

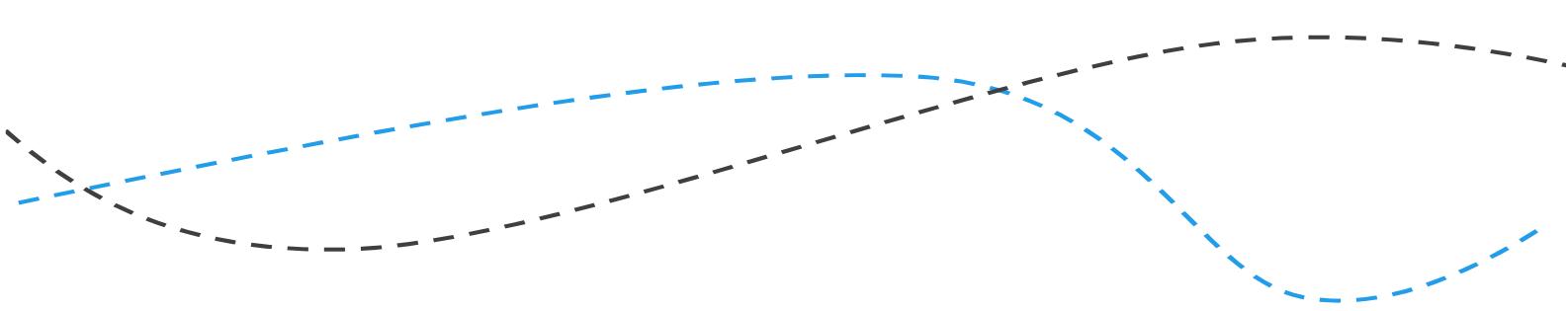


ENGINY20

Biblioteca del Campus del Baix Llobregat

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

Gener 2021



Base de dades Scopus. Gener 2021¹

EETAC

Alier, M., Casany, M. J., Llorens, A., **Alcober, J.**, & Prat, J. D. (2021). Atenea exams, an IMS LTI application to solve scalability problems: A study case. *Applied Sciences* (Switzerland), 11(1), 1-17. doi:[10.3390/app11010080](https://doi.org/10.3390/app11010080) 

Areekath, L., George, B., & **Reverter, F.** (2021). An auto-balancing capacitance-to-pulse-width converter for capacitive sensors. *IEEE Sensors Journal*, 21(1), 765-775. doi:[10.1109/JSEN.2020.3014206](https://doi.org/10.1109/JSEN.2020.3014206)

Areekath, L., George, B., & **Reverter, F.** (2021). Analysis of a direct microcontroller interface for capacitively coupled resistive sensors. *IEEE Transactions on Instrumentation and Measurement*, 70 doi:[10.1109/TIM.2020.3034969](https://doi.org/10.1109/TIM.2020.3034969)

Bertran, O., & Riba, J. (2021). A revised solution for a sphere rolling in a vertical loop. *European Journal of Physics*, 42(1) doi:[10.1088/1361-6404/abbca1](https://doi.org/10.1088/1361-6404/abbca1)

Català, M., **Pino, D.**, Marchena, M., Palacios, P., Urdiales, T., Cardona, P. Alonso, S., López-Codina, D., Prats, C., **Alvarez-Lacalle, E.** (2021). Robust estimation of diagnostic rate and real incidence of COVID-19 for european policymakers. *PLoS ONE*, 16(1 January) doi:[10.1371/journal.pone.0243701](https://doi.org/10.1371/journal.pone.0243701) 

Fili, T., Gòdia, F., & **González-Cinca, R.** (2021). Trade-off analysis of phase separation techniques for advanced life support systems in space. *Acta Astronautica*, 178, 571-583. doi:[10.1016/j.actaastro.2020.09.052](https://doi.org/10.1016/j.actaastro.2020.09.052) 

