

2023

RANKING SEGUNDO SEMESTRE



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2º SEMESTRE 2023

LISTADO DE ARTÍCULOS EPS

N.º de publicaciones totales: 75

N.º de artículos: 72

Nº de cap. de libros:3

1. Abdullah, J.A.A., Benítez, J.J., Guerrero, A., Romero, A. (2023). Sustainable Integration of Zinc Oxide Nanoparticles: Enhancing Properties of Poly(ϵ -Caprolactone) Electrospun Nanofibers and Cast Films. *Coatings*, 13 (10), art. no. 1665. DOI: 10.3390/coatings13101665
2. Abdullah, J.A.A., Díaz-García, Á., Law, J.Y., Romero, A., Franco, V., Guerrero, A. (2023). Sustainable Nanomagnetism: Investigating the Influence of Green Synthesis and pH on Iron Oxide Nanoparticles for Enhanced Biomedical Applications. *Polymers*, 15 (18), art. no. 3850. DOI: 10.3390/polym15183850
3. Abdullah, J.A.A., Díaz-García, Á., Law, J.Y., Romero, A., Franco, V., Guerrero, A. (2023). Quantifying the Structure and Properties of Nanomagnetic Iron Oxide Particles for Enhanced Functionality through Chemical Synthesis. *Nanomaterials*, 13 (15), art. no. 2242. DOI: 10.3390/nano13152242
4. Abdullah, J.A.A., Perez-Puyana, V., Guerrero, A., Romero, A. (2023). Novel hybrid electrospun poly(ϵ -caprolactone) nanofibers containing green and chemical magnetic iron oxide nanoparticles. *Journal of Applied Polymer Science*, 140 (32), art. no. e54345. DOI: 10.1002/app.54345
5. Agote-Garrido, A., Martín-Gómez, A., Lama-Ruiz, J.-R. (2023). Industry 5.0 values. A bibliometric values. A bibliometric analysis of the new industrial from the social approach. *Dyna* (Spain), 98 (5). DOI: 10.6036/10834
6. Alonso-González, M., Castro-Criado, D., Felix, M., & Romero, A. (2023). Evaluation of rice bran varieties and heat treatment for the development of protein/starch-based bioplastics via injection molding. *International Journal of Biological Macromolecules*, 253, 127503. DOI: 10.1016/J.IJBIOMAC.2023.127503
7. Alsadat-Seyedbokaei, F., Felix, M., Bengoechea, C. (2023). Zein as a Basis of Recyclable Injection Moulded Materials: Effect of Formulation and Processing Conditions. *Polymers*, 15 (18), art. no. 3841. DOI: 10.3390/polym15183841
8. Altable, M., de la Serna, J.M., Akram, M. (2023). Comorbidity in Opioid Addiction: A Brief Review. *Journal of Drug and Alcohol Research*, 12 (3), art. no. 236233. DOI: 10.4303/JDAR/236233

