

# Aye Aye Myint

## List of Publications by Citations

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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	One pot synthesis of environmentally friendly lignin nanoparticles with compressed liquid carbon dioxide as an antisolvent. <i>Green Chemistry</i> , <b>2016</b> , 18, 2129-2146	10	101
19	Influence of membrane surface properties on the behavior of initial bacterial adhesion and biofilm development onto nanofiltration membranes. <i>Biofouling</i> , <b>2010</b> , 26, 313-21	3.3	53
18	Water-soluble, lignin-derived carbon dots with high fluorescent emissions and their applications in bioimaging. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 66, 387-395	6.3	31
17	Evaluation of hot compressed water pretreatment and enzymatic saccharification of tulip tree sawdust using severity factors. <i>Bioresource Technology</i> , <b>2013</b> , 144, 460-6	11	27
16	Kinetics of the upgrading of heavy oil in supercritical methanol. <i>Journal of Supercritical Fluids</i> , <b>2018</b> , 133, 133-138	4.2	19
15	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> , <b>2019</b> , 7, 13898-13910	8.3	16
14	Trimetallic CuNiZn/H-ZSM-5 Catalyst for the One-Pot Conversion of Levulinic Acid to High-Yield 1,4-Pentanediol under Mild Conditions in an Aqueous Medium. <i>ACS Catalysis</i> , <b>2021</b> , 11, 2846-2864	13.1	15
13	Hydrolysis kinetics of tulip tree xylan in hot compressed water. <i>Bioresource Technology</i> , <b>2016</b> , 214, 679-685	11	12
12	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> , <b>2019</b> , 154, 104602	4.2	7
11	Impact of bleaching on subcritical water- and Formosolv-pretreated tulip tree to enhance enzyme accessibility. <i>Bioresource Technology</i> , <b>2013</b> , 145, 128-32	11	7
10	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> , <b>2020</b> , 157, 104709	4.2	7
9	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> , <b>2019</b> , 15,	1.9	5
8	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> , <b>2020</b> , 90, 244-250	6.3	5
7	Kinetics of the hydrolysis of xylan based on ether bond cleavage in subcritical water. <i>Journal of Supercritical Fluids</i> , <b>2018</b> , 135, 145-151	4.2	4
6	Mechanism of thermal decomposition of HFO-1234ze(E) under supercritical fluid conditions. <i>Journal of Supercritical Fluids</i> , <b>2020</b> , 160, 104792	4.2	3
5	Ultrafast and complete drying of ecamsule solution using supercritical carbon dioxide with fluctuating pressure technique. <i>Journal of Supercritical Fluids</i> , <b>2020</b> , 160, 104795	4.2	3
4	Complete drying and micronization of ecamsule using supercritical CO <sub>2</sub> as the antisolvent. <i>Journal of Supercritical Fluids</i> , <b>2021</b> , 170, 105157	4.2	2

3	Effect of compressed liquid CO <sub>2</sub> antisolvent treatment on the synthesis of hierarchically porous nanocarbon from kraft lignin. <i>Journal of Supercritical Fluids</i> , <b>2017</b> , 123, 1-10	4.2	1
2	Strategy for high-yield astaxanthin recovery directly from wet <i>Haematococcus pluvialis</i> without pretreatment.. <i>Bioresource Technology</i> , <b>2021</b> , 126616	11	0
1	Material stability assessment of R-1234ze(E) as a working fluid for supercritical organic Rankine cycle. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2021</b> , 96, 169-182	6.3	0