Gil-Pons, P., Doherty, C. L., **Gutiérrez, J.**, Campbell, S. W., Siess, L., & Lattanzio, J. C. (2021). Nucleosynthetic yields of Z = 10-5intermediate-mass stars. *Astronomy and Astrophysics*, 645 doi:[10.1051/0004-6361/201937264](https://doi.org/10.1051/0004-6361/201937264)

¹ Articles obtinguts a la base de dades Scopus. Data de la cerca 27/01/2021

Heldring, A., **Ubeda, E.**, & Rius, J. M. (2021). Improving the accuracy of the adaptive cross approximation with a convergence criterion based on random sampling. *IEEE Transactions on Antennas and Propagation*, 69(1), 347-355.
doi:[10.1109/TAP.2020.3010857](https://doi.org/10.1109/TAP.2020.3010857)

Hornero, G., Casas, O., & Pallàs Areny, R. (2021). Common mode response effects in differential measurements. *AEU - International Journal of Electronics and Communications*, 128 doi:[10.1016/j.aeue.2020.153510](https://doi.org/10.1016/j.aeue.2020.153510)



Kim, S., Ruiz-De-Azua, J. A., **Park, H.**, & Kim, J. (2020). Design of 4D-8PSK-TCM with hybrid T-algorithm based on deep learning. Paper presented at the International Conference on ICT Convergence, 2020-October 206-208. doi: [10.1109/ICTC49870.2020.9289084](https://doi.org/10.1109/ICTC49870.2020.9289084)

Munoz-Martin, J. F., Fernandez, L., Perez, A., Ruiz-De-azua, J. A., **Park, H.**, **Camps, A.**, . . .
Pastena, M. (2021). In-orbit validation of the fmpl-2 instrument—the gnss-r and l-band microwave radiometer payload of the fsscat mission. *Remote Sensing*, 13(1), 1-19.
doi:[10.3390/rs13010121](https://doi.org/10.3390/rs13010121)



Prasad, R. N. A., Venkata Siva, B., Neeraja, K., Krishna Mohan, N., & **Rojas, J. I.** (2021). Effect of modifier oxides on spectroscopic and optical properties of Pr³⁺ doped PbO-Ro₂O₃-WO₃-B₂O₃ glasses (with Ro₂O = Sb₂O₃, Al₂O₃, and Bi₂O₃). *Journal of Luminescence*, 230 doi:[10.1016/j.jlumin.2020.117666](https://doi.org/10.1016/j.jlumin.2020.117666)

Pueyo Centelles, R., **Meseguer, R.**, Freitag, F., Navarro, L., Ochoa, S. F., & Santos, R. M. (2021). LoRaMoto: A communication system to provide safety awareness among civilians after an earthquake. *Future Generation Computer Systems*, 115, 150-170.
doi:[10.1016/j.future.2020.07.040](https://doi.org/10.1016/j.future.2020.07.040)

Reverter, F., & Gasulla, M. (2021). A novel general-purpose theorem for the analysis of linear circuits. *IEEE Transactions on Circuits and Systems II: Express Briefs*, 68(1), 63-66. doi:[10.1109/TCSII.2020.3000834](https://doi.org/10.1109/TCSII.2020.3000834)

Rony, R. I., **Lopez-Aguilera, E., & Garcia-Villegas, E.** (2021). Cost analysis of 5G fronthaul networks through functional splits at the PHY layer in a capacity and cost limited scenario. *IEEE Access*, doi:[10.1109/ACCESS.2021.3049636](https://doi.org/10.1109/ACCESS.2021.3049636)



Sarmiento, S., Mendumeta, J. M. D., Altabas, J. A., **Spadaro, S.**, Shinada, S., Furukawa, H., . . . Wada, N. (2021). High capacity converged passive optical network and RoF-based 5G+ fronthaul using 4-PAM and NOMA-CAP signals. *Journal of Lightwave Technology*, 39(2), 372-380. doi:[10.1109/JLT.2020.3028492](https://doi.org/10.1109/JLT.2020.3028492)

