

# 2023

Artículos científicos del año 2023 indexados en Journal Citation Reports (JCR).

Título	Revista	Autores	Cuartil
<a href="#"><u>Deep eutectic solvents for improved biomass pretreatment: Current status and future prospective towards sustainable processes</u></a>	Bioresource Technology	María del Mar Contreras-Gámez, Angel Galán-Martín, Nalin Seixas, André M. da Costa Lopes, Armando Silvestre, Eulogio Castro	Q1
<a href="#"><u>Ag(I) biosorption and green synthesis of silver/silver chloridenanoparticles by <i>Rhodotorula mucilaginosa</i> 1S1</u></a>	Nanomaterials	Antonio J. Muñoz , Francisco Espínola, Encarnación Ruiz, Manuel Moya, Eulogio Castro	Q1
<a href="#"><u>Biological hydrogen and furfural production from steam-exploded vine shoots</u></a>	Renewable Energy	Eulogio Castro, Camila A.B. Silva Rabelo, Carmen Padilla-Rascón, Alfonso M. Vidal, Juan C. López-Linares, Maria Bernadete A. Varesche, Inmaculada Romero	Q1
<a href="#"><u>Multicomponent biorefinery based on combined acid/alkaline-oxidative treatment of olive stones</u></a>	Process Safety and Environmental Protection	Carmen Padilla-Rascón, Juan Miguel Romero-García, Encarnación Ruiz, Inmaculada Romero, Eulogio Castro	Q1
<a href="#"><u>Vine shoots pre-treatment strategies for improved hydrogen production and metabolites redistribution in <i>Clostridium butyricum</i></u></a>	Industrial Crops and Products	Camila A.B. Silva Rabelo, Alfonso M. Vidal, Rocío Casanova-González, Juan Miguel Romero-García, Maria Bernadete A. Varesche, Inmaculada Romero, Eulogio Castro	Q1
<a href="#"><u>Pretreatment and bioconversion for valorization of residues of non-edible oilseeds</u></a>	Agronomy	Eulogio Castro, Knut Olav Strætkvern, Juan M. Romero-García, Carlos Martín	Q1
<a href="#"><u>Bioethanol production from steam-exploded barley straw by co-fermentation with <i>Escherichia coli</i> SL100</u></a>	Agronomy	Manuel J. Díaz, Manuel Moya, Eulogio Castro	Q1
<a href="#"><u>Development of a biorefinery from olive mill leaves: Comparison of different process configurations</u></a>	Industrial Crops and Products	Juan Carlos López-Linares, Juan Miguel Romero-García, Inmaculada Romero, Encarnación Ruiz, Eulogio Castro	Q1
<a href="#"><u>Strategies for the purification of hydroxytyrosol-rich extracts obtained from exhausted olive pomace</u></a>	Separation and Purification Technology	Irene Gómez-Cruz, María del Mar Contreras, Inmaculada Romero, Belina Ribeiro, Luisa B. Roseiro, Luís C. Duarte, Florbela Carvalheiro, Eulogio Castro	Q1

<a href="#"><u>Acorn gasification char valorisation in the manufacture of alkali activated materials</u></a>	Construction and Building Materials	M.A. Gómez-Casero, Luís Calado, Pedro Romano, D. Eliche-Quesada	Q1
<a href="#"><u>Influence of NaOH molarity and Portland cement addition on performance of alkali activated cements based in silicomanganese slags</u></a>	Construction and Building Materials	P. Delgado-Plana, A. García-Díaz, S. Bueno-Rodríguez, D. Eliche Quesada	Q1
<a href="#"><u>Fermentative valorisation of xylose-rich hemicellulosic hydrolysates from agricultural waste residues for lactic acid production under non-sterile conditions</u></a>	Waste Management	Rylan Cox, Vivek Narisetty, Eulogio Castro, Deepti Agrawal, Samuel Jacob, Gopalakrishnan Kumar, Deepak Kumar, Vinod Kumar	Q1
<a href="#"><u>Grapevine shoot extract rich in <i>trans</i>-resveratrol and <i>trans</i>-?-viniferin: evaluation of their potential use for cardiac health</u></a>	Foods	Contreras, M.d.M.; Feriani, A.; Gómez-Cruz, I.; Hfaiedh, N.; Harrath, A.H.; Romero, I.; Castro, E.; Tlili, N.	Q1
<a href="#"><u>HPLC-QTOF-MS analysis of <i>Polygonum maritimum</i> aerial parts extract and focus on the therapeutic potential against ethylene glycol-induced lithiasis in rats</u></a>	Food bioscience	Abir Najahi, Akrem Alaya, Afoua Mufti, Meriam Tir, María del Mar Contreras, Anouar Feriani, Abdel Halim Harrath, Najla Hfaiedh, Nizar Tlili	Q1
<a href="#"><u>Fe3O4@UiO-66-NH2 based on magnetic solid phase extraction for determination of organic UV filters in environmental water samples</u></a>	Chemosphere	Lamia Hejji, Abdelmonaim Azzouz, Luis Pérez-Villarejo, Eulogio Castro, Badredine Souhail, Enrique Rodríguez-Castellón	Q1
<a href="#"><u>Biocidal and synergistic effect of three types of biologically synthesised silver/silver chloride nanoparticles</u></a>	World Journal of Microbiology and Biotechnology	Antonio J. Muñoz, Francisco Espínola, Encarnación Ruiz, Manuel Moya, Eulogio Castro	Q2
<a href="#"><u>Apricot seed shells and walnut shells as unconventional sugars and lignin sources</u></a>	Molecules	Vita Halysh, Juan Miguel Romero-García, Alfonso M. Vidal, Tetiana Kulik, Borys Palianytsia, Minerva García, Eulogio Castro	Q2
<a href="#"><u>Integrated techno-economic and environmental assessment of biorefineries: review and future research directions</u></a>	Sustainable Energy and Fuels	Déborah Pérez-Almada, Ángel Galán-Martín, María del Mar Contreras, Eulogio Castro	Q2

[Crops with potential for diclosulam remediation and concomitant bioenergy production](#)

International Journal  
of Phytoremediation

Cícero Teixeira Silva, José Antonio Rojas-Chamorro, Gabriela Madureira Barroso, Márcia Vitoria Santos, Anderson Barbosa Evaristo, Leandro Diego da Silva, Eulogio Castro Galiano & José Barbosa dos Santos

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[Ephedra alata subsp. alenda as a novel source of bioactive phytochemicals: characterization based on the mass spectrometry and profiling of antioxidant and anti-inflammatory properties](#)

Life

Afoua Mufti, María Del Mar Contreras, Irene Gómez-Cruz, Abdullah Alshamrani, Saber Nahdi, Lamjed Mansour, Salah Alwasel, Abdel Halim Harrath, Nizar Tlili

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Life

Afoua Mufti, Anouar Feriani, María del Mar Contreras, Saber Nehdi, Najla Hfaeidh, Nizar Tlili, Abdel Halim Harrath

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[One-pot synthesis of green-emitting nitrogen-doped carbon dots from xylose](#)

Catalyst

G. Rodríguez-Carballo, C. García-Sancho, M. Algarra, E. Castro, R. Moreno-Tost

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