

Artículos publicados en Scopus en el segundo cuatrimestre de 2019, de autores que firman con la Afiliación: Escuela Politécnica Superior, Universidad de Sevilla

Mayo 2019

1.	<a href="#">Evaluation of the airborne pollution by emerging contaminants using bitter orange (Citrus aurantium) tree leaves as biosamplers</a>	Barroso, P.J., Martín, J., Santos, J.L., Aparicio, I., Alonso, E.	2019	<i>Science of the Total Environment</i> , 677, pp. 484-492.
2.	<a href="#">Distribution of <sup>236</sup>U in the U.S. GEOTRACES Eastern Pacific Zonal Transect and its use as a water mass tracer</a>	Villa-Alfageme, M., Chamizo, E., Kenna, T.C., (...), Masqué, P., Christl, M.	2019	<i>Chemical Geology</i> , 517, pp. 44-57.
3.	<a href="#">Copper-nitroxide based breathing crystals: A unified mechanism of gradual magnetostructural transition supported by quantum chemistry calculations</a>	Sánchez-De-Armas, R., Cruz Hernández, N., Calzado, C.J.	2019	<i>Inorganic Chemistry Frontiers</i> , 6(5), pp. 1228-1237.
4.	<a href="#">Development of superabsorbent soy protein-based bioplastic matrices with incorporated zinc for horticulture</a>	Jiménez-Rosado, M., Perez-Puyana, V., Cordobés, F., Romero, A., Guerrero, A.	2019	<i>Journal of the Science of Food and Agriculture</i> .
5.	<a href="#">Camphene/polystyrene solutions: A rheological approach for material processing industry</a>	Felix, M., Perez-Puyana, V., Paúl, A., Sepúlveda, R.	2019	<i>Journal of Applied Polymer Science</i> , art. no. 47953.
6.	<a href="#">A survey on optimization techniques applied to magnetic field mitigation in power systems</a>	Bravo-Rodríguez, J.C., Del-Pino-López, J.C., Cruz-Romero, P.	2019	<i>Energies</i> , 12(7), art. no. 1332.
7.	<a href="#">Highly porous protein-based 3D scaffolds with different collagen concentrates for potential application in tissue engineering</a>	Perez-Puyana, V.M., Jiménez-Rosado, M., Romero, A., Guerrero, A.	2019	<i>Journal of Applied Polymer Science</i> , art. no. 47954.
8*.	<a href="#">Soliton ratchet induced by random transitions among symmetric sine-Gordon potentials</a>	Casado-Pascual, J., Sánchez-Rey, B., Quintero, N.R.	2019	<i>Chaos Volume 29, Issue 5, 1 May 2019, Article number 053119</i>

Junio 2019

	Document Title	Authors	Year	Source
1.	<a href="#">Accelerator Mass Spectrometry of <sup>237</sup>Np, <sup>239</sup>Pu and <sup>240</sup>Pu for environmental studies at the Centro Nacional de Aceleradores</a>	López-Lora, M., Chamizo, E.	2019	<i>Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms</i> , 455, pp. 39-51.
2.	<a href="#">SiOx by magnetron sputtered revisited: Tailoring the photonic properties of multilayers</a>	García-Valenzuela, A., Alvarez, R., Espinós, J.P., (...), Palmero, A., Gonzalez-Elipse, A.R.	2019	<i>Applied Surface Science</i> , 488, pp. 791-800.
3.	<a href="#">Manufacturing optimisation of an original nanostructured (beta + gamma)-TiNbTa material</a>	García-Garrido, C., Gutiérrez-González, C., Torrecillas, R., (...), Salvo, C., Chicardi, E.	2019	<i>Journal of Materials Research and Technology</i> , 8(3), pp. 2573-2585.
4.	<a href="#">Induced localized nonlinear modes in an electrical lattice</a>	Palmero, F., Cuevas-Maraver, J., English, L.Q., Li, W., Chacón, R.	2019	<i>Physica Scripta</i> , 94(6), art. no. 065210.
5.	<a href="#">Exploiting the symmetry of integral transforms for featuring anuran calls</a>	Luque, A., Gómez-Bellido, J., Carrasco, A., Barbancho, J.	2019	<i>Symmetry</i> , 11(3), art. no. 405.
6.	<a href="#">Assessment of the denaturation of collagen protein concentrates using different techniques</a>	Perez-Puyana, V., Ostos, F.J., López-Cornejo, P., Romero, A., Guerrero, A.	2019	<i>Biological Chemistry</i> .
7.	<a href="#">Formation of soy protein-based superabsorbent materials through optimization of a thermal processing</a>	Álvarez-Castillo, E., Del Toro, A.J., Aguilar, J.M., Guerrero, A., Bengoechea, C.	2019	<i>Afinidad</i> , 76(585), pp. 23-29.
8.	<a href="#">Inulin and β-lactoglobulin as stabilizers of prebiotic emulsions</a>	López-Castejón, M.L., Bengoechea, C., Espinosa, S., Carrera, C.	2019	<i>Afinidad</i> , 76(585), pp. 12-22.
9* <sup>i</sup> .	<a href="#">Length-scale competition in the parametrically driven nonlinear Dirac equation with a spatially periodic force</a>	Niurka R Quintero , Bernardo Sánchez-Rey, Fred Cooper and Franz G Mertens	2019	<i>Theor.</i> 52 (2019) 285201