Wang, T., & **Gilabert, P. L.** (2021). Mesh-selecting for computational efficient PA behavioral modeling and DPD linearization. *IEEE Microwave and Wireless Components Letters*, 31(1), 37-40. doi:[10.1109/LMWC.2020.3035288](https://doi.org/10.1109/LMWC.2020.3035288)

DEAB²

García-Mendívil, H. A., & **Sorribas, F. J.** (2021). Effect of citrullus amarus accessions on the population dynamics of meloidogyne incognita and M. javanica and watermelon yield. *Scientia Horticulturae*, 275 doi:[10.1016/j.scienta.2020.109680](https://doi.org/10.1016/j.scienta.2020.109680)

Meneses, D. L., Ruiz, Y., **Hernandez, E.**, & Moreno, F. L. (2021). Multi-stage block freeze-concentration of green tea (camellia sinensis) extract. *Journal of Food Engineering*, 293 doi:[10.1016/j.jfoodeng.2020.110381](https://doi.org/10.1016/j.jfoodeng.2020.110381)



Sadrolodabaee, P., **Claramunt, J.**, Ardanuy, M., & de la Fuente, A. (2021). Mechanical and durability characterization of a new textile waste micro-fiber reinforced cement composite for building applications. *Case Studies in Construction Materials*, 14 doi:[10.1016/j.cscm.2021.e00492](https://doi.org/10.1016/j.cscm.2021.e00492)

Sadrolodabaee, P., **Claramunt, J.**, Ardanuy, M., & Fuente, A. D. L. (2021). Characterization of a textile waste nonwoven fabric reinforced cement composite for non-structural

² Personal permanent i lectors.

building components. Construction and Building Materials, 276 doi:[10.1016/j.conbuildmat.2020.122179](https://doi.org/10.1016/j.conbuildmat.2020.122179)

EEABB (no DEAB)

Català, M., Pino, D., Marchena, M., Palacios, P., Urdiales, T., Cardona, P., Alonso, S., **López-Codina, D.**, **Prats, C.**, Alvarez-Lacalle, E. (2021). Robust estimation of diagnostic rate

and real incidence of COVID-19 for european policymakers. *PLoS ONE*, 16 (1 January) doi:[10.1371/journal.pone.0243701](https://doi.org/10.1371/journal.pone.0243701)

Cheng, Y. T., Hao, Q., Qiao, J. C., Crespo, D., **Pineda, E.**, & Pelletier, J. M. (2021). Effect of minor addition on dynamic mechanical relaxation in ZrCu-based metallic glasses. *Journal of Non-Crystalline Solids*, 553 doi:[10.1016/j.jnoncrysol.2020.120496](https://doi.org/10.1016/j.jnoncrysol.2020.120496)

Duan, Y. J., Qiao, J. C., Wada, T., Kato, H., Wang, Y. J., **Pineda, E.**, & Crespo, D. (2021). Inelastic deformation of metallic glasses under dynamic cyclic loading. *Scripta Materialia*, 194 doi:[10.1016/j.scriptamat.2020.113675](https://doi.org/10.1016/j.scriptamat.2020.113675)

Guerrero-García-Rojas, H. R., García-Vega, D., & **Seguí-Amórtegui, L.** (2021). Industrial water productivity in mexico: Efficiency analysis for eight sectors. [Productividad industrial del agua en México: Análisis de eficiencia para ocho sectores] *Tecnología y Ciencias Del Agua*, 12(1) doi:[10.24850/J-TYCA-2021-01-08](https://doi.org/10.24850/J-TYCA-2021-01-08)

Medina-Mijangos, R., & **Seguí-Amórtegui, L.** (2021). Technical-economic analysis of a municipal solid waste energy recovery facility in spain: A case study. *Waste Management*, 119, 254-266. doi:[10.1016/j.wasman.2020.09.035](https://doi.org/10.1016/j.wasman.2020.09.035)