

ARTÍCULOS PUBLICADOS DURANTE EL MES DE FEBRERO DE 2021

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

1. López-Hidalgo, A. M., Magana, G., Rodriguez, F., De Leon-Rodriguez, A., & Sanchez, A. (2021). Co-Production of Ethanol-Hydrogen by Genetically Engineered Escherichia Coli in Sustainable Biorefineries for Lignocellulosic Ethanol Production. [Chemical Engineering Journal](#), 406, 126829.
2. Sanchez-Portillo, P., Hernandez-Sirio, A., Godoy-Alcantar, C., Lacroix, P. G., Agarwal, V., Santillan, R., & Barba, V. (2021). Colorimetric Metal Ion (Ii) Sensors Based on Imine Boronic Esters Functionalized With Pyridine. [Dyes and Pigments](#), 186, 108991.
3. Jafari, R., Yu, W., Razvarz, S., & Gegov, A. (2021). Numerical Methods for Solving Fuzzy Equations: a Survey. [Fuzzy Sets and Systems](#), 404(Si), 1-22.
4. Ahrari, A., Elsayed, S., Sarker, R., Essam, D., & Coello, C. A. C. (2021). Weighted Pointwise Prediction Method for Dynamic Multiobjective Optimization. [Information Sciences](#), 546, 349-367
5. Colina-Ruiz, R. A., Hoy-Benitez, J. A., Lezama-Pacheco, J. S., De Leon, J. M., & Espinosa-Faller, F. J. (2021). Local Atomic Structure and Ni Nanophase Segregation in Zn1-Xnixs Thin Films. [Journal of Alloys and Compounds](#), 854, 157258.
6. Felix-Quintero, H., Falcony, C., Mariscal-Becerra, L., Mejia-Uriarte, E. V., Hernandez, A. J., Camarillo, E., Flores, C., & Murrieta, S. H. (2021). Mn2+-Yb3+ Back and Forth Energy Transfer by Super-Exchange Interaction in Bismuth Silicate Glass. [Journal of Luminescence](#), 230, 117733.
7. Campos-Gonzalez, E., Melendez-Lira, M., Arias-Ceron, J. S., Lozada-Morales, R., Mendoza-Alvarez, J. G., Melendez-Zamudio, M., Fernandez-Munoz, J. L., & Zelaya-Angel, O. (2021). White Photoluminescence Emission Using Cds + Cdco3 Composite Thin Films. [Journal of Luminescence](#), 230, 117673.
8. Hernandez-Sanchez, A., Poznyak, A., Chairez, I., & Andrianova, O. (2021). Robust 3-D Autonomous Navigation of Submersible Ship Using Averaged Sub-Gradient Version of Integral Sliding Mode. [Mechanical Systems and Signal Processing](#), 149, 107169.
9. Galindo-Valdes, J. S., Cortes-Hernandez, D. A., Ortiz-Cuellar, J. C., De La O-Baquera, E., Escobedo-Bocardo, J. C., & Acevedo-Davila, J. L. (2021). Laser Deposition of Bioactive Coatings by in Situ Synthesis of Pseudowollastonite on Ti6al4v Alloy. [Optics and Laser Technology](#), 134, 106586.
10. Orozco-Lugo, A. G., Lara, M., Sandoval-Curmina, V., & Galvan-Tejada, G. M. (2021). Offered Load Estimation in Random Access Multipacket Perception Systems Using the Expectation-Maximization Algorithm. [Signal Processing](#), 179, 107827.
11. Concha, A., Alvarez-Icaza, L., & Garrido, R. (2021). Simultaneous Parameter and State Estimation of Shear Buildings (Vol 70, Pg 788, 2016). [Mechanical Systems and Signal Processing](#), 149, 107288.
12. Cordoba-Aguilar, A., Ibarra-Cerdena, C. N., Castro-Arellano, I., & Suzan, G. (2021). Tackling Zoonoses in a Crowded World: Lessons to Be Learned From the Covid-19 Pandemic. [Acta Tropica](#), 214, 105780.
13. Espinoza-Perez, L. J., Lopez-Honorato, E., Gonzalez, L. A., & Garcia-Montalvo, V. (2021). Comparative Study of Three Yttrium Organometallic Compounds for the Stabilization of the Cubic Phase in Ysz Deposited by Pe-Cvd. [Ceramics International](#), 47(4), 4611-4624.

