

# Rui Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2376971/publications.pdf>

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9  
papers

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1478505

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198  
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#	ARTICLE	IF	CITATIONS
1	Microwave-enhanced pyrolysis of natural algae from water blooms. <i>Bioresource Technology</i> , 2016, 212, 311-317.	9.6	71
2	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
3	Fractional conversion of microalgae from water blooms. <i>Faraday Discussions</i> , 2017, 202, 197-212.	3.2	17
4	Fractional Pyrolysis of Algae and Model Compounds. <i>Chinese Journal of Chemical Physics</i> , 2015, 28, 525-532.	1.3	15
5	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
6	Selective Conversion of Hemicellulose in Macroalgae <i>Enteromorpha prolifera</i> to Rhamnose. <i>ACS Omega</i> , 2019, 4, 7023-7028.	3.5	14
7	Conversion of saccharides in <i>enteromorpha prolifera</i> to furfurals in the presence of FeCl <sub>3</sub> . <i>Molecular Catalysis</i> , 2020, 484, 110729.	2.0	5
8	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
9	Near quantitative conversion of xylose into bisfuran. <i>Green Chemistry</i> , 2022, 24, 5052-5057.	9.0	4