

Lili Qian

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

832
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of municipal sewage sludge in supercritical water: A review. <i>Water Research</i> , 2016, 89, 118-131.	11.3	208
2	Hydrothermal liquefaction of sewage sludge under isothermal and fast conditions. <i>Bioresource Technology</i> , 2017, 232, 27-34.	9.6	150
3	Study on two-step hydrothermal liquefaction of macroalgae for improving bio-oil. <i>Bioresource Technology</i> , 2021, 319, 124176.	9.6	89
4	Fast and isothermal hydrothermal liquefaction of sludge at different severities: Reaction products, pathways, and kinetics. <i>Applied Energy</i> , 2020, 260, 114312.	10.1	70
5	Treatment of sewage sludge in supercritical water and evaluation of the combined process of supercritical water gasification and oxidation. <i>Bioresource Technology</i> , 2015, 176, 218-224.	9.6	60
6	Effects of Sulfides on the Corrosion Behavior of Inconel 600 and Incoloy 825 in Supercritical Water. <i>Oxidation of Metals</i> , 2015, 84, 509-526.	2.1	45
7	Co-oxidation effects and mechanisms between sludge and alcohols (methanol, ethanol and Tj ETQq1 1 0.784314 r _g BT /Overlock 10 Tj	12.7	43
8	A review on fast hydrothermal liquefaction of biomass. <i>Fuel</i> , 2022, 327, 125135.	6.4	37
9	Co-pyrolysis and catalytic co-pyrolysis of <i>Enteromorpha clathrata</i> and rice husk. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 2613-2623.	3.6	33
10	Cyclic Compound Formation Mechanisms during Pyrolysis of Typical Aliphatic Acidic Amino Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16968-16978.	6.7	32
11	Supercritical water gasification and partial oxidation of municipal sewage sludge: An experimental and thermodynamic study. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 89-99.	7.1	29
12	Effect of cosolvent and addition of catalyst (HZSM-5) on hydrothermal liquefaction of macroalgae. <i>International Journal of Energy Research</i> , 2019, 43, 8841.	4.5	12
13	Thermodynamic analysis of a supercritical water gasification " oxidation combined system for sewage sludge treatment with cool wall reactor. <i>Energy Conversion and Management</i> , 2021, 247, 114708.	9.2	11
14	Corrosion Properties of Candidate Materials in Supercritical Water Oxidation Process. <i>Journal of Advanced Oxidation Technologies</i> , 2016, 19, .	0.5	9
15	Biocrude Production from Hydrothermal Liquefaction of <i>Chlorella</i> : Thermodynamic Modelling and Reactor Design. <i>Energies</i> , 2021, 14, 6602.	3.1	4