

2023

RANKING PRIMER SEMESTRE



Scopus®



PUBLICACIONES DE INVESTIGADORES EPS DURANTE EL PRIMER SEMESTRE 2023

N.º ÍTEMS PUBLICADOS 75

1. Abdullah, J. A. A., Jiménez-Rosado, M., Guerrero, A., & Romero, A. (2023). Effect of calcination temperature and time on the synthesis of iron oxide nanoparticles: Green vs. chemical method. *Materials*, 16(5). DOI:10.3390/ma16051798
2. Abdullah, J. A. A., Rosado, M. J., Guerrero, A., & Romero, A. (2023). Eco-friendly synthesis of ZnO-nanoparticles using phoenix dactylifera L., polyphenols: Physicochemical, microstructural, and functional assessment. *New Journal of Chemistry*, 47(9), 4409-4417. DOI:10.1039/d3nj00131h
3. Abdullah, J. A. A., Yemişken, E., Guerrero, A., & Romero, A. (2023). Marine collagen-based antibacterial film reinforced with graphene and iron oxide nanoparticles. *International Journal of Molecular Sciences*, 24(1). DOI:10.3390/ijms24010648
4. Aguilera-Velázquez, J. R., Calleja, A., Moreno, I., Bautista, J., & Alonso, E. (2023). Metal profiles and health risk assessment of the most consumed rice varieties in Spain. *Journal of Food Composition and Analysis*, 117. DOI: 10.1016/j.jfca.2022.105101
5. Álvarez-Castillo, E., Félix, M., Bengoechea, C. (2023) Assessment of a pedagogical model for STEM education: combining technology and collaborative tasks. *Afinidad*, vol. 80, 598. DOI: 10.55815/413456
6. Alcaide, A. M., Regodon, G., Ferrer, F. J., Rico, V., Alvarez, R., Rojas, T. C., González-Elipe, A.R., Palmero, A. (2023). Low temperature nucleation of thermochromic VO₂ crystal domains in nanocolumnar porous thin films. *Nanotechnology*, 34(25). DOI:10.1088/1361-6528/acc664

7. Arenas, M., Santos, J. L., Martín, J., Aparicio, I., & Alonso, E. (2023). Enantioselective LC-MS/MS determination of antidepressants, β -blockers and metabolites in agricultural soil, compost and digested sewage sludge. *Analytica Chimica Acta*, 1261. DOI: 10.1016/j.aca.2023.341224
8. Balestra, S. R. G., Martínez-Haya, B., Cruz-Hernández, N., Lewis, D. W., Woodley, S. M., Semino, R., Maurin, G., Ruiz-Salvador, A.R., Hamad, S. (2023). Nucleation of zeolitic imidazolate frameworks: From molecules to nanoparticles. *Nanoscale*, 15(7), 3504-3519. DOI: 10.1039/d2nr06521e
9. 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
10. Benítez, J. J., Ramírez-Pozo, M. C., Durán-Barrantes, M. M., Heredia, A., Tedeschi, G., Ceseracciu, L., Guzman-Puyol, S., Marrero-López, D., Becci, A., Amato, A., Heredia-Guerrero, J. A. (2023). Bio-based lacquers from industrially processed tomato pomace for sustainable metal food packaging. *Journal of Cleaner Production*, 386. DOI: 10.1016/j.jclepro.2022.135836
11. Cabrita, M., Simões, S., Álvarez-Castillo, E., Castelo-Branco, D., Tasso, A., Figueira, D., Guerrero, A., Raymundo, A. (2023). Development of innovative clean label emulsions stabilized by vegetable proteins. *International Journal of Food Science and Technology*, 58(1), 406-422. DOI: 10.1111/ijfs.15963
12. Cañamero, F. J., Buroni, F. C., Aliabadi, F. M. H., & Rodríguez-Tembleque, L. (2023). Piezoelectric performance of lead-free PDMS/CNT/BaTiO₃ piezocomposites with imperfect interphases and CNT agglomerations. *Smart Materials and Structures*, 32(3). DOI: 10.1088/1361-665X/acafb8
13. Carmona, J. A., Ramírez, P., Calero, N., & Muñoz, J. (2023). Effect of the welan gum concentration on the rheological and structural behaviour of biocomposite hydrogels with sepiolite as filler. *Polymers*, 15(1). DOI:10.3390/polym15010033
14. Carmona, V., Fernández-Sánchez, F., & Novaes, D. D. (2023). Uniform upper bound for the number of limit cycles of planar piecewise linear differential systems with two zones separated by a straight line. *Applied Mathematics Letters*, 137. DOI: 10.1016/j.aml.2022.108501

