Sofia Mai

List of Publications by Year
in descending order

17	368	759233 12	940533 16
papers	citations	h-index	g-index

17	17	17	460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Added-value molecules recovery and biofuels production from spent coffee grounds. Renewable and Sustainable Energy Reviews, 2020, 131, 110007.	16.4	62
2	Influence of ferrous iron on the granularity of a UASB reactor. Chemical Engineering Journal, 2009, 146, 49-56.	12.7	57
3	Sustainable valorisation pathways mitigating environmental pollution from brewersâ€™ spent grains. Environmental Pollution, 2021, 270, 116069.	7.5	35
4	Towards upscaling the valorization of wheat straw residues: alkaline pretreatment using sodium hydroxide, enzymatic hydrolysis and biogas production. Environmental Science and Pollution Research, 2021, 28, 24486-24498.	5.3	25
5	Effect of alkaline pretreatments on the enzymatic hydrolysis of wheat straw. Environmental Science and Pollution Research, 2019, 26, 35648-35656.	5.3	24
6	The Role of Enzyme Loading on Starch and Cellulose Hydrolysis of Food Waste. Waste and Biomass Valorization, 2019, 10, 3753-3762.	3.4	23
7	Effect of pretreatment techniques on enzymatic hydrolysis of food waste. Biomass Conversion and Biorefinery, 2021, 11, 219-226.	4.6	23
8	Granulation mechanism of a UASB reactor supplemented with iron. Anaerobe, 2008, 14, 275-279.	2.1	21
9	Determination of granule size distribution in a UASB reactor. Journal of Environmental Management, 2008, 86, 660-664.	7.8	18
10	Study of Valorisation Routes of Spent Coffee Grounds. Waste and Biomass Valorization, 2020, 11, 5295-5306.	3.4	17
11	Assessing straw digestate as feedstock for bioethanol production. Renewable Energy, 2020, 153, 261-269.	8.9	14
12	A sustainable approach to valorize potato peel waste towards biofuel production. Biomass Conversion and Biorefinery, 2023, 13, 8197-8208.	4.6	14
13	Heavy Metal Removal from Water Resources Using the Aquatic PlantApium nodiflorum. Communications in Soil Science and Plant Analysis, 2005, 36, 1075-1081.	1.4	12
14	Emerging Synergies on the Co-treatment of Spent Coffee Grounds and Brewerâ€™s Spent Grains for Ethanol Production. Waste and Biomass Valorization, 2022, 13, 877-891.	3.4	9
15	Implementation of Fenton process on wastewater from a cheese-making factory. Desalination and Water Treatment, 2013, 51, 3069-3075.	1.0	7
16	An alternative approach of UASB dynamic modeling. AICHE Journal, 2007, 53, 3269-3276.	3.6	6
17	Status and perspectives of agricultural residues in a circular and resource-efficient context. , 2021, , 49-102.		1