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1.	<a href="#">Assessment of the microstructural characteristics and the in vitro bioactive properties of sunflower oil-based emulsions stabilized by fava bean (vicia faba) protein</a>	Felix, M., Cermeño, M., FitzGerald, R.J.	2019	<i>Food Hydrocolloids</i> , 97, art. no. 105220.
2.	<a href="#">Bioactive glass (45S5)-based 3D scaffolds coated with magnesium and zinc-loaded hydroxyapatite nanoparticles for tissue engineering applications</a>	Dittler, M.L., Unalan, I., Grünewald, A., (...), Gonzalez, M.C., Boccaccini, A.R.	2019	<i>Colloids and Surfaces B: Biointerfaces</i> , 182, art. no. 110346.
3.	<a href="#">Bifurcation Patterns in Homogeneous Area-Preserving Piecewise-Linear Maps</a>	Garcia-Morato, L.B., Macias, E.F., Nuñez, E.P., Peral, F.T.	2019	<i>Qualitative Theory of Dynamical Systems</i> , 18(2), pp. 547-582.
4.	<a href="#">What do university students know about sustainable development goals? A realistic approach to the reception of this UN program amongst the youth population</a>	Zamora-Polo, F., Sánchez-Martín, J., Corrales-Serrano, M., Espejo-Antúnez, L.	2019	<i>Sustainability (Switzerland)</i> , 11(13), art. no. 3533.
5.	<a href="#">Effect of heat treatment on apatite coatings deposited on pre-calcified titanium substrates</a>	Beltrán, A.M., Martín-Santana, Y., González, J.E., (...), Gotor, F.J., Torres, Y.	2019	<i>Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques</i> , 110(4), pp. 351-358.
6.	<a href="#">Titanium - castor oil based polyurethane composite foams for bone tissue engineering</a>	Aguilar-Pérez, F.J., Vargas-Coronado, R.F., Cervantes-Uc, J.M., (...), Rodríguez-Ortiz, J.A., Torres-Hernández, Y.	2019	<i>Journal of Biomaterials Science, Polymer Edition</i> .
7.	<a href="#">Distributed charging prioritization methodology based on evolutionary computation and virtual</a>	Guerrero, J.I., Personal, E., García, A., (...), Pérez, F., León, C.	2019	<i>Energies</i> , 12(12), art. no. 2402.

	Document Title	Authors	Year	Source
	<a href="#">power plants to integrate electric vehicle fleets on smart grids</a>			

Agosto 2019

	Document Title	Authors	Year	Source
1.	<a href="#">Exposure assessment to parabens, bisphenol A and perfluoroalkyl compounds in children, women and men by hair analysis</a>	Martín, J., Santos, J.L., Aparicio, I., Alonso, E.	2019	<i>Science of the Total Environment</i> , 695, art. no. 133864.
2.	<a href="#">Effect of cinnamaldehyde on interfacial rheological properties of proteins adsorbed at O/W interfaces</a>	Felix, M., Yang, J., Guerrero, A., Sagis, L.M.C.	2019	<i>Food Hydrocolloids</i> , 97, art. no. 105235.
3.	<a href="#">Bioplastics based on wheat gluten processed by extrusion</a>	Jiménez-Rosado, M., Zarate-Ramírez, L.S., Romero, A., (...), Partal, P., Guerrero, A.	2019	<i>Journal of Cleaner Production</i> , 239, art. no. 117994.
4.	<a href="#">Levels of radionuclide concentrations in benthic invertebrate species from the Balearic Islands, Western Mediterranean, during 2012–2018</a>	Hurtado-Bermúdez, S., Valencia, J.M., Rivera-Silva, J., (...), Santos, J.L., Alonso, E.	2019	<i>Marine Pollution Bulletin</i> , 149, art. no. 110519.
5.	<a href="#">Crosslinking of hybrid scaffolds produced from collagen and chitosan</a>	Perez-Puyana, V., Jiménez-Rosado, M., Romero, A., Guerrero, A.	2019	<i>International Journal of Biological Macromolecules</i> , 139, pp. 262-269.
6.	<a href="#">Speed-of-light pulses in a massless nonlinear Dirac equation</a>	Cuevas-Maraver, J., Kevrekidis, P.G., Mertens, F.G., Saxena, A.	2019	<i>Physical Review E</i> , 100(2), art. no. 022210.
7.	<a href="#">Teaching for a better world. Sustainability and Sustainable Development Goals in the construction of a change-maker university</a>	Zamora-Polo, F., Sánchez-Martín, J.	2019	<i>Sustainability (Switzerland)</i> , 11(15), art. no. 4224.
8.	<a href="#">Gelatin vs collagen-based sponges: evaluation of concentration, additives and biocomposites</a>	Perez-Puyana, V., Jiménez-Rosado, M., Rubio-Valle, J.F., Guerrero, A., Romero, A.	2019	<i>Journal of Polymer Research</i> , 26(8), art. no. 190.
9.	<a href="#">A comprehensive approach from interfacial to bulk properties of legume protein-</a>	Félix, M., Romero, A., Carrera-Sanchez, C., Guerrero, A.	2019	<i>Fluids</i> , 4(2), art. no. 65.