15. Carmona, V., Fernández-Sánchez, F., & Novaes, D. D. (2023). Uniqueness and stability of limit cycles in planar piecewise linear differential systems without sliding region. *Communications in Nonlinear Science and Numerical Simulation*, 123. DOI: 10.1016/j.cnsns.2023.107257

16. Carrascoso, F., Li, H., Obrero-Perez, J. M., Aparicio, F. J., Borrás, A., Island, J. O., Barranco, A., Castellanos-Gomez, A. (2023). Improved strain engineering of 2D materials by adamantane plasma polymer encapsulation. *Npj 2D Materials and Applications*, 7(1). DOI: 10.1038/s41699-023-00393-1

17. Carrera, C., Bengoechea, C., Carrillo, F., & Calero, N. (2023). Effect of deacetylation degree and molecular weight on surface properties of chitosan obtained from biowastes. *Food Hydrocolloids*, 137. DOI: 10.1016/j.foodhyd.2022.108383

18. Castro-Criado, D., Jiménez-Rosado, M., Perez-Puyana, V., Romero, A. (2023). Soy Protein Isolate as Emulsifier of Nanoemulsified Beverages: Rheological and Physical Evaluation. *Foods*, 12(3). DOI: 10.3390/foods12030507

19. Civantos, A., Mesa-Restrepo, A., Torres, Y., Shetty, Akshath R., Cheng, M.K., Jaramillo-Correa, C., Aditya, T., Allain, J.P. (2023) Nanotextured porous titanium scaffolds by argon ion irradiation: Toward conformal nanopatterning and improved implant osseointegration. *Journal of Biomedical Materials Research Part A*. DOI: 10.1002/jbm.a.37582

20. Cortés, E. A., Florez, J. M., & Morell, E. S. (2023). Ferroelectric response to interlayer shifting and rotations in trilayer hexagonal boron nitride. *Journal of Physics and Chemistry of Solids*, 173. DOI: 10.1016/j.jpcs.2022.111086

21. Cubero, D. (2023). Brillouin propagation modes of cold atoms undergoing sisyphus cooling. *Physical Review E*, 107(3). DOI: 10.1103/PhysRevE.107.034102

22. Cuevas-Maraver, J., Kevrekidis, P. G., & Zhang, H. -. (2023). Solitary wave billiards. *Physical Review E*, 107(3). DOI: 10.1103/PhysRevE.107.034217

23. Delgado-Pujol, E. J., Alcudia, A., Elhadad, A. A., Rodríguez-Albelo, L. M., Navarro, P., Begines, B., & Torres, Y. (2023). Porous beta titanium alloy coated with a therapeutic biopolymeric composite to improve tribomechanical and biofunctional balance. *Materials Chemistry and Physics*, 300. DOI: 10.1016/j.matchemphys.2023.127559