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15. De Anda, J., Huerta, E. F., Balderas, J. U., Righini, G. C., & Falcony, C. (2021). The Effect of Li⁺ Incorporation in Yb³⁺-Nd³⁺ Co-Doped CaF₂ Phosphors Over the NIR Photoluminescence Emission Excited Under Visible Light. [Ceramics International](#), 47(4), 4694-4701
16. Asiain, E., & Garrido, R. (2021). Anti-Chaos Control of a Servo System Using Nonlinear Model Reference Adaptive Control. [Chaos Solitons & Fractals](#), 143, 110581.
17. Xu, C. Q., Wang, J. L., Zhang, J., & Li, X. O. (2021). Anomaly Detection of Power Consumption in Yarn Spinning Using Transfer Learning. [Computers & Industrial Engineering](#), 152, 107015.
18. Arguelles-Jimenez, J., Rodriguez-Zaragoza, F. A., Gonzalez-Gandara, C., Alva-Basurto, J. C., Arias-Gonzalez, J. E. et al. (2021). Functional Developmental States of the Greater Caribbean Coral Reefs. [Ecological Indicators](#), 121, 107170.
19. Lin, Q. Z., Lin, W., Zhu, Z. X., Gong, M. G., Li, J. Q., & Coello, C. A. C. (2021). Multimodal Multiobjective Evolutionary Optimization With Dual Clustering in Decision and Objective Spaces. [Ieee Transactions on Evolutionary Computation](#), 25(1), 130-144.
20. Yam-Puc, J. C., Zhang, L. L., Maqueda-Alfaro, R. A., Garcia-Ibanez, L., Zhang, Y. et al. (2021). Enhanced Bcr Signaling Inflicts Early Plasmablast and Germinal Center B Cell Death. [Iscience](#), 24(2), 102038.
21. Estrada, E., Yu, W., & Li, X. (2021). Stable bilateral teleoperation with phase transition and haptic feedback. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 358(3), 1940-1956.
22. Rodriguez-Garcia, M. A., Sanchez-Oro, J., Rodriguez-Tello, E., Monfroy, E., & Duarte, A. (2021). Two-Dimensional Bandwidth Minimization Problem: Exact and Heuristic Approaches. [Knowledge-Based Systems](#), 214, 106651.
23. Lin, W., Lin, Q., Ji, J., Zhu, Z., Coello-Coello, C. A., & Wong, K.-C. (2021). Decomposition-Based Multiobjective Optimization With Bicriteria Assisted Adaptive Operator Selection. [Swarm and Evolutionary Computation](#), 60, 100790.
24. Gonzalez-Valencia, R., Magana-Rodriguez, F., Martinez-Cruz, K., Fochesatto, G. J., & Thalasso, F. (2021). Spatial and Temporal Distribution of Methane Emissions From a Covered Landfill Equipped With a Gas Recollection System. [Waste Management](#), 121, 373-382.
25. Carrillo-Najar, C., Rembao-Bojorquez, D., Tena-Suck, M. L., Zavala-Vega, S., Gelista-Herrera, N. et al. (2021). Comparative Proteomic Study Shows the Expression of Hint-1 in Pituitary Adenomas. [Diagnostics](#), 11(2), 330.
26. Guzman-Herrera, E., & Breton, N. (2021). Euler-Heisenberg Waves Propagating in a Magnetic Background. [European Physical Journal C](#), 81(2), 115.
27. Parra-Paz, V. G., Calderon-Sauri, A., Granados-Patron, D., Cuevas-Carbonell, S. G., Garcia-Lopez, D. et al. (2021). Chronic Feeding With 3% Dried Raw Blueberries (*V. Corymbosum*) Reduces Apomorphine-Induced Rotations and Striatal Dopaminergic Loss in Hemiparkinsonian Rats. [Food Research International](#), 140, 110066.
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29. Arce-Rodriguez, M. L., Martinez, O., & Ochoa-Alejo, N. (2021). Genome-Wide Identification and Analysis of the Myb Transcription Factor Gene Family in Chili Pepper (*Capsicum* Spp.). [International Journal of Molecular Sciences](#), 22(5), 2229.

