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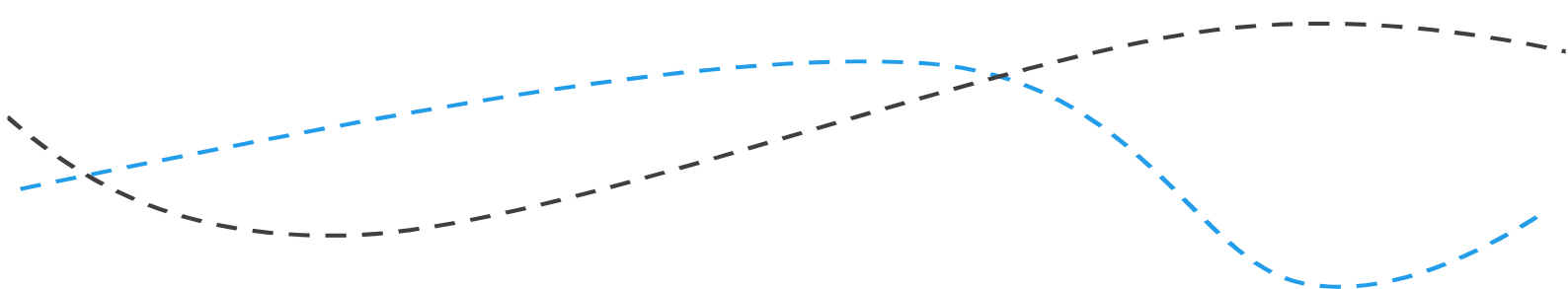


ENGINY20

Biblioteca del Campus del Baix Llobregat

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

Setembre 2021



Base de dades Scopus. Setembre 2021¹

EETAC

Coulson, M., & **Perarnau, G.** (2021). Weak components of the directed configuration model doi:[10.1007/978-3-030-83823-2_109](https://doi.org/10.1007/978-3-030-83823-2_109)

Dalfó, C., Duque, F., Fabila-Monroy, R., Fiol, M. À., **Huemer, C.**, Trujillo-Negrete, A. L., & Martínez, F. J. Z. (2021). Some results on the laplacian spectra of token graphs doi:[10.1007/978-3-030-83823-2_11](https://doi.org/10.1007/978-3-030-83823-2_11)

Montlaur, A., Delgado, L., & **Trapote-Barreira, C.** (2021). Analytical models for CO2 emissions and travel time for short-to-medium-haul flights considering available seats. Sustainability (Switzerland), 13(18) doi:[10.3390/su131810401](https://doi.org/10.3390/su131810401)



Nešetřil, J., **Perarnau, G.**, **Rué, J.**, & Serra, O. (2021). Preface to the abstracts volume of eurocomb21. <https://doi.org/10.1007/978-3-030-83823-2>

Noy, M., Requilé, C., & **Rué, J.** (2021). The expected number of perfect matchings in cubic planar graphs doi:[10.1007/978-3-030-83823-2_27](https://doi.org/10.1007/978-3-030-83823-2_27)

Nunziata, F., Alparone, M., **Camps, A.**, **Park, H.**, Zurita, A. M., Estatico, C., & Migliaccio, M. (2021). An enhanced resolution brightness temperature product for future conical scanning microwave radiometers. IEEE Transactions on Geoscience and Remote Sensing, doi:[10.1109/TGRS.2021.3109376](https://doi.org/10.1109/TGRS.2021.3109376)

Perramon, A., Soriano-Arandes, A., **Pino, D.**, Lazcano, U., Andrés, C., Català, M., Gatell, A., Carulla, M., Canadell, D., Ricós, G., Riera-Bosch, M.T., Burgaya, S., Salvadó, O., Cantero, J., Vilà, M., Poblet, M., Sánchez, A., Ristol, A.M., Serrano, P., Antón, A., Prats, C., Soler-Palacin, P. (2021). Schools as a framework for COVID-19 epidemiological surveillance of children in catalonia, spain: A population-based study. *Frontiers in Pediatrics*, 9 doi:[10.3389/fped.2021.754744](https://doi.org/10.3389/fped.2021.754744)



¹ Articles obtinguts a la base de dades Scopus. Data de la cerca 01/10/2021

Shahbaznejad, N., Kazemi, A. P., & **Pelayo, I. M.** (2021). Some product graphs with power dominating number at most 2. *AKCE International Journal of Graphs and Combinatorics*, doi:[10.1080/09728600.2021.1972773](https://doi.org/10.1080/09728600.2021.1972773)