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10. Álvarez, R., Regodon, G., Acosta-Rivera, H., Rico, V., Alcalá, G., González-Elipe, A.R., Palmero, A. (2023). Structure and Void Connectivity in Nanocolumnar Thin Films Grown by Magnetron Sputtering at Oblique Angles. *Coatings*, 13 (6), art. no. 991. DOI: 10.3390/coatings13060991
11. Álvarez-Castillo, E., Guerrero, P., de la Caba, K., Bengoechea, C., Guerrero, A. (2023) Biorefinery concept in the meat industry: From slaughterhouse biowastes to superabsorbent materials. *Chemical Engineering Journal*, 471, art. no. 144564. DOI: 10.1016/j.cej.2023.144564
12. Álvarez-Castillo, E., Oliveira, S., Bengoechea, C., Sousa, I., Raymundo, A., Guerrero, A. (2023). A Circular Economy Approach in the Development of Superabsorbent Polymeric Matrices: Evaluation of the Mineral Retention. *Sustainability (Switzerland)*, 15 (15), art. no. 12088. DOI: 10.3390/su151512088
13. Álvarez-Castillo, E., Santana, I., Gómez, J., Bengoechea, C., Guerrero, A. (2023). Effect of citric acid on porcine plasma protein bioplastics processed through injection moulding. *Reactive and Functional Polymers*, 192, art. no. 105709. DOI: 10.1016/j.reactfunctpolym.2023.105709
14. Baştan, F. E., Şen, B.I, Özgenç, Ş., Beltrán, A. M., Boccaccini, A. R. (2023). Growth of hydroxyapatite plate-like nanoparticles by additive free precipitation for the deposition of aligned coatings. *Ceramics International*. Volume 49, Issue 15, 2023, 25396-25404. DOI: 10.1016/j.ceramint.2023.05.077
15. Ben Amor, A., Arenas, M., Martín, J., Ouakouak, A., Santos, J.L., Aparicio, I., Alonso, E., Hamdi, N. (2023) Alginate/geopolymer hybrid beads as an innovative adsorbent applied to the removal of 5-fluorouracil from contaminated environmental water. *Chemosphere*, 335, art. no. 139092. DOI: 10.1016/j.chemosphere.2023.139092
16. Bengoechea, C., Álvarez-Castillo, E., Manuel Aguilar, J., & Guerrero, A. (2023). Basic concepts of bulk rheology in food emulsions. In W.-F. Lai (Ed.), *Materials Science and Engineering in Food Product Development* (pp. 41–56). Wiley. ISBN: 9781119860358/ 9781119860594. DOI: 10.1002/9781119860594.ch3
17. Bengoechea, C., Batista, A. P., Álvarez-Castillo, E., Guerrero, A., Gontard, N., & Angellier-Coussy, H. (2023). Biocomposites from porcine plasma protein and urban parks and gardens green waste. *Industrial Crops and Products*, 198. DOI: 10.1016/j.indcrop.2023.116714
18. Birdsong, B.K., Hoogendoorn, B.W., Nilsson, F., Andersson, R.L., Capezza, A.J., Hedenqvist, M.S., Farris, S., Guerrero, A., Olsson, R.T. (2023). Large-scale synthesis of 2D-silica (SiO_x) nanosheets using graphene oxide (GO) as a template material. *Nanoscale*, 15 (31), pp. 13037-13048. DOI: 10.1039/d3nr01048a
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21. Campos-Olivares, D., Carrasco-Muñoz, A., Mazzoleni, M., Ferramosca, A., Luque-Sendra, A. (2023). Screening of machine learning techniques on predictive maintenance: a scoping review. *Dyna* (Spain), DYNA-ACELERADO. DOI: 10.6036/10950
22. Canas-Moreno, S., Piñero-Fuentes, E., Rios-Navarro, A. et al. (2023). Towards neuromorphic FPGA-based infrastructures for a robotic arm. *Autonomous Robot* 47, 947–96123. DOI: 10.1007/s10514-023-10111-x
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26. Carrera, C., Felix, M., López-Castejón, M. L., & Pizones, V. M. (2023). Understanding Interfacial Rheology in Food Emulsions. In W.-F. Lai (Ed.), *Materials Science and Engineering in Food Product Development* (pp. 57–72). Wiley. ISBN: 9781119860358/9781119860594. DOI: 10.1002/9781119860594.ch4
27. Chávez-Vásconez, R., Arévalo, C., Torres, Y., Reyes-Valenzuela, M., Saucedo, S., Salvo, C., Mangalaraja, R.V., Montealegre, I., Perez-Soriano, E.M., Lascano, S. (2023). Understanding the synergetic effects of mechanical milling and hot pressing on bimodal microstructure and tribo-mechanical behavior in porous Ti structures. *Journal of Materials Research and Technology*, 27, pp. 5243-5256. DOI: 10.1016/j.jmrt.2023.10.260
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33. Ferreira, L.M., Coelho, C.A.C.P., Reis, P.N.B. (2023). Numerical predictions of intralaminar and interlaminar damage in thin composite shells subjected to impact loads. *Thin-Walled Structures*, 192, art. no. 111148. DOI: 10.1016/j.tws.2023.111148
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38. Gómez-Regalado, M.C., Martín, J., Hidalgo, F., Santos, J.L., Aparicio, I., Alonso, E., Zafra-Gómez, A. (2023). Uptake and depuration of three common antibiotics in benthic organisms: Sea cucumber (*Holothuria tubulosa*), snakelocks anemone (*Anemonia sulcata*) and beadlet anemone (*Actinia equina*). *Environmental Research*, 232, 116082. DOI: 10.1016/j.envres.2023.116082.
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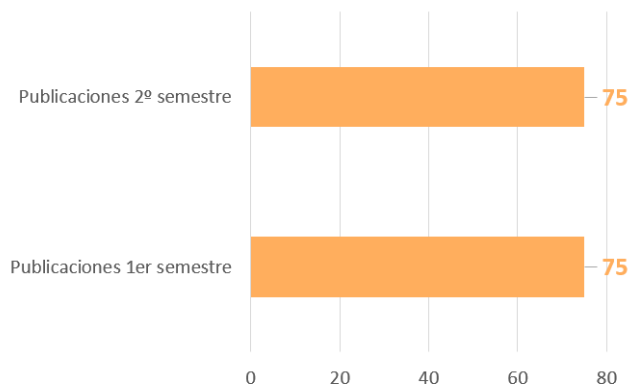
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2º SEMESTRE de 2023 EN CIFRAS

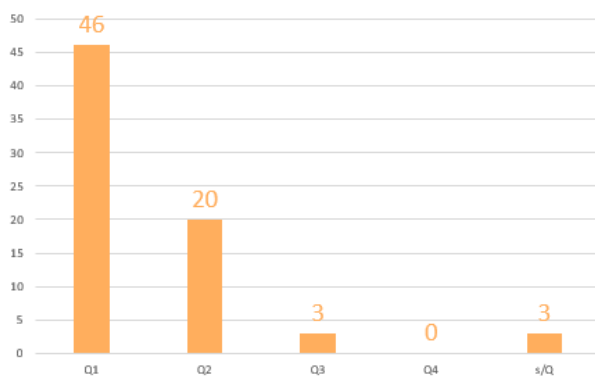
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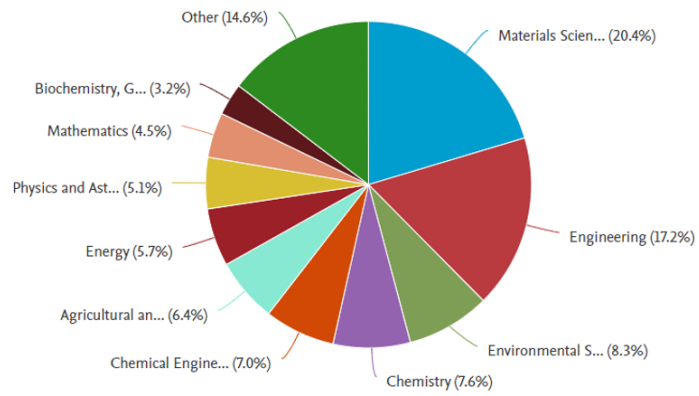
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72 artículos (3 s/Q) + 3 partes de libro =
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PUBLICACIONES POR MATERIAS

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