30. Perez, S., Munoz-Sadana, J., Acelas, N., & Florez, E. (2021). Phosphate Removal From Aqueous Solutions by Heat Treatment of Eggshell and Palm Fiber. [Journal of Environmental Chemical Engineering](#), 9(1), 104684.
31. Acharya, S., Acosta, F. T., Adam, J., Adamova, D., Adler, A. et al. (2021). Centrality Dependence of J/Psi and Psi(2s) Production and Nuclear Modification in P-Pb Collisions at $\sqrt{s_{NN}}=8.16$ TeV. [Journal of High Energy Physics](#), (2), 2.
32. Fortuna, F., Roig, P., & Wudka, J. (2021). Effective Field Theory Analysis of Dark Matter-Standard Model Interactions With Spin One Mediators. [Journal of High Energy Physics](#), (2), 223.
33. Clempner, J. B., & Poznyak, A. S. (2021). Analytical Method for Mechanism Design in Partially Observable Markov Games. [Mathematics](#), 9(4), 321.
34. Ruiz-Tamayo, J., Vazquez-Lopez, J. A., Ruelas-Santoyo, E. A., Hernandez-Lopez, A., Lopez-Juarez, I., & Rios-Lira, A. J. (2021). Multivariate Pattern Recognition in Mspc Using Bayesian Inference. [Mathematics](#), 9(4), 306.
35. Ibarra-Nuno, C., Rodriguez, A., Alejo-Reyes, A., Cuevas, E., Ramirez, J. M., Rosas-Caro, J. C., & Robles-Campos, H. R. (2021). Optimal Operation of the Voltage-Doubler Boost Converter Through an Evolutionary Algorithm. [Mathematics](#), 9(4), 423.
36. Chinas-Sanchez, P., Lopez-Juarez, I., Vazquez-Lopez, J. A., Navarro-Gonzalez, J. L., & Hernandez-Lopez, A. (2021). Out-of-Control Multivariate Patterns Recognition Using D-2 and Svm: a Study Case for Gmaw. [Mathematics](#), 9(5), 467.
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38. Mendoza-Galvan, A., Mendez-Lara, J. G., Mauricio-Sanchez, R. A., Jarrendahl, K., & Arwin, H. (2021). Effective Absorption Coefficient and Effective Thickness in Attenuated Total Reflection Spectroscopy. [Optics Letters](#), 46(4), 872-875.
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40. Venzor, J., Perez-Lorenzana, A., & De-Santiago, J. (2021). Bounds on Neutrino-Scalar Nonstandard Interactions From Big Bang Nucleosynthesis. [Physical Review D](#), 103(4), 043534.
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43. Acharya, S., Adamova, D., Adler, A., Adolfsson, J., Aggarwal, M. M. et al. (2021). Transverse-Momentum and Event-Shape Dependence of D-Meson Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. [Physics Letters B](#), 813, 136054.
44. Pacheco-Hernandez, Y., Villa-Ruano, N., Lozoya-Gloria, E., Barrales-Cortes, C. A., Jimenez-Montejo, F. E., & Cruz-Lopez, M. D. (2021). Influence of Environmental Factors on the Genetic and Chemical Diversity of Brickellia Veronicifolia Populations Growing in Fragmented Shrublands From Mexico. [Plants-Basel](#), 10(2), 325.
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