



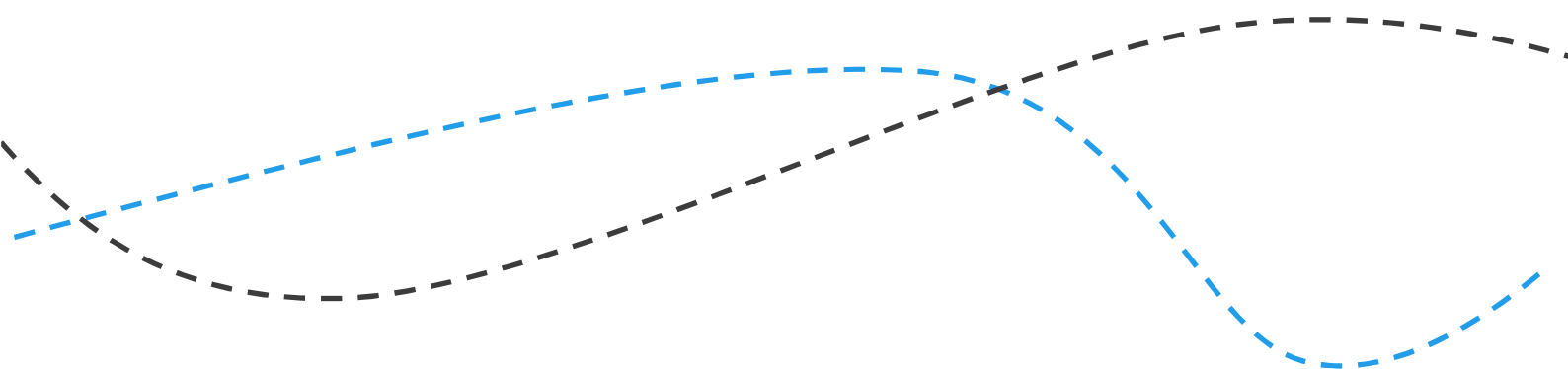
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Novembre-desembre 2018

Informe bibliomètric bimestral Campus Baix Llobregat.

Base de dades Scopus. Novembre-desembre 2018¹

EETAC

- Amell, A., Roso-Llorach, A., Palomero, L., Cuadras, D., Galván-Femenía, I., Serra-Musach, J., [Comellas, F.](#), de Cid, R., Pujana, M.A., Violán, C. (2018). Disease networks identify specific conditions and pleiotropy influencing multimorbidity in the general population. *Scientific Reports*, 8(1). DOI: [10.1038/s41598-018-34361-3](https://doi.org/10.1038/s41598-018-34361-3)
- Aranda, J., Nin Guerrero, J., & [Herranz, J.](#) (2018). Answering multiple aggregate queries under a specific privacy condition. Paper presented at the *Proceedings - International Computer Software and Applications Conference*, 1 661-666.
DOI: [10.1109/COMPSAC.2018.00099](https://doi.org/10.1109/COMPSAC.2018.00099)
- Benedito, E., Doria-Cerezo, A., Kunusch, C., & [Olm, J. M.](#) (2018). Traffic flow-oriented design and analysis of an adaptive cruise control system. Paper presented at the *Proceedings - IEEE International Symposium on Circuits and Systems, 2018-May*. DOI: [10.1109/ISCAS.2018.8351564](https://doi.org/10.1109/ISCAS.2018.8351564)
- Careglio, D., [Spadaro, S.](#), Cabellos, A., Lazaro, J. A., Perelló, J., Barlet, P., Gené, J.M. & Paillissé, J. (2018). ALLIANCE project: Architecting a knowledge-defined 5G-enabled network infrastructure. Paper presented at the *International Conference on Transparent Optical Networks, 2018-July*. DOI: [10.1109/ICTON.2018.8473626](https://doi.org/10.1109/ICTON.2018.8473626)
- Carrizo, C. E., Calvo, R. M., & [Belmonte, A.](#) (2018). Speckle-based sequential optimization of adaptive receivers in downlink laser communications. Paper presented at the *Proceedings of SPIE - the International Society for Optical Engineering*, 10787. DOI: [10.1117/12.2325675](https://doi.org/10.1117/12.2325675)