Vincenzi, M., **Lopez-Aguilera, E.**, & **Garcia-Villegas, E.** (2021). Timely admission control for network slicing in 5G with machine learning. *IEEE Access*, doi:[10.1109/ACCESS.2021.3111143](https://doi.org/10.1109/ACCESS.2021.3111143)

Xu, Y., Camargo, L., & **Prats, X.** (2021). Fast-time demand-capacity balancing optimizer for collaborative air traffic flow management. *Journal of Aerospace Information Systems*, 18(8), 583-595. doi:[10.2514/1.I010948](https://doi.org/10.2514/1.I010948)



DEAB²

Bernardello, M., Gora, R. J., Van Hage, P., Castro-Olvera, G., **Gualda, E. J.**, Schaaf, M. J. M., & Loza-Alvarez, P. (2021). Analysis of intracellular protein dynamics in living zebrafish embryos using light-sheet fluorescence single-molecule microscopy. *Biomedical Optics Express*, 12(10), 6205-6227. doi:[10.1364/BOE.435103](https://doi.org/10.1364/BOE.435103)



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Codina-Torrella, I., Rodero, L., & Almajano, M. P. (2021). Brewing by-products as a source of natural antioxidants for food preservation. *Antioxidants*, 10(10) doi:[10.3390/antiox10101512](https://doi.org/10.3390/antiox10101512)



Dantas, A., Quinteros, G. J., Darvishvand, S. Y., Blanco, M., **Hernandez, E.**, Prudencio, E. S., & Samsuri, S. (2021). The combined use of progressive and block freeze concentration in lactose-free milk: Effect of process parameters and influence on the content of carbohydrates and proteins. *Journal of Food Process Engineering*, doi:[10.1111/jfpe.13867](https://doi.org/10.1111/jfpe.13867)



² Personal permanent i lectors.

Salcedo, R., Zhu, H., Jeon, H., Ozkan, E., Wei, Z., & **Gil, E.** (2021). Characterization of volumetric droplet size distributions from PWM-controlled hollow-cone nozzles designed for variable-rate air-assisted sprayers. Paper presented at the American Society of Agricultural and Biological Engineers Annual International Meeting, ASABE 2021, 1 86-89. doi:[10.13031/aim.202100038](https://doi.org/10.13031/aim.202100038)

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Català, M., Li, X., **Prats, C.**, & Prieto-Alhambra, D. (2021). The impact of prioritisation and dosing intervals on the effects of COVID-19 vaccination in europe: An agent-based cohort model. *Scientific Reports*, 11(1) doi:[10.1038/s41598-021-98216-0](https://doi.org/10.1038/s41598-021-98216-0)

Cheng, Y. T., Hao, Q., Pelletier, J. M., **Pineda, E.**, & Qiao, J. C. (2021). Modelling and physical analysis of the high-temperature rheological behavior of a metallic glass. *International Journal of Plasticity*, 146 doi:[10.1016/j.ijplas.2021.103107](https://doi.org/10.1016/j.ijplas.2021.103107)

Dantas, A., Quinteros, G. J., Darvishvand, S. Y., **Blanco, M.**, Hernandez, E., Prudencio, E. S., & Samsuri, S. (2021). The combined use of progressive and block freeze concentration in lactose-free milk: Effect of process parameters and influence on the content of carbohydrates and proteins. *Journal of Food Process Engineering*, doi:[10.1111/jfpe.13867](https://doi.org/10.1111/jfpe.13867)

Perramon, A., Soriano-Arandes, A., Pino, D., Lazcano, U., Andrés, C., Català, M., Gatell A., Carulla, M., Canadell, D., Ricós, G., Riera-Bosch, M.T., Burgaya, S., Salvadó, O., Cantero, J., Vilà, M., Poblet, M., Sánchez, A., Ristol, A.M., Serrano, P., Antón, A., **Prats, C.**, Soler-Palacin, P. (2021). Schools as a framework for COVID-19 epidemiological surveillance of children in catalonia, spain: A population-based study. *Frontiers in Pediatrics*, 9 doi:[10.3389/fped.2021.754744](https://doi.org/10.3389/fped.2021.754744)