24. Díaz Gutiérrez, E., Maldonado Calvo, J. A., Gallardo Fuentes, J. M., & Paúl Escolano, A. (2023). Effect of pH hydrolysis on the recovery of antimony from spent electrolytes from copper production. *Materials*, 16(11). DOI: 10.3390/ma16113918
25. Duran, H., Cuevas-Maraver, J., Kevrekidis, P. G., & Vainchtein, A. (2023). Discrete breathers in a mechanical metamaterial. *Physical Review E*, 107(1). DOI: 10.1103/PhysRevE.107.014220
26. Escobar-Linero, E., Muñoz-Saavedra, L., Luna-Perejón, F., Sevillano, J.L., Domínguez Morales, M. (2023). Wearable Health Devices for Diagnosis Support: Evolution and Future Tendencies. *Sensors*, 23. DOI: 10.3390/s23031678
27. Esteban, M., Freire, E., Ponce, E., & Torres, F. (2023). Piecewise smooth systems with a pseudo-focus: A normal form approach. *Applied Mathematical Modelling*, 115, 886-897. DOI: 10.1016/j.apm.2022.08.006
28. Ferreira, L. M., Coelho, C. A. C. P., & Reis, P. N. B. (2023). Numerical simulations of the low-velocity impact response of semicylindrical woven composite shells. *Materials*, 16(9). DOI: 10.3390/ma16093442
29. García, S., Mora-Merchán, J. M., Larios, D. F., Personal, E., Parejo, A., & León, C. (2023). Phase topology identification in low-voltage distribution networks: A bayesian approach. *International Journal of Electrical Power and Energy Systems*, 144. DOI: 10.1016/j.ijepes.2022.108525
30. García-Cabezón, C., Godinho, V., Pérez-González, C., Torres, Y., & Martín-Pedrosa, F. (2023). Electropolymerized polypyrrole silvernanocomposite coatings on porous ti substrates with enhanced corrosion and antibacterial behavior for biomedical applications. *Materials Today Chemistry*, 29. DOI: 10.1016/j.mtchem.2023.10143336.
31. Ghemras, I., Montes, L., Lopez-Santos, C., González-Elipse, A. R., & Rico, V. (2023). Exalted dual-scale surface roughening in laser ablated aluminum capped with a transparent thin film: Wetting and anti-icing behavior. *Applied Surface Science*, 630. DOI: 10.1016/j.apsusc.2023.157357
32. Gómez-Regalado, M. del C., Espín-Moreno, L., Martín-Pozo, L., & Zafra-Gómez, A. (2023). Analytical method for the determination of usually prescribed antibiotics in human nails using UHPLC-MS/MS. comparison of the efficiency of two extraction techniques. *Talanta*, 262. DOI: 10.1016/j.talanta.2023.124687

33. Gómez-Regalado, M. del C., Martín, J., Hidalgo, F., Santos, J. L., Aparicio, I., Alonso, E., & Zafra-Gómez, A. (2023). Accumulation and metabolization of the antidepressant venlafaxine and its main metabolite o-desmethylvenlafaxine in non-target marine organisms holothuria tubulosa, anemonia sulcata and actinia equina. *Marine Pollution Bulletin*, 192. DOI: 10.1016/j.marpolbul.2023.115055
34. Gómez-Regalado, M. del C., Martín, J., Hidalgo, F., Santos, J. L., Aparicio, I., Alonso, E., & Zafra-Gómez, A. (2023). Bioconcentration of pharmaceuticals in benthic marine organisms (holothuria tubulosa, anemonia sulcata and actinia equina) exposed to environmental contamination by atenolol and carbamazepine. *Environmental Toxicology and Pharmacology*, 100. DOI: 10.1016/j.etap.2023.104147
35. Gómez-Regalado, M. del 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. DOI: 10.1016/j.envres.2023.116082
36. Gómez-Regalado, M. del C., Martín, J., Santos, J. L., Aparicio, I., Alonso, E., & Zafra-Gómez, A. (2023). Bioaccumulation/bioconcentration of pharmaceutical active compounds in aquatic organisms: Assessment and factors database. *Science of the Total Environment*, 861. DOI: 10.1016/j.scitotenv.2022.160638
37. González-Castillo, E.I., Torres, Y. González, F.J., Ellis, G.J., Boccaccini, A. R. (2023). Thermal and tribo-mechanical properties of high-performance poly(etheretherketone)/reduced graphene oxide nanocomposite coatings prepared by electrophoretic deposition. *Journal of materials Science*, 58. DOI: 10.1007/s10853-023-08686-y
38. Guerrero, J. I., Martín, A., Parejo, A., Larios, D. F., Molina, F. J., & León, C. (2023). A general-purpose distributed analytic platform based on edge computing and computational intelligence applied on smart grids. *Sensors*, 23(8). DOI: 10.3390/s23083845
39. Gutierrez-Galan, D., Rios-Navarro, A., Dominguez-Morales, J. P., Durán-López, L., Jiménez-Moreno, G., Jiménez-Fernández, A. (2023). Interfacing PDM MEMS Microphones with PFM Spiking Systems: Application for Neuromorphic Auditory Sensors. *Neural Processing Letters*, 55. DOI: doi.org/10.1007/s11063-022-10936-0