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	<a href="#">stabilized emulsions</a>			
10.	<a href="#">Effect of concentration on plasma protein-based superabsorbent materials</a>	Álvarez-Castillo, E., Bengoechea, C., Guerrero, A.	2019	<i>Afinidad</i> , 76(586), pp. 103-110.
11.	<a href="#">Routine analytical method for monitoring the main metabolites for a recurrent group of parabens and pharmaceuticals in wastewater and tap water</a>	Malvar, J.L., Santos, J.L., Martín, J., Aparicio, I., Alonso, E.	2019	<i>Analytical and Bioanalytical Chemistry</i> .

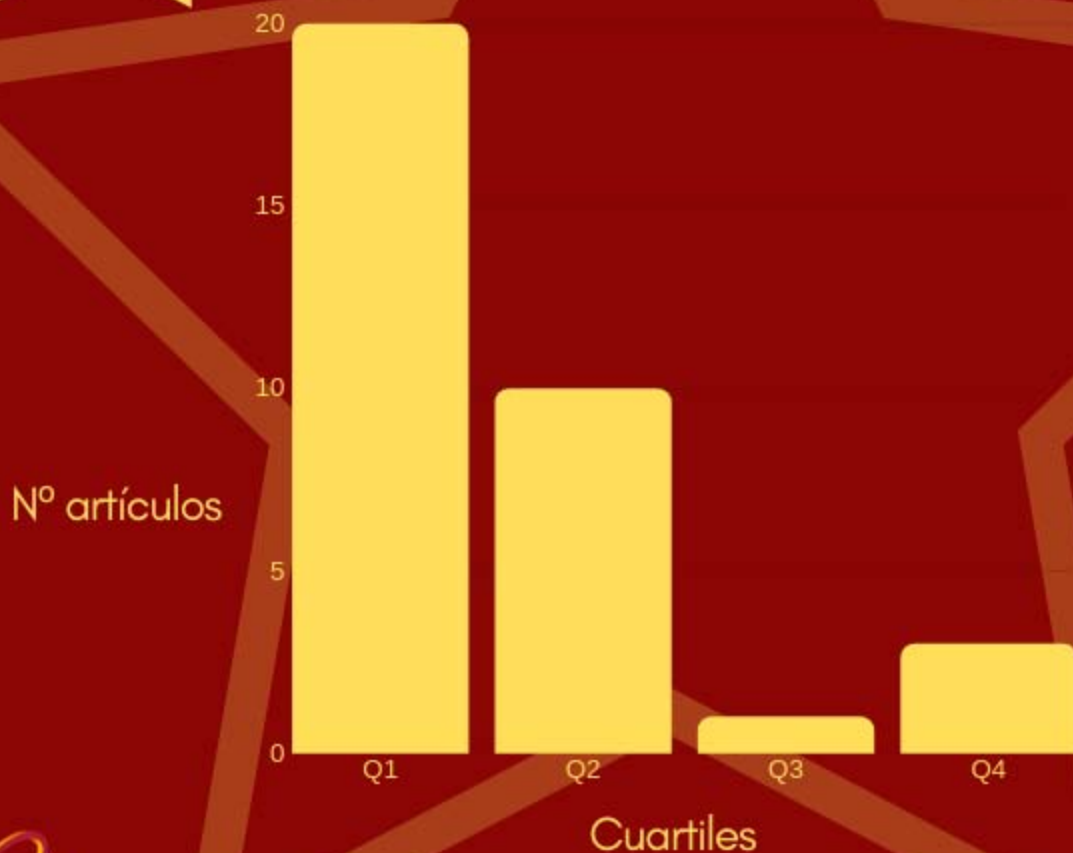
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\*Segundo cuatrimestre 2019\*

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Artículos publicados en revistas situadas en los primeros cuartiles de sus categorías temáticas.



