

ÁREA DE CIENCIA Y TECNOLOGÍA QUÍMICA

AGUA Y SALUD AMBIENTAL

INDEXADAS

Opportunities for biomass valorisation through sorption-enhanced gasification: assessing environmental and economic aspects on biochar production

Goldaraz-Salamero, Nuria; Baima, Lorenzo; Moles, Samuel; Sierra-Pérez, Jorge; Martínez, Isabel; Murillo, Ramón; Brun, Filippo; Blanc, Simone

867 BIORESOURCE TECHNOLOGY 434 132772 [9 pp.]

Factor de impacto W.O.S.: 9.7

[10.1016/j.biortech.2025.132772](https://doi.org/10.1016/j.biortech.2025.132772)

First evidence that antibiotic-resistant bacteria are inactivated by chemical species produced through the solar photosensitization of ciprofloxacin in water

Verbel-Olarte, Martha I.; Serna-Galvis, Efraím A.; Jiménez-López, David M.; Jojoa-Sierra, Sindy D.; Porras, Jazmín; Pulgarín, Cesar; Torres-Palma, Ricardo A.

5095 SCIENCE OF THE TOTAL ENVIRONMENT 963 178442 [12 pp.]

Factor de impacto W.O.S.: 8.2

[10.1016/j.scitotenv.2025.178442](https://doi.org/10.1016/j.scitotenv.2025.178442)

Towards the effective removal of environmental strains of bacteria from real wastewater by heterostructured photocatalysts

Larumbe, Nadia; Moles, Samuel; Hidalgo, M. Carmen; Rubio, Encarnación; Goñi, Pilar; Mosteo, Rosa

1062 Catalysis Today 449 115197 [8 pp.]

Factor de impacto W.O.S.: 5.2

[10.1016/j.cattod.2025.115197](https://doi.org/10.1016/j.cattod.2025.115197)

Kinetics and Isotherm Study of Ceftriaxone Removal Using Functionalized Biochar Combined with Photocatalysis

Cruz-Lopes, Luísa; Araújo, Rodrigo; Lopes, Ana Rita; Moles, Samuel; Romero-Sarria, Francisca; Esteves, Bruno4142 Molecules 30 21 4291 [23 pp.]

Factor de impacto W.O.S.: 4.6

[10.3390/molecules30214291](https://doi.org/10.3390/molecules30214291)

Analysis of Reported Cases of Giardia lamblia and Cryptosporidium spp. Infection in Children from Aragón (Northeast Spain) During the Period (2012-2021)

Lafarga-Molina, Laura; Rubio, Encarnación; Seral, Cristina; Rezusta, Antonio; Egido Lizán, Pilar; Malo Aznar, Carmen; Casanovas-Marsal, Josep-Oriol; Fernández Rodrigo, María Teresa; Goñi, Pilar

50579 Microorganisms 13 2 298 [14 pp.]

Factor de impacto W.O.S.: 4.1

[10.3390/microorganisms13020298](https://doi.org/10.3390/microorganisms13020298)

Remarkable events: learning to care through narratives in nursing students during clinical placements

Navas-Ferrer, Carlos; Torres-Enamorado, Dolores; Antón-Solanas, Isabel; Subirón-Valera, Ana Belén; Anguas-Gracia, Ana; Benito-Ruiz, Eva; Blázquez-Ornat, Isabel; Jiménez-Navascués, Lourdes; Fernández-Rodrigo, María Teresa; Orkaizagirre-Gómara, Aintzane; Germán-Bes, Concepción; Urcola-Pardo, Fernando

39850 BMC Nursing 24 1278 [10 pp.]

Factor de impacto W.O.S.: 3.9

[10.1186/s12912-025-03903-2](https://doi.org/10.1186/s12912-025-03903-2)

First report of a Bartholins gland abscess caused by Capnocytophaga ochracea

Ligero-López, Jorge; Goñi, Pilar; López-Alonso, Beatriz; Juan-Bañón, José Luis; Antón-Berenguer, Víctor; Beltrán-Rosel, Antonio