40. Haciosmanoğlu, G. G., Arenas, M., Mejías, C., Martín, J., Santos, J. L., Aparicio, I., & Alonso, E. (2023). Adsorption of fluoroquinolone antibiotics from water and wastewater by colemanite. *International Journal of Environmental Research and Public Health*, 20(3). DOI: 10.3390/ijerph20032646
41. Hennig, D., Karachalios, N. I., & Cuevas-Maraver, J. (2023). Dissipative localised structures for the complex discrete Ginzburg–Landau equation. *Journal of Nonlinear Science*, 33(3). DOI: 10.1007/s00332-023-09904-2
42. Hernanz, D., Jara-Palacios, M. J., Santos, J. L., Gómez Pajuelo, A., Heredia, F. J., & Terrab, A. (2023). The profile of phenolic compounds by HPLC-MS in spanish oak (quercus) honeydew honey and their relationships with color and antioxidant activity. *LWT*, 180. DOI: 10.1016/j.lwt.2023.114724
43. Luque, J., Personal, E., Perez, F., Romero-Ternero, M. C., & León, C. (2023). Low-dimensional representation of monthly electricity demand profiles. *Engineering Applications of Artificial Intelligence*, 119. DOI: 10.1016/j.engappai.2022.105728
44. Manchón-Gordón, A. F., Perejón, A., Gil-González, E., Kowalczyk, M., Sánchez-Jiménez, P. E., Pérez-Maqueda, L. A. (2023). Low temperature magnetic transition of BiFeO₃ ceramics sintered by electric field-assisted methods: Flash and spark plasma sintering. *Materials*, 16(1). DOI: 10.3390/ma16010189
45. Mani, R., Ríos-Navarro, A., Sevillano-Ramos, J.L., Liouane, N. (2023) Improved 3D localization algorithm for large scale wireless sensor networks. *Wireless Networks*. DOI: 10.1007/s11276-023-03265-0
46. Marini, N., Otalora, S., Wodzinski, M., Tomarrini, S., Dragoni, Aldo F., Marchand-Maillet, S., Domínguez Morales, Juan P., Durán-López, L., Vatrano, S., Müller, H., Atzori, M. (2023). Data-driven color augmentation for H&E stained images in computational pathology. *Journal of Pathology Informatics*, 14. DOI: 10.1016/j.jpi.2022.100183
47. Marrón-Esquivel, José M., Durán-López, L., Linares-Barranco, A., Domínguez Morales, Juan P. (2023). A comparative study of the inter-observer variability on Gleason grading against Deep Learning-based approaches for prostate cancer. *Computers in Biology and Medicine*, 159. DOI: 10.1016/j.combiomed.2023.106856
48. Martín, J., Orta, M. del Mar, Medina-Carrasco, S., Santos, J. L., Aparicio, I., & Alonso, E. (2023). Biodegradable polymers and their bionanocomposites based on layered

