

MarÃ-a JesÃ°s GarcÃ-a-GalÃ;n

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,681
citations

236912

25
h-index

414395

32
g-index

33
all docs

33
docs citations

33
times ranked

2208
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.5	20
2	Constructed wetlands operated as bioelectrochemical systems for the removal of organic micropollutants. <i>Chemosphere</i> , 2021, 271, 129593.	8.2	27
3	Boosting pharmaceutical removal through aeration in constructed wetlands. <i>Journal of Hazardous Materials</i> , 2021, 412, 125231.	12.4	33
4	Polyhydroxybutyrate and glycogen production in photobioreactors inoculated with wastewater borne cyanobacteria monocultures. <i>Bioresource Technology</i> , 2020, 295, 122233.	9.6	55
5	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.	12.4	72
6	Scaling-Up the Anaerobic Digestion of Pretreated Microalgal Biomass within a Water Resource Recovery Facility. <i>Energies</i> , 2020, 13, 5484.	3.1	11
7	Microalgae-based bioremediation of water contaminated by pesticides in peri-urban agricultural areas. <i>Environmental Pollution</i> , 2020, 265, 114579.	7.5	51
8	Can high rate algal ponds be used as post-treatment of UASB reactors to remove micropollutants?. <i>Chemosphere</i> , 2020, 248, 125969.	8.2	48
9	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.	9.6	219
10	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.	5.6	56
11	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.	4.6	26
12	Use of full-scale hybrid horizontal tubular photobioreactors to process agricultural runoff. <i>Biosystems Engineering</i> , 2018, 166, 138-149.	4.3	51
13	Production of polyhydroxybutyrates and carbohydrates in a mixed cyanobacterial culture: Effect of nutrients limitation and photoperiods. <i>New Biotechnology</i> , 2018, 42, 1-11.	4.4	50
14	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.	2.5	53
15	Fate of pharmaceuticals and their transformation products in integrated membrane systems for wastewater reclamation. <i>Chemical Engineering Journal</i> , 2018, 331, 450-461.	12.7	59
16	Biotechnology: a highly efficient tool for the current environmental challenges. <i>Science of the Total Environment</i> , 2018, 616-617, 1664-1667.	8.0	1
17	Nutrient removal from agricultural run-off in demonstrative full scale tubular photobioreactors for microalgae growth. <i>Ecological Engineering</i> , 2018, 120, 513-521.	3.6	39
18	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.	5.6	7

#	ARTICLE	IF	CITATIONS
19	Nutrients and biomass dynamics in photo-sequencing batch reactors treating wastewater with high nutrients loadings. <i>Ecological Engineering</i> , 2018, 119, 35-44.	3.6	12
20	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.	8.0	61
21	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.	8.0	25
22	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.	11.3	86
23	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.	5.5	43
24	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, 451-459.	8.2	35
25	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.	12.4	46
26	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. <i>Science of the Total Environment</i> , 2015, 503-504, 133-141.	8.0	99
27	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.	3.7	96
28	Fate and Occurrence of PhACs in the Terrestrial Environment. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 559-592.	1.3	0
29	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.	0.4	3
30	Ecotoxicity evaluation and removal of sulfonamides and their acetylated metabolites during conventional wastewater treatment. <i>Science of the Total Environment</i> , 2012, 437, 403-412.	8.0	99
31	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, 711-722.	11.3	97
32	Removal of sulfonamide antibiotics upon conventional activated sludge and advanced membrane bioreactor treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1505-1515.	3.7	66
33	Biodegradation studies of N 4-acetylsulfapyridine and N 4-acetylsulfamethazine in environmental water by applying mass spectrometry techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2885-2896.	3.7	35