

Rui Zhang

List of Publications by Year in descending order

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9
papers

184
citations

1478505
6
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Near quantitative conversion of xylose into bisfuran. <i>Green Chemistry</i> , 2022, 24, 5052-5057.	9.0	4
2	Study on the pyrolysis behaviour of the macroalga <i>Ulva prolifera</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 91-99.	2.8	5
3	A catalytic approach <i>via</i> retro-aldol condensation of glucose to furanic compounds. <i>Green Chemistry</i> , 2021, 23, 5481-5486.	9.0	15
4	Conversion of saccharides in <i>Enteromorpha prolifera</i> to furfurals in the presence of FeCl ₃ . <i>Molecular Catalysis</i> , 2020, 484, 110729.	2.0	5
5	Selective Conversion of Hemicellulose in Macroalgae <i>Enteromorpha prolifera</i> to Rhamnose. <i>ACS Omega</i> , 2019, 4, 7023-7028.	3.5	14
6	Fractional conversion of microalgae from water blooms. <i>Faraday Discussions</i> , 2017, 202, 197-212.	3.2	17
7	Microwave-enhanced pyrolysis of natural algae from water blooms. <i>Bioresource Technology</i> , 2016, 212, 311-317.	9.6	71
8	Fractional Pyrolysis of Algae and Model Compounds. <i>Chinese Journal of Chemical Physics</i> , 2015, 28, 525-532.	1.3	15
9	Fractional pyrolysis of Cyanobacteria from water blooms over HZSM-5 for high quality bio-oil production. <i>Journal of Energy Chemistry</i> , 2014, 23, 732-741.	12.9	38