- silicates: Environmental applications. In: Visakh P. M. (eds) *Biodegradable and Environmental Applications of Bionanocomposites. Advanced Structured Materials*, vol 177. Springer, Cham. DOI: 10.1007/978-3-031-13343-5_1
49. Martín, J., Gonkowski, S., Kortas, A., Sobiech, P., Rytel, L., Santos, J. L., Aparicio, I., Alonso, E. (2023). Multiclass method to determine emerging pollutants in bats using a non-invasive approach based on guano matrix. *Microchemical Journal*, 188. DOI: 10.1016/j.microc.2023.108486
50. Mejías, C., Luis Santos, J., Martín, J., Aparicio, I., & Alonso, E. (2023). Automatised on-line SPE-chiral LC-MS/MS method for the enantiomeric determination of main fluoroquinolones and their metabolites in environmental water samples. *Microchemical Journal*, 185. DOI: 10.1016/j.microc.2022.108217
51. Mejías, C., Martín, J., Santos, J. L., Aparicio, I., & Alonso, E. (2023). Adsorption of perfluoroalkyl substances on polyamide microplastics: Effect of sorbent and influence of environmental factors. *Environmental Research*, 216. DOI: 10.1016/j.envres.2022.114834
52. Mejías, C., Santos, J. L., Martín, J., Aparicio, I., & Alonso, E. (2023). Thermodynamic and kinetic investigation of the adsorption and desorption of trimethoprim and its main metabolites in mediterranean crop soils. *Molecules*, 28(1). DOI: 10.3390/molecules28010437
53. Montero-Alejo, A. L., Barría-Cáceres, F., Lodeiro, L., & Menéndez-Proupin, E. (2023). Effective interfaces between fullerene derivatives and CH₃NH₃PbI₃ to improve perovskite solar cell performance. *Journal of Physical Chemistry C*, 127(1), 41-51. DOI: 10.1021/acs.jpcc.2c06499
54. Mora, J., García, P., Carreño, F., González, M., Gutiérrez, M., Montes, L., Gavira, V.R., López-Santos, C., Vicente, A., Rivero, P., Rodríguez, R., Larumbe, S., Acosta, C., Ibáñez-Ibáñez, P., Corozzi, A., Raimondo, M., Kozera, R., Przybyszewski, B., González-Elipe, A.R., Borrás, A., Redondo, F., Agüero, A. (2023). Setting a comprehensive strategy to face the runback icing phenomena. *Surface and Coatings Technology*, 465. DOI: 10.1016/j.surfcoat.2023.129585
55. Moral, J. del, Montes, L., Rico-Gavira, V. J., López-Santos, C., Jacob, S., Oliva-Ramirez, M., Gil-Rostra, J., Fakhfour, A., Pandey, S., Gonzalez del Val, M., Mora, J., García-Gallego, P., Ibáñez-Ibáñez, P.F., Rodríguez-Valverde, M.A., Winkler, A., Borrás, A., González-Elipe, A. R. (2023). A holistic solution to icing by acoustic waves: De-icing,

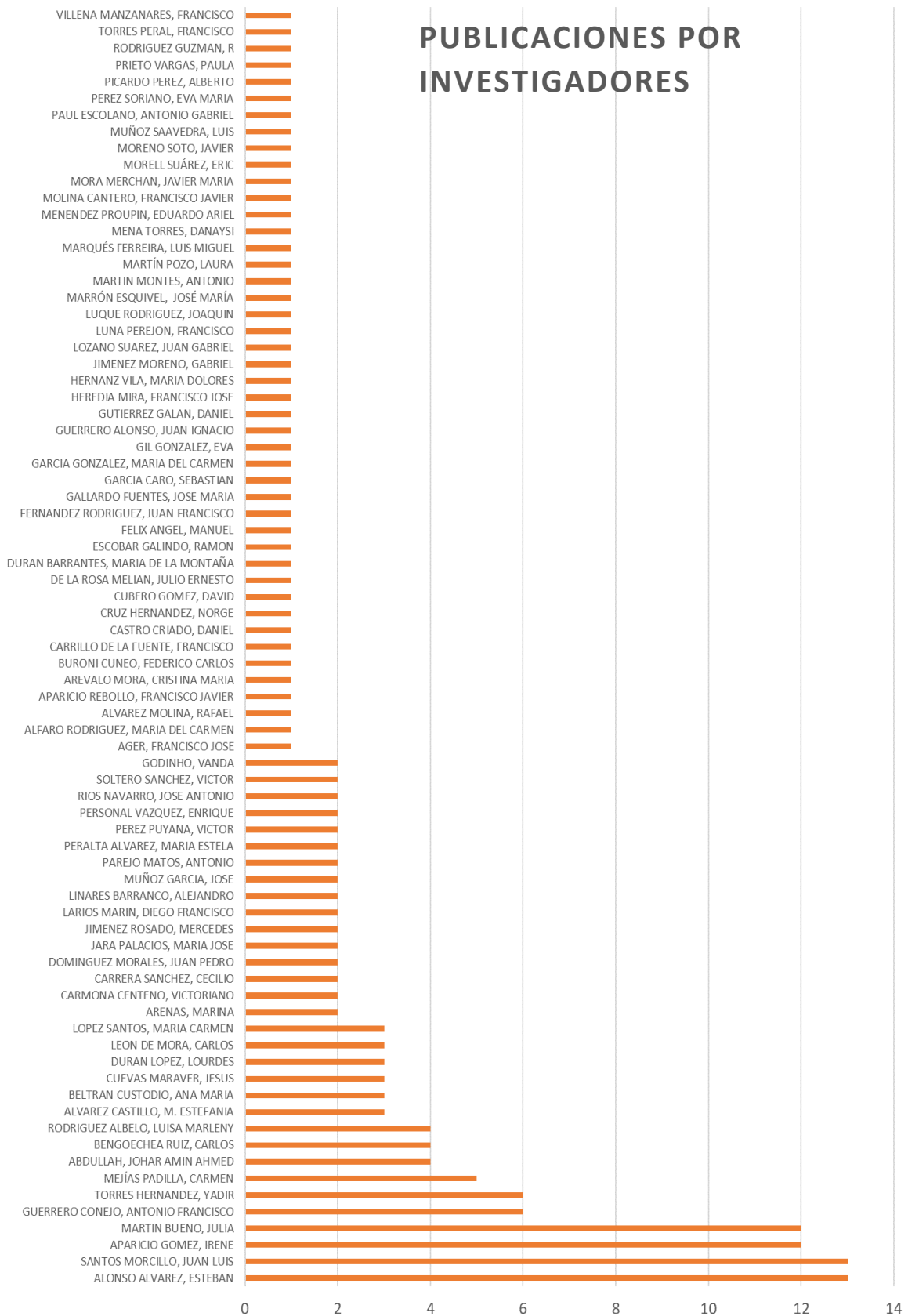
active anti-icing, sensing with piezoelectric crystals, and synergy with thin film passive anti-icing solutions. *Advanced Functional Materials*, 33(15). DOI: 10.1002/adfm.202209421

