

# Zhi Yun

## List of Publications by Year in descending order

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26  
papers

186  
citations

1040056

9  
h-index

1125743

13  
g-index

26  
all docs

26  
docs citations

26  
times ranked

280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and analysis of the composition and antioxidant activity of polysaccharides from <i>Helicteres angustifolia</i> L.. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2262-2268.	7.5	31
2	Esterification of lauric and oleic acids with methanol over oxidized and sulfonated activated carbon catalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 113, 211-223.	1.7	21
3	Zeolite Y nanoparticle assemblies with high activity in the direct hydration of terminal alkynes. <i>RSC Advances</i> , 2016, 6, 69822-69827.	3.6	15
4	Cogeneration of Biodiesel and Nontoxic Cottonseed Meal from Cottonseed through in Situ Alkaline Transesterification. <i>Energy &amp; Fuels</i> , 2009, 23, 507-512.	5.1	14
5	Synthesis of niobium oxide nanowires by polyethylenimine as template at varying pH values. <i>CrystEngComm</i> , 2014, 16, 3478-3482.	2.6	14
6	Measurement and Correlation of High Pressure Phase Equilibria for CO <sub>2</sub> + Alkanes and CO <sub>2</sub> + Crude Oil Systems. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 3807-3822.	1.9	13
7	Catalytic conversion of glycerol to acrolein over MCM-41 by the grafting of phosphorus species. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 924-930.	1.7	12
8	Application of Nb <sub>2</sub> O <sub>5</sub> nanowire supported Pd nanoparticles in reduction of nitro-aromatic compounds as efficient and stable catalysts. <i>RSC Advances</i> , 2014, 4, 45088-45094.	3.6	10
9	The usage of rankinite for carbon capture and storage and carbonation kinetics. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 1629-1646.	2.3	10
10	Synthesis of alkyl polymethylsiloxane (APMS) by condensation reaction and study of properties as lubricants. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 332-339.	2.2	6
11	Two approaches in preparation for cogeneration of tocopherol and biodiesel from cottonseed. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 171-179.	1.7	5
12	Cobalt-Containing Mesoporous ZSM-5 Zeolite Catalyzed C=C Bond Cleavage of Alkenes To Form Nitriles. <i>Synlett</i> , 2016, 27, 221-224.	1.8	5
13	Heteropolyacid (H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> ) supported MCM-41: An effective solid acid catalyst for the dehydration of glycerol to acrolein. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 1511-1516.	1.0	5
14	Synthesis and properties of phenyl carboxyl polydimethylsiloxane for fabrics treatment. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45866.	2.6	5
15	Vapour Phase Dehydration of Glycerol to Acrolein Over Wells-Dawson Type H <sub>6</sub> P <sub>2</sub> W <sub>18</sub> O <sub>62</sub> Supported on Mesoporous Silica Catalysts Prepared by Supercritical Impregnation. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2463-2471.	0.9	4
16	Critical properties prediction based on a quartic equation of state. <i>Canadian Journal of Chemical Engineering</i> , 2010, 88, 1003-1009.	1.7	3
17	A New Method to Extract Oridonin and Rosmarinic Acid Simultaneously from <i>Rabdosia Rubescens</i> . <i>International Journal of Food Engineering</i> , 2019, 15, .	1.5	3
18	Extension of a quartic equation of state to pure polar fluids. <i>Canadian Journal of Chemical Engineering</i> , 2011, 89, 453-459.	1.7	2

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19	Combined Production of Biodiesel and Nontoxic Cottonseed Meal Using Two-Step Two-Phase Solvent Extraction. <i>Chemical Engineering and Technology</i> , 2014, 37, 1030-1036.	1.5	2
20	Preparation of cottonseed-based epoxy fatty acid methyl esters by an integrated approach. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 424-429.	1.7	2
21	Two different kinds of processes for biodiesel production from Chinese cottonseed. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 583-589.	2.3	2
22	Synthesis and properties of double methyl oleate terminated polysiloxane. <i>Polymer Bulletin</i> , 2019, 76, 1807-1824.	3.3	1
23	Preparation of silicon-based soybean base oil by modified soybean oil by transesterification and hydrosilation. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 254-260.	1.7	1
24	PREDICTION OF CRITICAL CONSTANTS AND DENSITIES BY USING ARTIFICIAL NEURAL NETWORKS. , 2004, , .		0
25	Preparation of low-hydrogen-containing polydimethylsiloxane in fixed-bed reactor and establishment of mathematical model. <i>Polymer Bulletin</i> , 2018, 75, 3607-3625.	3.3	0
26	Synthesis and properties of MoO <sub>3</sub> /ZrO <sub>2</sub> solid acid catalysts for the preparation of polydimethylsiloxane (PDMS) via octamethylcyclotetrasiloxane (D <sub>4</sub> ) ring-opening. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 86-95.	2.2	0