

Patricio Neumann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7255231/publications.pdf>

Version: 2024-02-01

11
papers

473
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	Developments in pre-treatment methods to improve anaerobic digestion of sewage sludge. <i>Reviews in Environmental Science and Biotechnology</i> , 2016, 15, 173-211.	8.1	187
2	Sequential ultrasound and low-temperature thermal pretreatment: Process optimization and influence on sewage sludge solubilization, enzyme activity and anaerobic digestion. <i>Bioresource Technology</i> , 2017, 234, 178-187.	9.6	74
3	Anaerobic co-digestion of lipid-spent microalgae with waste activated sludge and glycerol in batch mode. <i>International Biodeterioration and Biodegradation</i> , 2015, 100, 85-88.	3.9	56
4	Life cycle assessment of management alternatives for sludge from sewage treatment plants in Chile: does advanced anaerobic digestion improve environmental performance compared to current practices?. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1530-1540.	3.0	33
5	Presence and fate of micropollutants during anaerobic digestion of sewage and their implications for the circular economy: A short review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104931.	6.7	33
6	Process performance assessment of advanced anaerobic digestion of sewage sludge including sequential ultrasound thermal (55°C) pre-treatment. <i>Bioresource Technology</i> , 2018, 262, 42-51.	9.6	30
7	Organic micropollutants in sewage sludge: influence of thermal and ultrasound hydrolysis processes prior to anaerobic stabilization. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1358-1365.	2.2	23
8	Evaluation of the ultrasound effect on treated municipal wastewater. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3568-3577.	2.2	19
9	Simulation of Water-Use Efficiency of Crops under Different Irrigation Strategies. <i>Water (Switzerland)</i> , 2020, 12, 2930.	2.7	9
10	Anaerobic Digestion as a Tool for Resource Recovery from a Biodiesel Production Process from Microalgae. <i>Journal of Biobased Materials and Bioenergy</i> , 2015, 9, 342-349.	0.3	8
11	Effect of a Sono-Thermal Pre-treatment Over Methane Production, Specific Activities and the Microbial Community of Sludge Anaerobic Digesters. <i>Waste and Biomass Valorization</i> , 2021, 12, 1927-1941.	3.4	1