56. Moreno-Soto, J., Križnar, A., Ager, F. J., Gómez-Morón, M. A., Gamero-Osuna, A., Martín-de-Soto, A., & Respaldiza, M. Á. (2023). Zurbarán attribution hypothesis supported by pigment analysis and multiband images observation of four paintings by his workshop. *Scientific Reports*, 13(1). DOI: 10.1038/s41598-023-27677-2
57. Moscoso, F. G., Rodríguez-Albelo, L. M., Ruiz-Salvador, A. R., Lopes-Costa, T., & Pedrosa, J. M. (2023). Enhancement of the intrinsic fluorescence of ZIF-8 via post-synthetic cation exchange with Cd²⁺ and its incorporation into PDMS films for selective sulfide optical sensing. *Materials Today Chemistry*, 28. Doi: 10.1016/j.mtchem.2022.101366
58. Muñoz, J., Prieto-Vargas, P., García, M. C., & Alfaro-Rodríguez, M. (2023). Effect of a change in the CaCl₂/Pectin mass ratio on the particle size, rheology and physical stability of lemon essential Oil/W emulgels. *Foods*, 12(6). DOI: 10.3390/foods12061137
59. Niranjana, K., Krause, M., Lungwitz, F., Munnik, F., Hübner, R., Pemmasani, S. P., Galingo, R.E., Barshilia, H. C. (2023). WAISiN-based solar-selective coating stability-study under heating and cooling cycles in vacuum up to 800 °C using in situ rutherford backscattering spectrometry and spectroscopic ellipsometry. *Solar Energy Materials and Solar Cells*, 255. DOI: 10.1016/j.solmat.2023.112305
60. Peceño, B., Pérez-Soriano, E. M., Ríos, J. D., Luna, Y., Cifuentes, H., & Leiva, C. (2023). Effect of different ashes from biomass olive pomace on the mechanical and fire properties of gypsum-based materials. *Revista De La Construcción*, 22(1), 122-134. DOI: 64/RDLC.22.1.122
61. Perez-Puyana, V. M., Capezza, A. J., Newson, W. R., Bengoechea, C., Johansson, E., Guerrero, A., & Hendeqvist, M. S. (2023). Functionalization routes for keratin from poultry industry side-Streams—Towards bio-based absorbent polymers. *Polymers*, 15(2). DOI: 10.3390/polym15020351
62. Picardo, A., Galván, M. J., Soltero, V. M., Peralta, E. (2023). A Comparative Life Cycle Assessment and Costing of Lighting Systems for Environmental Design and Construction of Sustainable Roads. *Buildings*, 13(4). DOI: 10.3390/buildings13040983

