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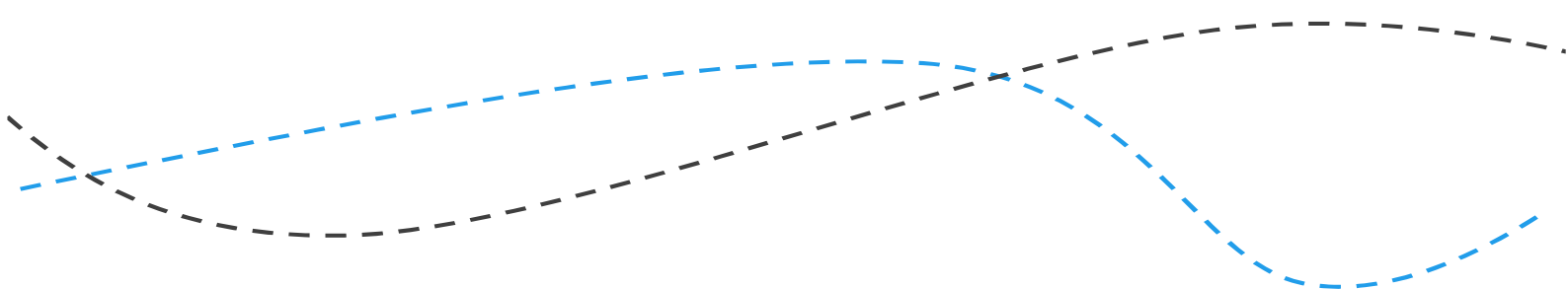


**ENGINY20**

**Biblioteca del Campus del Baix Llobregat**

**Informe mensual d'articles  
indexats a Scopus**

**Abril 2022**



## Base de dades Scopus. Abril 2022<sup>1</sup>

### EETAC

Alparone, M., Nunziata, F., Estatico, C., **Camps, A., Park, H.**, & Migliaccio, M. (2022). On the trade-off between enhancement of the spatial resolution and noise amplification in conical-scanning microwave radiometers. *IEEE Transactions on Geoscience and Remote Sensing*, [doi:10.1109/TGRS.2022.3163522](https://doi.org/10.1109/TGRS.2022.3163522)

**Altmeyer, S.** (2022). Localized turbulent structures in long pipe flow with minimal set of reflectional symmetry. *Fluid Dynamics*, 57(2), 211-219. [doi:10.1134/S001546282202001X](https://doi.org/10.1134/S001546282202001X)

Camisassa, M. E., Althaus, L. G., Koester, D., **Torres, S., Pons, P. G.**, & Córscico, A. H. (2022). The evolution of ultra-massive carbon-oxygen white dwarfs. *Monthly Notices of the Royal Astronomical Society*, 511(4), 5198-5206. [doi:10.1093/mnras/stac348](https://doi.org/10.1093/mnras/stac348)

Colman, M. A., **Alvarez-Lacalle, E.**, Echebarria, B., Sato, D., Sutanto, H., & Heijman, J. (2022). Multi-scale computational modeling of spatial calcium handling from nanodomain to whole-heart: Overview and perspectives. *Frontiers in Physiology*, 13 [doi:10.3389/fphys.2022.836622](https://doi.org/10.3389/fphys.2022.836622)

**Li, W., Montoro, G., & Gilabert, P. L.** (2022). RF leakage compensation in wideband envelope tracking power amplifiers for mobile terminals. Paper presented at the 2022 *IEEE Topical Conference on RF/Microwave Power Amplifiers for Radio and Wireless Applications, PAWR 2022*, 32-35. [doi:10.1109/PAWR53092.2022.9719863](https://doi.org/10.1109/PAWR53092.2022.9719863)

Novaes, G. M., **Alvarez-Lacalle, E.**, Munoz, S. A., & Dos Santos, R. W. (2022). An ensemble of parameters from a robust markov-based model reproduces L-type calcium currents from different human cardiac myocytes. *PLoS ONE*, 17(4 April) [doi:10.1371/journal.pone.0266233](https://doi.org/10.1371/journal.pone.0266233)

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<sup>1</sup> Articles obtinguts a la base de dades Scopus. Data de la cerca 29/04/2022

Peña, J. C., Balasch, J. C., **Pino, D.**, Schulte, L., Barriendos, M., Ruiz-Bellet, J. L., Prohom, M., Tuset, J., **Mazon, J.**, Castelltort, X. (2022). Low-frequency atmospheric variability patterns and synoptic types linked to large floods in the lower Ebro river basin. *Journal of Climate*, 35(8), 2351-2371. [doi:10.1175/JCLI-D-20-0394.1](https://doi.org/10.1175/JCLI-D-20-0394.1)

**Rebassa-Mansergas, A.**, Xu, S., Raddi, R., Pala, A. F., Solano, E., **Torres, S.**, Jiménez-Esteban, F., Cruz, P. (2022). Gaia 0007-1605: An old triple system with an inner brown dwarf-white dwarf binary and an outer white dwarf companion. *Astrophysical Journal Letters*, 927(2) [doi:10.3847/2041-8213/ac5a55](https://doi.org/10.3847/2041-8213/ac5a55)

**Torres, S.**, Canals, P., Jimenez-Esteban, F. M., **Rebassa-Mansergas, A.**, & Solano, E. (2022). A population synthesis fitting of the gaia resolved white dwarf binary population within 100 pc. *Monthly Notices of the Royal Astronomical Society*, 511(4), 5462-5474. [doi:10.1093/mnras/stac374](https://doi.org/10.1093/mnras/stac374)

## DEAB<sup>2</sup>

Bürger, J., Kůzmič, F., Šilc, U., Jansen, F., Bergmeier, E., Chytrý, M., Cirujeda, A., Fogliatto, S., Fried, G., Dostatny, D. F., Gerowitt, B., Glemnitz, M., González-Andújar, J.L., Hernández Plaza, E., **Izquierdo, J.**, Kolářová, M., Lososová, Z., Metcalfe, H., Nečajeva, J., Petit, S., Pinke, G., Rašomavičius, V., von Redwitz, C., Schumacher, M., Ulber, L., Vidotto, F. (2022). Two sides of one medal: Arable weed vegetation of Europe in phytosociological data compared to agronomical weed surveys. *Applied Vegetation Science*, 25(1) [doi:10.1111/avsc.12460](https://doi.org/10.1111/avsc.12460)

**Gualda, E. J.** (2022). 3D volume rendering of invertebrates using light-sheet fluorescence microscopy. *Photonics*, 9(4) [doi:10.3390/photonics9040208](https://doi.org/10.3390/photonics9040208)

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<sup>2</sup> Personal permanent i lectors.

## EEABB (no DEAB)

Cardona, P., Català, M., & **Prats, C.** (2022). The origin and maintenance of tuberculosis is explained by the induction of smear-negative disease in the paleolithic. *Pathogens*, 11(3) doi:10.3390/pathogens11030366



Hao, Q., Lyu, G. J., **Pineda, E.**, Pelletier, J. M., Wang, Y. J., Yang, Y., & Qiao, J. C. (2022). A hierarchically correlated flow defect model for metallic glass: Universal understanding of stress relaxation and creep. *International Journal of Plasticity*, 154 doi:10.1016/j.ijplas.2022.103288