1796 EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES [4 pp.]

Factor de impacto W.O.S.: 3.7

[10.1007/s10096-025-05141-5](https://doi.org/10.1007/s10096-025-05141-5)

Sustainable Management of the Organic Fraction of Municipal Solid Waste: Microbiological Quality Control During Composting and Its Application in Agriculture on a Pilot Scale

Miguel, Natividad; López, Andrea; **Jojoa-Sierra, Sindy Dayana;** Gómez, Jairo; **Ormad, María P.**
34808 Sustainability (Switzerland) 17 9 4169 [14 pp.]
Factor de impacto W.O.S.: 3.3
[10.3390/su17094169](https://doi.org/10.3390/su17094169)

Enhanced tick species identification in a tertiary care hospital using MALDI-TOF MS: The role of peak numbers

Beltrán-Rosel, Antonio; Palomar, Ana M.; **Goñi, Pilar;** Benito, Rafael; López-Alonso, Beatriz; Ligeró-López, Jorge; Boquera-Albert, Amparo; Ducons-Márquez, María; Oteo, Jose A.
7827 Enfermedades Infecciosas y Microbiología Clínica [6 pp.]
Factor de impacto W.O.S.: 2.6
[10.1016/j.eimc.2024.12.016](https://doi.org/10.1016/j.eimc.2024.12.016)

Successful maintenance therapy with moxifloxacin for disseminated nocardiosis caused by Nocardia farcinica in a patient with Cushing's syndrome Escalante

Yangüela, Begoña; Ligeró López, Jorge; Venegas Robles, Alejandro; Urdaniz Borque, Rosana; Vallejo Grijalba, Juan; Bandrés Nivela, Orosia; Juan Bañón, José Luis; **Beltrán Rosel, Antonio** 1559
Diagnostic Microbiology and Infectious Disease 111 3 116718 [6 pp.]
Factor de impacto W.O.S.: 2.1
[10.1016/j.diagmicrobio.2025.116718](https://doi.org/10.1016/j.diagmicrobio.2025.116718)

Falciparum malaria in a child from Ghana with neutrophils showing phagocytosis of trophozoites, merozoites and possibly schizont

Beltrán-Rosel, Antonio; Ligeró-López, Jorge; López-Alonso, Beatriz; Boquera-Albert, Amparo; Ferreira-Ferreira, Ingrid; Collado-Hernández, Pilar; Rubio-Muñoz, José Miguel
7516 PARASITOLOGY INTERNATIONAL 106 103028 [3 pp.]
Factor de impacto W.O.S.: 1.5
[10.1016/j.parint.2025.103028](https://doi.org/10.1016/j.parint.2025.103028)

Streptococcus urinalis: A potential case of male urethritis caused by a novel pathogen

Ligeró-López, Jorge; **Beltrán-Rosel, Antonio;** Ducóns-Márquez, María; Escribano-Pardo, Daniel; Juan-Bañón, Jose Luis; López-Alonso, Beatriz
2645 INTERNATIONAL JOURNAL OF STD & AIDS
Factor de impacto W.O.S.: 1.3
[10.1177/09564624251365133](https://doi.org/10.1177/09564624251365133)

NO INDEXADAS

Potential applications of hazelnut industry waste based on material properties

Aguado-González, Laura; Sierra-Pérez, Jorge; Blanc, Simone; **Moles, Samuel**
60107 Applied food research 5 2 101060 [11 pp.]
[10.1016/j.afres.2025.101060](https://doi.org/10.1016/j.afres.2025.101060)

Molecular identification of Coranus spp. in a pregnant patient: A case of misidentified Chagas disease vector in Spain

Ligeró-López, Jorge; Bagues, María Dolores; Artigas, Patricio; Colangeli, Giulia; Peiró-Codina, Fabiola; Ducons-Márquez, María; López-Alonso, **Beatriz;** **Goñi, Pilar;** **Beltrán-Rosel, Antonio**
40419 Parasite Epidemiology and Control 29 e00426 [9pp.]
<https://doi.org/10.1016/j.parepi.2025.e00426>