\*NOTA: Uno de los artículos está publicado en una revista de reciente aparición sin cuartil calculado, por lo que no está incluido en esta gráfica.

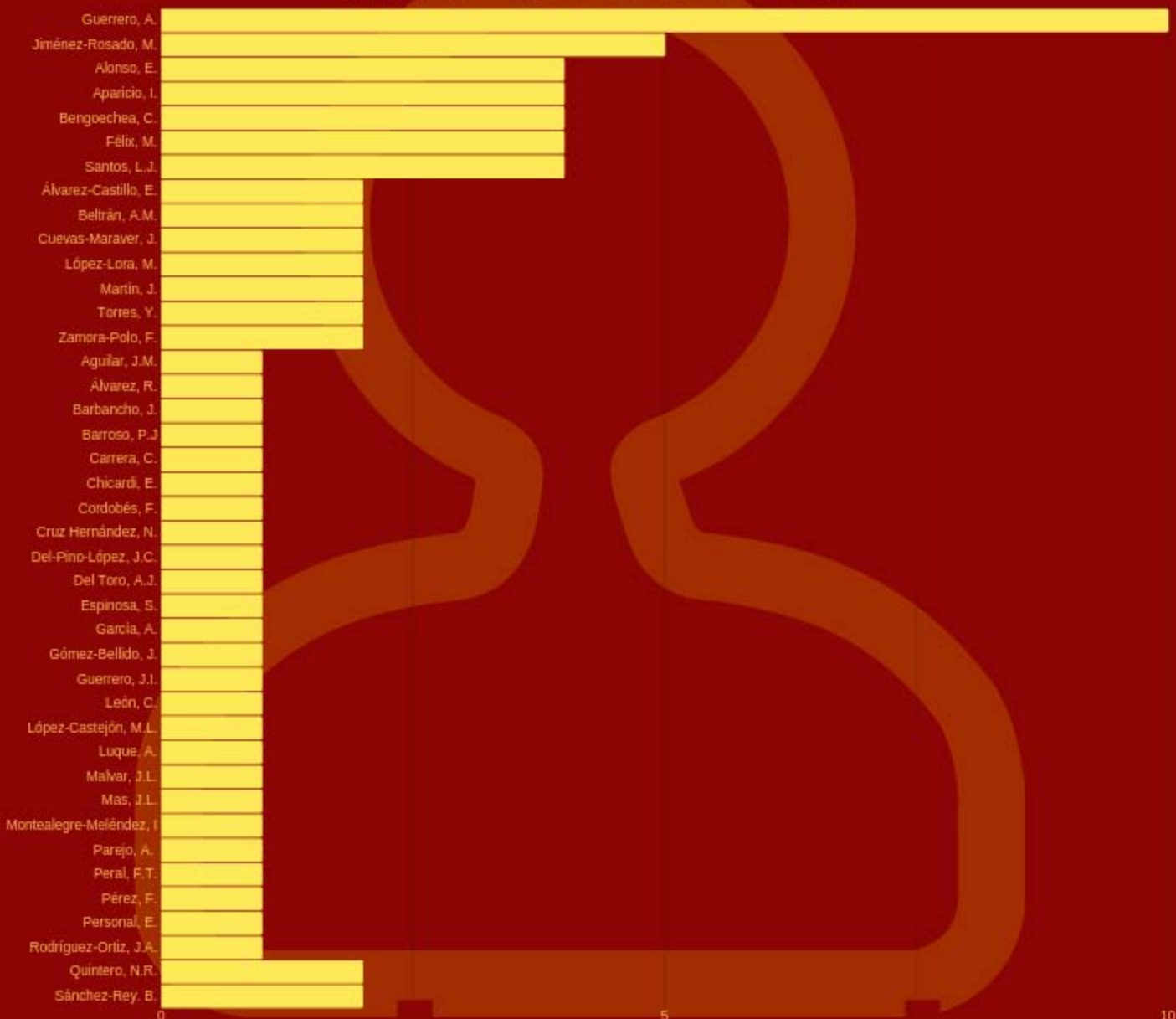




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