¹ Articles obtinguts a la base de dades Scopus. Data de la cerca 08/01/2019

Elayoubi, K., Rissons, A., & [Belmonte, A.](#) (2018). Optical test bench experiments for 1-Tb/s satellite feeder uplinks. Paper presented at the *Proceedings of SPIE - the International Society for Optical Engineering*, 10770. DOI: [10.1117/12.2317728](https://doi.org/10.1117/12.2317728)

García-Berro, E., [Torres, S.](#), Althaus, L. G., & Córscico, A. H. (2018). White dwarf constraints on a secularly varying gravitational constant. Paper presented at the *14th Marcel Grossman Meeting on Recent Developments in Theoretical and Experimental General Relativity, Astrophysics and Relativistic Field Theories, Proceedings*, 3651-3656. DOI: [10.1142/9789813226609_0475](https://doi.org/10.1142/9789813226609_0475)



[Gilabert, P. L.](#), Lopez-Bueno, D., & [Montoro, G.](#) (2018). Spectral weighting orthogonal matching pursuit algorithm for enhanced out-of-band digital predistortion linearization. *IEEE Transactions on Circuits and Systems II: Express Briefs*. DOI: [10.1109/TCSII.2018.2878581](https://doi.org/10.1109/TCSII.2018.2878581)

[Gil-Pons, P.](#), Doherty, C. L., [Gutiérrez, J. L.](#), Siess, L., Campbell, S. W., Lau, H. B., & Lattanzio, J. C. (2018). Primordial to extremely metal-poor AGB and super-AGB stars: White dwarf or supernova progenitors? *Publications of the Astronomical Society of Australia*, DOI: [10.1017/pasa.2018.42](https://doi.org/10.1017/pasa.2018.42)

[Hernandez-Serrano, J.](#), Munoz, J. L., [Leon, O.](#), Mikkelsen, L., Schwefel, H., & Broring, A. (2018). Privacy risk analysis in the IoT domain. Paper presented at the *2018 Global Internet of Things Summit, GloTS 2018*. DOI: [10.1109/GIOTS.2018.8534534](https://doi.org/10.1109/GIOTS.2018.8534534)

[Herranz, J.](#), & Sáez, G. (2018). *Secret sharing schemes for (k, n)-consecutive access structures*. DOI: [10.1007/978-3-030-00434-7_23](https://doi.org/10.1007/978-3-030-00434-7_23)

Jain, A., [Lopez-Aguilera, E.](#), & Demirkol, I. (2018). Evolutionary 4G/5G network architecture assisted efficient handover signaling. *IEEE Access*. DOI: [10.1109/ACCESS.2018.2885344](https://doi.org/10.1109/ACCESS.2018.2885344)

Jiménez-Esteban, F. M., [Torres, S.](#), [Rebassa-Mansergas, A.](#), Skorobogatov, G., Solano, E., Cantero, C., & Rodrigo, C. (2018). A white dwarf catalogue from gaia-DR2 and the

virtual observatory. *Monthly Notices of the Royal Astronomical Society*, 480(4), 4505-4518.

DOI: [10.1093/MNRAS/STY2120](https://doi.org/10.1093/MNRAS/STY2120)

Khalili, H., Khodashenas, P. S., [Rincon, D.](#), Siddiqui, S., [Piney, J. R.](#), & [Sallent, S.](#) (2018).

Design considerations for an energy-aware SDN-based architecture in 5G EPON nodes.