63. Pouchlý, V., Talimian, A., Kaštyl, J., Chvíla, M., Ščasnovič, E., Beltrán, A. M., Lozano, J.G., Galusek, D. (2023). Transparent LiOH-doped magnesium aluminate spinel produced by spark plasma sintering: Effects of heating rate and dopant concentration. *Journal of the European Ceramic Society*, 43(8), 3544-3552. DOI: 10.1016/j.jeurceramsoc.2023.01.059
64. Rodríguez, J. F. F. (2023). Sustainable design protocol in BIM environments: Case study of 3D virtual models of a building in seville (spain) based on BREEAM method. *Sustainability (Switzerland)*, 15(7). DOI: 10.3390/su15075787
65. Rodríguez-Albelo, L. M., Navarro, P., Gotor, F. J., de la Rosa, J. E., Mena, D., García-García, F. J., Beltrán, A.M., Alcudia, A., Torres, Y. (2023). Limits of powder metallurgy to fabricate porous Ti35Nb7Zr5Ta samples for cortical bone replacements. *Journal of Materials Research and Technology*, 24, 6212-6226. DOI: 10.1016/j.jmrt.2023.04.212
66. Rodríguez-Guzmán, R., Robledo, L. M., Jiménez-Hoyos, C. A., & Hernández, N. C. (2023). Least action description of dynamic pairing correlations in the fission of curium and californium isotopes based on the gogny energy density functional. *Physical Review C*, 107(4). DOI: 10.1103/PhysRevC.107.044307
67. Rodriguez-Pastor, D. A., Ildelfonso-Sanchez, A. F., Soltero, V. M., Peralta, M. E., & Chacartegui, R. (2023). A new predictive model for the design and evaluation of bifacial photovoltaic plants under the influence of vegetation soils. *Journal of Cleaner Production*, 385. DOI: 10.1016/j.jclepro.2022.135701
68. Rosa, N., Villena, F., & González, E. (2023). Process and product innovation in the spanish construction industry: The mediating role of organizational innovation. *International Journal of Industrial Engineering and Management*, 14(1), 1-12. DOI: 10.24867/IJIEEM-2023-1-320
69. Sánchez-López, J. C., Rodríguez-Albelo, M., Sánchez-Pérez, M., Godinho, V., López-Santos, C., & Torres, Y. (2023). Ti6Al4V coatings on titanium samples by sputtering techniques: Microstructural and mechanical characterization. *Journal of Alloys and Compounds*, 952. DOI: 10.1016/j.jallcom.2023.170018
70. Santos, J. L., Martín, J., Mejías, C., Aparicio, I., & Alonso, E. (2023). Pharmaceuticals and their metabolites in sewage sludge and soils: Distribution and environmental risk assessment. En *Emerging Pollutants in Sewage Sludge and Soils*. DOI: 10.1007/698_2022_847

