

Aye Aye Myint

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

318
citations

8
h-index

17
g-index

21
ext. papers

440
ext. citations

6.6
avg, IF

3.47
L-index

#	Paper	IF	Citations
20	Strategy for high-yield astaxanthin recovery directly from wet <i>Haematococcus pluvialis</i> without pretreatment.. <i>Bioresource Technology</i> , 2021 , 126616	11	0
19	Material stability assessment of R-1234ze(E) as a working fluid for supercritical organic Rankine cycle. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 96, 169-182	6.3	0
18	Complete drying and micronization of ecamsule using supercritical CO ₂ as the antisolvent. <i>Journal of Supercritical Fluids</i> , 2021 , 170, 105157	4.2	2
17	Trimetallic CuNiZn/H-ZSM-5 Catalyst for the One-Pot Conversion of Levulinic Acid to High-Yield 1,4-Pentenediol under Mild Conditions in an Aqueous Medium. <i>ACS Catalysis</i> , 2021 , 11, 2846-2864	13.1	15
16	Mechanism of thermal decomposition of HFO-1234ze(E) under supercritical fluid conditions. <i>Journal of Supercritical Fluids</i> , 2020 , 160, 104792	4.2	3
15	Ultrafast and complete drying of ecamsule solution using supercritical carbon dioxide with fluctuating pressure technique. <i>Journal of Supercritical Fluids</i> , 2020 , 160, 104795	4.2	3
14	Comprehensive study on the formation mechanism of highly bioactive compounds from <i>Allium hookeri</i> root using subcritical water and their antioxidant and anticancer effects. <i>Journal of Supercritical Fluids</i> , 2020 , 157, 104709	4.2	7
13	Thermal stability study of HFO-1234ze(E) for supercritical organic Rankine cycle: Chemical kinetic model approach through decomposition experiments. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 90, 244-250	6.3	5
12	Safe and Complete Extraction of Astaxanthin from <i>Haematococcus pluvialis</i> by Efficient Mechanical Disruption of Cyst Cell Wall. <i>International Journal of Food Engineering</i> , 2019 , 15,	1.9	5
11	One-Pot, Simultaneous Cell Wall Disruption and Complete Extraction of Astaxanthin from <i>Haematococcus pluvialis</i> at Room Temperature. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13898-13910	8.3	16
10	Thermal stability and decomposition behavior of HFO-1234ze(E) as a working fluid in the supercritical organic Rankine cycle. <i>Journal of Supercritical Fluids</i> , 2019 , 154, 104602	4.2	7
9	Kinetics of the hydrolysis of xylan based on ether bond cleavage in subcritical water. <i>Journal of Supercritical Fluids</i> , 2018 , 135, 145-151	4.2	4
8	Kinetics of the upgrading of heavy oil in supercritical methanol. <i>Journal of Supercritical Fluids</i> , 2018 , 133, 133-138	4.2	19
7	Water-soluble, lignin-derived carbon dots with high fluorescent emissions and their applications in bioimaging. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 66, 387-395	6.3	31
6	Effect of compressed liquid CO ₂ antisolvent treatment on the synthesis of hierarchically porous nanocarbon from kraft lignin. <i>Journal of Supercritical Fluids</i> , 2017 , 123, 1-10	4.2	1
5	One pot synthesis of environmentally friendly lignin nanoparticles with compressed liquid carbon dioxide as an antisolvent. <i>Green Chemistry</i> , 2016 , 18, 2129-2146	10	101
4	Hydrolysis kinetics of tulip tree xylan in hot compressed water. <i>Bioresource Technology</i> , 2016 , 214, 679-685		12

3	Evaluation of hot compressed water pretreatment and enzymatic saccharification of tulip tree sawdust using severity factors. <i>Bioresource Technology</i> , 2013 , 144, 460-6	11	27
2	Impact of bleaching on subcritical water- and Formosolv-pretreated tulip tree to enhance enzyme accessibility. <i>Bioresource Technology</i> , 2013 , 145, 128-32	11	7
1	Influence of membrane surface properties on the behavior of initial bacterial adhesion and biofilm development onto nanofiltration membranes. <i>Biofouling</i> , 2010 , 26, 313-21	33	53