Paper presented at the *International Conference on Transparent Optical Networks*,

2018-July. DOI: [10.1109/ICTON.2018.8473727](https://doi.org/10.1109/ICTON.2018.8473727)

Kusch, C., [Rué, J.](#), Spiegel, C., & Szabó, T. (2018). On the optimality of the uniform random

strategy. *Random Structures and Algorithms*. DOI: [10.1002/rsa.20829](https://doi.org/10.1002/rsa.20829)

Marin-Tordera, E., Masip-Bruin, X., Otero, B., & [Rodríguez, E.](#) (2018). Virtualizing the edge:

Needs, opportunities and trends. Paper presented at the *Proceedings - 2018 IEEE 6th*

International Conference on Future Internet of Things and Cloud, FiCloud 2018, 385-

392. DOI: [10.1109/FiCloud.2018.00062](https://doi.org/10.1109/FiCloud.2018.00062)

Montero, R., Agraz, F., Pages, A., & [Spadaro, S.](#) (2018). End-to-end 5G service deployment

and orchestration in optical networks with QoE guarantees. Paper presented at

the *International Conference on Transparent Optical Networks, 2018-*

July. DOI: [10.1109/ICTON.2018.8473996](https://doi.org/10.1109/ICTON.2018.8473996)

Parsons, S. G., Gänsicke, B. T., Marsh, T. R., Ashley, R. P., Breedt, E., Burleigh, M. R.,

Copperwheat, C.M., Dhillon, V.S., Green, M.J., Hermes, J.J., Irawati, P., Kerry, P.,

Littlefair, S.P., [Rebassa-Mansergas, A.](#), Sahman, D.I., Schreiber, M.R. & Zorotovic, M.

(2018). The scatter of the M dwarf mass-radius relationship. *Monthly Notices of the*

Royal Astronomical Society, 481(1), 1083-1096. DOI: [10.1093/MNRAS/STY2345](https://doi.org/10.1093/MNRAS/STY2345)

Rony, R. I., [Lopez-Aguilera, E.](#), & [Garcia-Villegas, E.](#) (2018). Access-aware backhaul

optimization in 5G. Paper presented at the *MobiWac 2018 - Proceedings of the 16th*

ACM International Symposium on Mobility Management and Wireless Access, 124-127.

DOI: [10.1145/3265863.3265881](https://doi.org/10.1145/3265863.3265881)



[Royo, P.](#), [Pastor, E.](#), [Macias, M.](#), [Cuadrado, R.](#), [Barrado, C.](#), & Vargas, A. (2018). An unmanned aircraft system to detect a radiological point source using RIMA software architecture. *Remote Sensing*, 10(11). DOI: [10.3390/rs10111712](https://doi.org/10.3390/rs10111712)

Segarra, J., [Sales, V.](#), & Prat, J. (2018). Flexible mobile fronthaul with coherent UDWDM-PON. Paper presented at the *International Conference on Transparent Optical Networks, 2018-July*. DOI: [10.1109/ICTON.2018.8473897](https://doi.org/10.1109/ICTON.2018.8473897)

Sekulic, I., [Ubeda, E.](#), & Rius, J. M. (2018). Versatile and accurate electromagnetic analysis of piecewise homogeneous composite objects. Paper presented at the *IET Conference Publications, 2018(CP741)*. DOI: [10.1049/cp.2018.0824](https://doi.org/10.1049/cp.2018.0824)

Tsirakis, C., [Lopez-Aguilera, E.](#), Matzoros, P., Agapiou, G., & Varoutas, D. (2018). Spectrum trading in virtualized multi-tenant 5G networks. Paper presented at the *Proceedings of the International Symposium on Wireless Communication Systems, 2018-August*. DOI: [10.1109/ISWCS.2018.8491072](https://doi.org/10.1109/ISWCS.2018.8491072)

ESAB

Ahmad, N. M. R., Montañola-Sales, C., [Prats, C.](#), Musa, M., [López, D.](#), & Casanovas-Garcia, J. (2018). Analyzing policymaking for tuberculosis control in Nigeria. *Complexity*, 2018. DOI: [10.1155/2018/9253846](https://doi.org/10.1155/2018/9253846)

Cáceres, J., Hernando, C., Mora, M., [Pelayo, I. M.](#), & Puertas, M. L. (2018). [General bounds on limited broadcast domination](#). *Discrete Mathematics and Theoretical Computer Science*, 20(2)

Cardona, P., Català, M., Arch, M., Arias, L., Alonso, S., Cardona, P., [López, D.](#), Vilaplana, C. & [Prats, C.](#) (2018). Can systems immunology lead tuberculosis eradication? *Current Opinion in Systems Biology*, 12, 53-60. DOI: [10.1016/j.coisb.2018.10.004](https://doi.org/10.1016/j.coisb.2018.10.004)

