

M Carmen Gutiérrez Martínez

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

435
citations

759055

12
h-index

794469

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docs citations

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times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercritical Fluid Extraction of Fucoxanthin from the Diatom <i>Phaeodactylum tricornutum</i> and Biogas Production through Anaerobic Digestion. <i>Marine Drugs</i> , 2022, 20, 127.	2.2	10
2	Microalga <i>Isochrysis galbana</i> biorefinery: Obtaining fucoxanthin and biogas after supercritical fluid extraction. <i>Journal of Applied Phycology</i> , 2022, 34, 1997-2014.	1.5	1
3	Comparison of Pre-treatment Technologies to Improve Sewage Sludge Biomethanization. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 777-790.	1.4	1
4	Environmental performance of an industrial biofilter: Relationship between photochemical oxidation and odorous impacts. <i>Environmental Research</i> , 2020, 183, 109168.	3.7	10
5	Evaluation of Anaerobic Digestion of Verdejo Lees from an Ecological Crop. <i>Waste and Biomass Valorization</i> , 2020, 11, 6781-6791.	1.8	0
6	About the Role of Porosity and Surface Chemistry of Phosphorus-Containing Activated Carbons in the Removal of Micropollutants. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	14
7	Sewage sludge composting under semi-permeable film at full-scale: Evaluation of odour emissions and relationships between microbiological activities and physico-chemical variables. <i>Environmental Research</i> , 2019, 177, 108624.	3.7	33
8	Optimizing the selection of organic waste for biomethanization. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1676-1684.	1.2	4
9	Application of ATAD technology for digesting sewage sludge in small towns: Operation and costs. <i>Journal of Environmental Management</i> , 2018, 215, 185-194.	3.8	7
10	Monitoring of the composting process of different agroindustrial waste: Influence of the operational variables on the odorous impact. <i>Waste Management</i> , 2018, 76, 266-274.	3.7	42
11	Full-scale composting of sewage sludge and market waste: Stability monitoring and odor dispersion modeling. <i>Environmental Research</i> , 2018, 167, 739-750.	3.7	33
12	Centralized management of sewage sludge and agro-industrial waste through co-composting. <i>Journal of Environmental Management</i> , 2017, 196, 387-393.	3.8	31
13	Modelling of composting process of different organic waste at pilot scale: Biodegradability and odor emissions. <i>Waste Management</i> , 2017, 59, 48-58.	3.7	40
14	Integral valorisation of waste orange peel using combustion, biomethanisation and co-composting technologies. <i>Bioresource Technology</i> , 2016, 211, 173-182.	4.8	79
15	Dynamic olfactometry and GC-TOFMS to monitor the efficiency of an industrial biofilter. <i>Science of the Total Environment</i> , 2015, 512-513, 572-581.	3.9	26
16	Monitoring of pile composting process of OFMSW at full scale and evaluation of odour emission impact. <i>Journal of Environmental Management</i> , 2015, 151, 531-539.	3.8	30
17	Odour in composting processes at pilot scale: monitoring and biofiltration. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1676-1684.	1.2	19
18	Usual variables and odour concentration to evaluate composting process and odour impact. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 709-718.	1.2	21

#	ARTICLE	IF	CITATIONS
19	Compost Pile Monitoring Using Different Approaches: GC-MS, E-nose and Dynamic Olfactometry. Waste and Biomass Valorization, 2014, 5, 469-479.	1.8	10
20	Physical-chemical and biomethanization treatments of wastewater from biodiesel manufacturing. Bioresource Technology, 2011, 102, 6348-6351.	4.8	24