Marina Badia-Fabregat

List of Publications by Year
in descending order

19 papers	800 citations	516710 16 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1195 citing authors

#	Article	IF	Citations
1	Evaluation of fungal- and photo-degradation as potential treatments for the removal of sunscreens BP3 and BP1. Science of the Total Environment, 2012, 427-428, 355-363.	8.0	105
2	Comparison of human RNase 3 and RNase 7 bactericidal action at the Gramâ€negative and Gramâ€positive bacterial cell wall. FEBS Journal, 2010, 277, 1713-1725.	4.7	95
3	Identification of some factors affecting pharmaceutical active compounds (PhACs) removal in real wastewater. Case study of fungal treatment of reverse osmosis concentrate. Journal of Hazardous Materials, 2015, 283, 663-671.	12.4	85
4	Isolation of Ascomycota fungi with capability to transform PAHs: Insights into the biodegradation mechanisms of Penicillium oxalicum. International Biodeterioration and Biodegradation, 2017, 122, 141-150.	3.9	64
5	Study of the effect of the bacterial and fungal communities present in real wastewater effluents on the performance of fungal treatments. Science of the Total Environment, 2017, 579, 366-377.	8.0	56
6	Degradation of UV filters in sewage sludge and 4-MBC in liquid medium by the ligninolytic fungus Trametes versicolor. Journal of Environmental Management, 2012, 104, 114-120.	7.8	55
7	Continuous fungal treatment of non-sterile veterinary hospital effluent: pharmaceuticals removal and microbial community assessment. Applied Microbiology and Biotechnology, 2016, 100, 2401-2415.	3.6	46
8	Glutamate as sole carbon source for enhanced biological phosphorus removal. Science of the Total Environment, 2019, 657, 1398-1408.	8.0	46
9	Hydrogen production from crude glycerol in an alkaline microbial electrolysis cell. International Journal of Hydrogen Energy, 2019, 44, 17204-17213.	7.1	42
10	Suspect screening of emerging pollutants and their major transformation products in wastewaters treated with fungi by liquid chromatography coupled to a high resolution mass spectrometry. Journal of Chromatography A, 2016, 1439, 124-136.	3.7	32
11	Coagulation-flocculation and moving bed biofilm reactor as pre-treatment for water recycling in the petrochemical industry. Science of the Total Environment, 2020, 715, 136800.	8.0	29
12	Degradation of pharmaceuticals from membrane biological reactor sludge with Trametes versicolor. Environmental Sciences: Processes and Impacts, 2015, 17, 429-440.	3.5	28
13	Use of stable isotope probing to assess the fate of emerging contaminants degraded by white-rot fungus. Chemosphere, 2014, 103, 336-342.	8.2	27
14	Fungal treatment for the removal of endocrine disrupting compounds from reverse osmosis concentrate: Identification and monitoring of transformation products of benzotriazoles. Chemosphere, 2017, 184, 1054-1070.	8.2	20
15	Decreasing environmental impact of landfill leachate treatment by MBR, RO and EDR hybrid treatment. Environmental Technology (United Kingdom), 2021, 42, 3508-3522.	2.2	18
16	Hydrolysis and Methanogenesis in UASB-AnMBR Treating Municipal Wastewater Under Psychrophilic Conditions: Importance of Reactor Configuration and Inoculum. Frontiers in Bioengineering and Biotechnology, 2020, 8, 567695.	4.1	17
17	Anaerobic Membrane Bioreactor (AnMBR) for the Treatment of Cheese Whey for the Potential Recovery of Water and Energy. Waste and Biomass Valorization, 2020, 11, 1821-1835.	3.4	16
18	Overview on Pilot-Scale Treatments and New and Innovative Technologies for Hospital Effluent. Handbook of Environmental Chemistry, 2017, , 209-230.	0.4	10

#	Article	IF	Citations
19	Synthesis and synthetic mechanism of Polylactic acid. Physical Sciences Reviews, 2020, .	0.8	7