

Mara Jess Garca-Galn

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

1,152
citations

22
h-index

33
g-index

33
ext. papers

1,393
ext. citations

7.7
avg, IF

4.93
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 32 | Constructed wetlands operated as bioelectrochemical systems for the removal of organic micropollutants. <i>Chemosphere</i> , 2021 , 271, 129593 | 8.4 | 9 |
| 31 | Boosting pharmaceutical removal through aeration in constructed wetlands. <i>Journal of Hazardous Materials</i> , 2021 , 412, 125231 | 12.8 | 9 |
| 30 | Removal and environmental risk assessment of contaminants of emerging concern from irrigation waters in a semi-closed microalgae photobioreactor. <i>Environmental Research</i> , 2021 , 194, 110278 | 7.9 | 10 |
| 29 | Microalgae-based bioremediation of water contaminated by pesticides in peri-urban agricultural areas. <i>Environmental Pollution</i> , 2020 , 265, 114579 | 9.3 | 29 |
| 28 | Can high rate algal ponds be used as post-treatment of UASB reactors to remove micropollutants?. <i>Chemosphere</i> , 2020 , 248, 125969 | 8.4 | 30 |
| 27 | A review of emerging organic contaminants (EOCs), antibiotic resistant bacteria (ARB), and antibiotic resistance genes (ARGs) in the environment: Increasing removal with wetlands and reducing environmental impacts. <i>Bioresource Technology</i> , 2020 , 307, 123228 | 11 | 102 |
| 26 | Bioremediation of agricultural runoff and biopolymers production from cyanobacteria cultured in demonstrative full-scale photobioreactors. <i>Chemical Engineering Research and Design</i> , 2020 , 139, 241-250 | 5.5 | 30 |
| 25 | Fate of priority pharmaceuticals and their main metabolites and transformation products in microalgae-based wastewater treatment systems. <i>Journal of Hazardous Materials</i> , 2020 , 390, 121771 | 12.8 | 36 |
| 24 | Scaling-Up the Anaerobic Digestion of Pretreated Microalgal Biomass within a Water Resource Recovery Facility. <i>Energies</i> , 2020 , 13, 5484 | 3.1 | 6 |
| 23 | Polyhydroxybutyrate and glycogen production in photobioreactors inoculated with wastewater borne cyanobacteria monocultures. <i>Bioresource Technology</i> , 2020 , 295, 122233 | 11 | 32 |
| 22 | Evaluation of daily and seasonal variations in a semi-closed photobioreactor for microalgae-based bioremediation of agricultural runoff at full-scale. <i>Algal Research</i> , 2020 , 47, 101859 | 5 | 15 |
| 21 | Use of full-scale hybrid horizontal tubular photobioreactors to process agricultural runoff. <i>Biosystems Engineering</i> , 2018 , 166, 138-149 | 4.8 | 39 |
| 20 | Production of polyhydroxybutyrates and carbohydrates in a mixed cyanobacterial culture: Effect of nutrients limitation and photoperiods. <i>New Biotechnology</i> , 2018 , 42, 1-11 | 6.4 | 42 |
| 19 | Start-up of a microalgae-based treatment system within the biorefinery concept: from wastewater to bioproducts. <i>Water Science and Technology</i> , 2018 , 78, 114-124 | 2.2 | 38 |
| 18 | Fate of pharmaceuticals and their transformation products in integrated membrane systems for wastewater reclamation. <i>Chemical Engineering Journal</i> , 2018 , 331, 450-461 | 14.7 | 43 |
| 17 | Nutrient removal from agricultural run-off in demonstrative full scale tubular photobioreactors for microalgae growth. <i>Ecological Engineering</i> , 2018 , 120, 513-521 | 3.9 | 29 |
| 16 | Feasibility assessment of energy-neutral microalgae-based wastewater treatment plants under Spanish climatic conditions. <i>Chemical Engineering Research and Design</i> , 2018 , 119, 242-252 | 5.5 | 7 |

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| 15 | Nutrients and biomass dynamics in photo-sequencing batch reactors treating wastewater with high nutrients loadings. <i>Ecological Engineering</i> , 2018 , 119, 35-44 | 3.9 | 10 |
| 14 | Cultivation and selection of cyanobacteria in a closed photobioreactor used for secondary effluent and digestate treatment. <i>Science of the Total Environment</i> , 2017 , 587-588, 157-167 | 10.2 | 44 |
| 13 | Evaluation of the influence of surfactants in the bioaccumulation kinetics of sulfamethoxazole and oxazepam in benthic invertebrates. <i>Science of the Total Environment</i> , 2017 , 592, 554-564 | 10.2 | 17 |
| 12 | Multiresidue trace analysis of pharmaceuticals, their human metabolites and transformation products by fully automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016 , 158, 330-341 | 6.2 | 35 |
| 11 | Advanced oxidation of the antibiotic sulfapyridine by UV/H ₂ O ₂ : Characterization of its transformation products and ecotoxicological implications. <i>Chemosphere</i> , 2016 , 147, 451-9 | 8.4 | 29 |
| 10 | UV/H ₂ O ₂ degradation of the antidepressants venlafaxine and O-desmethylvenlafaxine: Elucidation of their transformation pathway and environmental fate. <i>Journal of Hazardous Materials</i> , 2016 , 311, 70-80 | 12.8 | 32 |
| 9 | Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. <i>Water Research</i> , 2016 , 100, 126-136 | 12.5 | 66 |
| 8 | Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. <i>Science of the Total Environment</i> , 2015 , 503-504, 133-41 | 10.2 | 83 |
| 7 | Multiresidue trace analysis of sulfonamide antibiotics and their metabolites in soils and sewage sludge by pressurized liquid extraction followed by liquid chromatography-electrospray-quadrupole linear ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1275, 32-40 | 4.5 | 77 |
| 6 | Fate and Occurrence of PhACs in the Terrestrial Environment. <i>Comprehensive Analytical Chemistry</i> , 2013 , 62, 559-592 | 1.9 | |
| 5 | Biodegradation studies of N4-acetylsulfapyridine and N4-acetylsulfamethazine in environmental water by applying mass spectrometry techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 2885-96 | 4.4 | 27 |
| 4 | Ecotoxicity evaluation and removal of sulfonamides and their acetylated metabolites during conventional wastewater treatment. <i>Science of the Total Environment</i> , 2012 , 437, 403-12 | 10.2 | 86 |
| 3 | Kinetic studies and characterization of photolytic products of sulfamethazine, sulfapyridine and their acetylated metabolites in water under simulated solar irradiation. <i>Water Research</i> , 2012 , 46, 711-22 | 12.5 | 87 |
| 2 | Removal of sulfonamide antibiotics upon conventional activated sludge and advanced membrane bioreactor treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 1505-15 | 4.4 | 49 |
| 1 | Occurrence and Fate of Sulfonamide Antibiotics in Surface Waters: Climatic Effects on Their Presence in the Mediterranean Region and Aquatic Ecosystem Vulnerability. <i>Handbook of Environmental Chemistry</i> , 2012 , 167-192 | 0.8 | 3 |