

Huihui Chen

List of Publications by Year in descending order

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14
papers

1,470
citations

623734

14
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1574
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemicals from lignocellulosic biomass: A critical comparison between biochemical, microwave and thermochemical conversion methods. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1479-1532.	12.8	50
2	Hydrothermal pretreatment of sewage sludge enhanced the anaerobic degradation of cationic polyacrylamide (cPAM). <i>Water Research</i> , 2021, 190, 116704.	11.3	18
3	Anaerobic fermentation of hydrothermal liquefaction wastewater of dewatered sewage sludge for volatile fatty acids production with focuses on the degradation of organic components and microbial community compositions. <i>Science of the Total Environment</i> , 2021, 777, 146077.	8.0	42
4	Combined microbial transcript and metabolic analysis reveals the different roles of hydrochar and biochar in promoting anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2021, 205, 117679.	11.3	63
5	Molecular composition of hydrothermal liquefaction wastewater from sewage sludge and its transformation during anaerobic digestion. <i>Journal of Hazardous Materials</i> , 2020, 383, 121163.	12.4	64
6	Mesophilic and thermophilic anaerobic digestion of aqueous phase generated from hydrothermal liquefaction of cornstalk: Molecular and metabolic insights. <i>Water Research</i> , 2020, 168, 115199.	11.3	58
7	Molecular and microbial insights towards understanding the anaerobic digestion of the wastewater from hydrothermal liquefaction of sewage sludge facilitated by granular activated carbon (GAC). <i>Environment International</i> , 2019, 133, 105257.	10.0	92
8	Hydrothermal conversion of dewatered sewage sludge: Focusing on the transformation mechanism and recovery of phosphorus. <i>Chemosphere</i> , 2019, 228, 619-628.	8.2	113
9	Characterization and utilization of aqueous products from hydrothermal conversion of biomass for bio-oil and hydro-char production: a review. <i>Green Chemistry</i> , 2019, 21, 1553-1572.	9.0	159
10	Hydrothermal conversion of sewage sludge: Focusing on the characterization of liquid products and their methane yields. <i>Chemical Engineering Journal</i> , 2019, 357, 367-375.	12.7	155
11	Hydrothermal liquefaction of agricultural and forestry wastes: state-of-the-art review and future prospects. <i>Bioresource Technology</i> , 2017, 245, 1184-1193.	9.6	209
12	Methane potentials of wastewater generated from hydrothermal liquefaction of rice straw: focusing on the wastewater characteristics and microbial community compositions. <i>Biotechnology for Biofuels</i> , 2017, 10, 140.	6.2	67
13	Biogas production from hydrothermal liquefaction wastewater (HTLWW): Focusing on the microbial communities as revealed by high-throughput sequencing of full-length 16S rRNA genes. <i>Water Research</i> , 2016, 106, 98-107.	11.3	99
14	Macroalgae for biofuels production: Progress and perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 427-437.	16.4	280