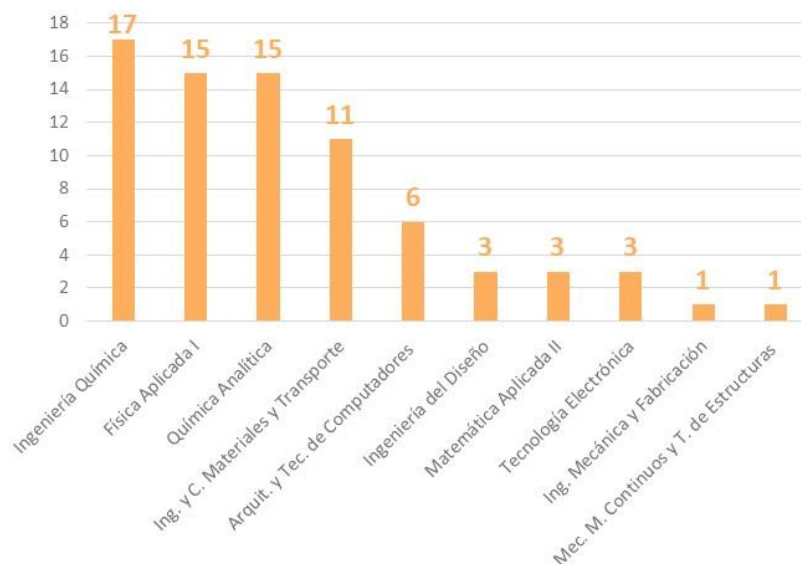
71. Saucedo, S., Lascano, S., Núñez, J., Parra, C., Arévalo, C., & Béjar, L. (2023). Effect of HVOF processing parameters on Cr₃C₂-NiCr hard coatings deposited on AISI 4140 steel. *Engineering Science and Technology, an International Journal*, 39. DOI: 10.1016/j.jestch.2023.101342
72. Simões, S., Carrera Sanchez, C., Santos, A. J., Figueira, D., Prista, C., & Raymundo, A. (2023). Impact of grass pea sweet miso incorporation in vegan emulsions: Rheological, nutritional and bioactive properties. *Foods*, 12(7). DOI: 10.3390/foods12071362
73. Sui, B., Xu, Z., Xue, Z., Xiang, Y., Zhou, T., Beltrán, Ana M., Zheng, K., Liu, X., Boccaccini, Aldo R. (2023). Mussel-Inspired Polydopamine Composite Mesoporous Bioactive Glass Nanoparticles: An Exploration of Potential Metal-Ion Loading Platform and In Vitro Bioactivity. *ACS Applied Materials & Interfaces*, 15 (24). DOI: 10.1021/acsami.3c03680
74. Urgese, G., Rios-Navarro, A., Linares-Barranco, A., Stewart, T.C., Michmizos, K. (2023) Editorial: Powering the next-generation IoT applications: new tools and emerging technologies for the development of Neuromorphic System of Systems. *Frontiers in Neuroscience*, 17. DOI: 10.3389/fnins.2023.1197918
75. Zohra, R., Meneceur, S., Mohammed, H. A., Hasan, G. G., Bouafia, A., Abdullah, J. A. A., Alharthi, F., Eddine, L. S. (2023). Enhanced photocatalytic degradation of dyes and antibiotics with biosynthesized FeMn₂O₄ nanocomposite under sunlight irradiation: Isotherm and kinetic study. *Biomass Conversion and iorefinery*. DOI: 10.1007/s13399-023-04497-y

PUBLICACIONES POR INVESTIGADORES



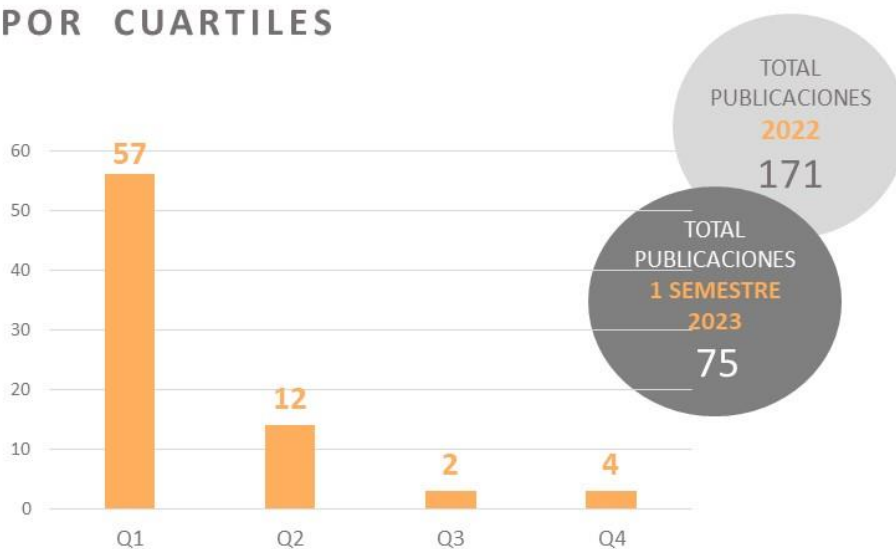
**PUB
EPS
EN
CIFRAS**

PUBLICACIONES POR DEPARTAMENTOS



**PUB
EPS
EN
CIFRAS**

SITUACIÓN DE LAS PUBLICACIONES POR CUARTILES



PUBLICACIONES POR MATERIAS

Gráfica extraída de SCOPUS sobre 75 ítems

