles With Controlled Blue Colour Tonality. [Ceramics International](#), 47(7), 9354-9365.
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7. Gamboa-Loira, B., Cebrian, M. E., & Lopez-Carrillo, L. (2021). Physical activity, body mass index and arsenic metabolism among Mexican women. [Environmental Research](#), 195, 110869.
8. Martinez-Saucedo, G., Torres-Delgado, G., Marquez-Marin, J., Zelaya-Angel, O., & Castanedo-Perez, R. (2021). Copper Oxide and Tin Oxide Amorphous-Thin-Film Heterojunction Diodes Obtained Via Solution-Based Techniques With Increased Rectification After Rapid Thermal Annealing Treatments. [Journal of Alloys and Compounds](#), 859, 157790.
9. Casallas-Moreno, Y. L., Ramirez-Lopez, M., Villa-Martinez, G., Martinez-Lopez, A. L., Macias, M., Cruz-Orea, A., De La Cruz, G. G., Tomas, S. A., Rodriguez-Fragoso, P., Herrera-Perez, J. L., & Mendoza-Alvarez, J. G. (2021). Effect of the Sb Content and the N- and P - Gasb(100) Substrates on the Physical and Chemical Properties of Insbxas<sub>1-X</sub> Alloys for Mid-Infrared Applications: Analysis of Surface, Bulk and Interface. [Journal of Alloys and Compounds](#), 861, 157936.
10. Gomez-Flores, W., & Sossa, H. (2021). Smooth dendrite morphological neurons. [Neural Networks](#), 136, 40-53.
11. Acharya, S., Adamová, D., Adler, A., Adolfsson, J., Aggarwal, M. M. et al. (2021). First measurement of quarkonium polarization in nuclear collisions at the LHC. [Physics Letters B](#), 815, 136146.

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1. Kravchenko, V. V., Moreira, P. E., & Porter, R. M. (2021). Complete Systems of Beltrami Fields Using Complex Quaternions and Transmutation Theory. [Advances in Applied Clifford Algebras](#), 31(3), 31.
2. De Obaldia, E. I., Alcantar-Pena, J. J., Wittel, F. P., Veyan, J. F., Gallardo-Hernandez, S., Koudriavtsev, Y., Berman-Mendoza, D., & Auciello, O. (2021). Study of Atomic Hydrogen Concentration in Grain Boundaries of Polycrystalline Diamond Thin Films. [Applied Sciences-Basel](#), 11(9), 3990.
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5. Aguilar, Y., Bautista, F., Quintana, P., Aguilar, D., Trejo-Tzab, R., Goguitchaichvili, A., & Chan-Te, R. (2021). Color as a New Proxy Technique for the Identification of Road Dust Samples Contaminated With Potentially Toxic Elements: the Case of Merida, Yucatan, Mexico. [Atmosphere](#), 12(4), 483.
6. Perez-Torres, C. A., Ibarra-Laclette, E., Hernandez-Dominguez, E. E., Rodriguez-Haas, B., Perez-Lira, A. J. et al. (2021). Molecular Evidence of the Avocado Defense Response to *Fusarium Kuroshium* Infection: a Deep Transcriptome [Analysis Using Rna-Seq. PeerJ](#), 9, 11215.
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11. Sirunyan, A. M., Tumasyan, A., Adam, W., Ambrogio, F., Bergauer, T. et al. (2021). Development and Validation of Herwig 7 Tunes From Cms Underlying-Event Measurements. [European Physical Journal C](#), 81(4), 312.
12. Sirunyan, A. M., Tumasyan, A., Adam, W., Bergauer, T., Dragicevic, M. et al. (2021). Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at root s = 13 TeV. [European Physical Journal C](#), 81(4), 378.
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14. Sirunyan, A. M., Tumasyan, A., Adam, W., Ambrogio, F., Asilar, E. et al. (2021). Search for Dark Matter Produced in Association With Avleptonically Decaying Z Boson in Proton-Proton Collisions at Root S = 13 Tev (Vol 81, 13, 2021). [European Physical Journal C](#), 81(4), 333.

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19. Marsal, L. F., Escobosa, A., Iniguez, B., & Guarin, F. (2021). Foreword Special Issue on the 2nd Latin American Electron Device Conference. *Ieee Journal of the Electron Devices Society*, 9, 447-449.
20. Lam-Gutierrez, A., Winkler, R., Garrido-Ramirez, E. R., Rincon-Rosales, R., Gutierrez-Miceli, F. A., Pena-Ocana, B. A., Guzman-Albores, J. M., & Ruiz-Valdiviezo, V. M. (2021). Antifungal Activity of Root Extracts from *Baccharis salicina* on Germination of Uredospores of *Hemileia vastatrix*. *International Journal of Agriculture and Biology*, 25(5), 1075-1084.
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23. Chao-Mujica, F. J., Garcia-Hernandez, L., Camacho-Lopez, S., Camacho-Lopez, M., Camacho-Lopez, M. A. et al. (2021). Carbon Quantum Dots by Submerged Arc Discharge in Water: Synthesis, Characterization, and Mechanism of Formation. *Journal of Applied Physics*, 129(16), 163301.
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