

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	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
2	Synthesis and properties of double methyl oleate terminated polysiloxane. <i>Polymer Bulletin</i> , 2019, 76, 1807-1824.	3.3	1
3	Synthesis and properties of MoO ₃ /ZrO ₂ solid acid catalysts for the preparation of polydimethylsiloxane (PDMS) via octamethylcyclotetrasiloxane (D ₄) ring-opening. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 86-95.	2.2	0
4	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
5	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
6	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
7	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
8	Synthesis and properties of phenyl carboxyl polydimethylsiloxane for fabrics treatment. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45866.	2.6	5
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	Vapour Phase Dehydration of Glycerol to Acrolein Over Wells-Dawson Type H6P2W18O62 Supported on Mesoporous Silica Catalysts Prepared by Supercritical Impregnation. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2463-2471.	0.9	4
11	Measurement and Correlation of High Pressure Phase Equilibria for CO ₂ + Alkanes and CO ₂ + Crude Oil Systems. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3807-3822.	1.9	13
12	Heteropolyacid (H3PW12O40) 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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Application of Nb ₂ O ₅ nanowire supported Pd nanoparticles in reduction of nitro-aromatic compounds as efficient and stable catalysts. RSC Advances, 2014, 4, 45088-45094.	3.6	10
20	Synthesis of niobium oxide nanowires by polyethylenimine as template at varying pH values. CrystEngComm, 2014, 16, 3478-3482.	2.6	14
21	Esterification of lauric and oleic acids with methanol over oxidized and sulfonated activated carbon catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 211-223.	1.7	21
22	Two approaches in preparation for cogeneration of tocopherol and biodiesel from cottonseed. Canadian Journal of Chemical Engineering, 2012, 90, 171-179.	1.7	5
23	Extension of a quartic equation of state to pure polar fluids. Canadian Journal of Chemical Engineering, 2011, 89, 453-459.	1.7	2
24	Critical properties prediction based on a quartic equation of state. Canadian Journal of Chemical Engineering, 2010, 88, 1003-1009.	1.7	3
25	Cogeneration of Biodiesel and Nontoxic Cottonseed Meal from Cottonseed through in Situ Alkaline Transesterification. Energy & Fuels, 2009, 23, 507-512.	5.1	14
26	PREDICTION OF CRITICAL CONSTANTS AND DENSITIES BY USING ARTIFICIAL NEURAL NETWORKS. , 2004, , .		0