Díez, M. J., De la Rosa, L., Martín, I., Guasch, L., Cartea, M. E., Mallor, C., [Casals, J.](#), [Simó, J.](#), [Rivera, A.](#), Anastasio, G., Prohens, J., Soler, S., Blanca, J., Valcárcel, J.V., & [Casañas, F.](#) (2018). *Plant genebanks: Present situation and proposals for their improvement. the case of the spanish network*. DOI: [10.3389/fpls.2018.01794](https://doi.org/10.3389/fpls.2018.01794)

García-Ramos, F. J., Badules, J., Boné, A., [Gil, E.](#), Aguirre, A. J., & Vidal, M. (2018). Application of an acoustic doppler velocimeter to analyse the performance of the hydraulic agitation system of an agricultural sprayer. *Sensors (Basel, Switzerland)*, 18(11). DOI: [10.3390/s18113715](https://doi.org/10.3390/s18113715)



Hernando, C., Mora, M., & [Pelayo, I. M.](#) (2018). Locating domination in bipartite graphs and their complements. *Discrete Applied Mathematics*. DOI: [10.1016/j.dam.2018.09.034](https://doi.org/10.1016/j.dam.2018.09.034)

Javier García-Ramos, F., Badules, J., Boné, A., [Gil, E.](#), Javier Aguirre, A., & Vidal, M. (2018). Application of an acoustic doppler velocimeter to analyse the performance of the hydraulic agitation system of an agricultural sprayer. *Sensors (Switzerland)*, 18(11). DOI: [10.3390/s18113715](https://doi.org/10.3390/s18113715)



Leveau, J. H. J., Hellweger, F. L., Kreft, J., [Prats, C.](#), & Zhang, W. (2018). Editorial: The individual microbe: Single-cell analysis and agent-based modelling. *Frontiers in Microbiology*, 9(NOV). DOI: [10.3389/fmicb.2018.02825](https://doi.org/10.3389/fmicb.2018.02825)

Loddo, D., Bozic, D., Calha, I. M., Dorado, J., [Izquierdo, J.](#), Šćepanović, M., Barić, K., Carlesi, S., Leskovsek, R., Peterson, D., Vasileiadis, V.P., Veres, A., Vrbničanin, S., & Masin, R. (2018). Variability in seedling emergence for european and north american populations of abutilon theophrasti. *Weed Research*. DOI: [10.1111/wre.12343](https://doi.org/10.1111/wre.12343)

Mbarek, W. B., [Pineda, E.](#), Escoda, L., Suñol, J. J., & Khitouni, M. (2018). Dealloying of cu-mg-ca alloys. *Metals*, 8(11). DOI: [10.3390/met8110919](https://doi.org/10.3390/met8110919)



[Casals Missio, J.](#), [Rivera, A.](#), Figàs, M. R., Casanova, C., Camí, B., Soler, S., & [Simó, J.](#) (2018). *A comparison of landraces vs. modern varieties of lettuce in organic farming*

during the winter in the mediterranean area: An approach considering the viewpoints of breeders, consumers, and farmers. DOI: [10.3389/fpls.2018.01491](https://doi.org/10.3389/fpls.2018.01491)

Recasens, X., & [Alfranca, O.](#) (2018). Production of ornamental plants and cut flowers in peri-urban areas: An economic and environmental analysis of the barcelona metropolitan region, spain. Paper presented at the *WIT Transactions on the Built Environment*, 179 245-255. DOI: [10.2495/UG180231](https://doi.org/10.2495/UG180231)



[Rivera, A.](#), Plans, M., Sabaté, J., [Casañas, F.](#), [Casals, J.](#), Rull, A., & [Simó, J.](#) (2018). *The spanish core collection of common beans (phaseolus vulgaris L.): An important source of variability for breeding chemical composition.* DOI: [10.3389/fpls.2018.01642](https://doi.org/10.3389/fpls.2018.01642)