

RELACION DE ARTICULOS PREMIADOS POR MES

octubre 2023: Camino LP, Dutta A, Barroso S, Pérez-Calero C, Katz JN, García-Rubio M, Sung P, Gómez-González B, Aguilera A. DICER ribonuclease removes harmful R-loops. *Mol Cell*. 2023 Oct 19;83(20):3707-3719.e5. doi:10.1016/j.molcel.2023.09.021.

noviembre 2023: Rubio-Contreras D, Gómez-Herreros F. TDP1 suppresses chromosomal translocations and cell death induced by abortive TOP1 activity during gene transcription. *Nat Commun*. 2023 Nov 9;14(1):6940. doi:10.1038/s41467-023-42622-7.

diciembre 2023: Miró, J.M., Megina, C., Donázar-Aramendía, I., García-Gómez, J.C. Effects of freshet events on early life stages of fish and macroinvertebrates in a highly turbid estuary of Iberian Peninsula. *Estuaruarine Coastal and Shelf Science* 2023. 295, 108559. doi:10.1016/j.ecss.2023.108559

enero 2024: Sempere-Valverde J, Castro-Cadenas MD, Guerra-García JM, Espinosa F, García-Gómez JC, Ros M. Buoys are non-indigenous fouling hotspots in marinas regardless of their environmental status and pressure. *Sci Total Environ*. 2024 Jan 20; 909:168301.

doi: 10.1016/j.scitotenv.2023.168301.

febrero 2024: Simón-Porcar V, Escudero M, Santos-Gally R, Sauquet H, Schönenberger J, Johnson SD, Arroyo J. Convergent evolutionary patterns of heterostyly across angiosperms support the pollination-precision hypothesis. *Nat Commun*. 2024 Feb 9;15(1):1237. doi: 10.1038/s41467-024-45118-0.

marzo 2024: Puglielli G, Bricca A, Chelli S, Petruzzellis F, Acosta ATR, Bacaro G, Beccari E, Bernardo L, Bonari G, Bolpagni R, Boscutti F, Calvia G, Campetella G, Cancellieri L, Canullo R, Carbognani M, Carboni M et al. Intraspecific variability of leaf form and function across habitat types. *Ecol Lett*. 2024 Mar;27(3):e14396. doi:10.1111/ele.14396.

abril 2024: Mérida-Cerro JA, Maraver-Cárdenas P, Rondón AG, Aguilera A. Rat1 promotes premature transcription termination at R-loops. *Nucleic Acids Res*. 2024 Apr 24;52(7):3623-3635. doi: 10.1093/nar/gkae033.2

mayo 2024: Salas-Lloret D, García-Rodríguez N, Soto-Hidalgo E, González-Vinceiro, L, Espejo-Serrano C, Giebel L, Mateos-Martín ML, de Ru AH, van Veelen PA, Huertas P, Vertegaal ACO, **González-Prieto R**. BRCA1/BARD1 ubiquitinates PCNA in unperturbed conditions to promote continuous DNA synthesis. *Nat Commun*. 2024 May 20;15(1):4292. doi: 10.1038/s41467-024-48427-6.

junio 2024: Talaverón R, Morado-Díaz CJ, Herrera A, Gálvez V, Pastor AM, Matarredona ER. The Gap Junction Inhibitor Octanol Decreases Proliferation and Increases Glial Differentiation of Postnatal Neural Progenitor Cells. *Int J Mol Sci*. 2024 Jun 7;25(12):6288. doi:10.3390/ijms25126288.

julio 2024: Ortega-Martínez P, Nikkanen L, Wey LT, Florencio FJ, Allahverdiyeva Y, Díaz-Troya S. Glycogen synthesis prevents metabolic imbalance and disruption of photosynthetic electron transport from photosystem II during transition to photomixotrophy in *Synechocystis* sp. PCC 6803. *New Phytol*. 2024 Jul;243(1):162-179. doi: 10.1111/nph.19793.

agosto 2024: Mora-Romero B, Capelo-Carrasco N, **Pérez-Moreno JJ**, Alvarez-Vergara MI, Trujillo-Estrada L, Romero-Molina C, Martinez-Marquez E, Morano-Catalan N, Vizuite M, Lopez-Barneo J, Nieto-Gonzalez JL, Garcia-Junco-Clemente P, Vitorica J, Gutierrez A, Macias D, Rosales-Nieves AE, Pascual A. Microglia mitochondrial complex I deficiency during development induces glial dysfunction and early lethality. *Nat Metab*. 2024 Aug;6(8):1479-1491. doi:10.1038/s42255-024-01081-0.