

# Zengxi

## List of Publications by Year in descending order

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18  
papers

643  
citations

933447

10  
h-index

839539

18  
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18  
all docs

18  
docs citations

18  
times ranked

737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycolysis of poly(ethylene terephthalate) catalyzed by ionic liquids. <i>European Polymer Journal</i> , 2009, 45, 1535-1544.	5.4	206
2	Characterization of the regenerated cellulose films in ionic liquids and rheological properties of the solutions. <i>Materials Chemistry and Physics</i> , 2011, 128, 220-227.	4.0	126
3	Investigation of solid catalysts for glycolysis of polyethylene terephthalate. <i>Chemical Engineering Journal</i> , 2012, 185-186, 168-177.	12.7	79
4	Synthesis of Methyl Methacrylate by Aldol Condensation of Methyl Propionate with Formaldehyde Over Acid-Base Bifunctional Catalysts. <i>Catalysis Letters</i> , 2013, 143, 829-838.	2.6	55
5	Green process for methacrolein separation with ionic liquids in the production of methyl methacrylate. <i>AIChE Journal</i> , 2011, 57, 2388-2396.	3.6	32
6	Synthesis, characterization and catalytic performance of SAPO-34 molecular sieves for methanol-to-olefin (MTO) reaction. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2011, 6, 596-605.	1.5	25
7	Lanthanum and Cesium-Loaded SBA-15 Catalysts for MMA Synthesis by Aldol Condensation of Methyl Propionate and Formaldehyde. <i>Catalysis Letters</i> , 2016, 146, 1808-1818.	2.6	25
8	Effect of SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> ratio on the conversion of methanol to olefins over molecular sieve catalysts. <i>Frontiers of Chemical Science and Engineering</i> , 2011, 5, 79-88.	4.4	16
9	Synthesis and Characterization of 5-Amino-1-nitriminotetrazole and Its Salts. <i>Journal of Chemical Crystallography</i> , 2012, 42, 816-823.	1.1	12
10	Dynamic Process Simulation and Assessment of CO <sub>2</sub> Removal from Confined Spaces Using Pressure Swing Adsorption. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 16407-16419.	3.7	12
11	Process Simulation and Optimization of Ammonia-Containing Gas Separation and Ammonia Recovery with Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 312-325.	6.7	11
12	Rheological properties of cotton pulp cellulose dissolved in 1-butyl-3-methylimidazolium chloride solutions. <i>Polymer Engineering and Science</i> , 2011, 51, 2381-2386.	3.1	10
13	Thermal behavior of 1,7-diamino-1,7-dinitrimino-2,4,6-trinitro-2,4,6-triazaheptane. <i>Thermochimica Acta</i> , 2012, 541, 25-30.	2.7	10
14	The unimolecular thermal decomposition mechanism of syn, anti-N,N'-Dinitrourea (DNU). <i>Combustion and Flame</i> , 2012, 159, 1393-1398.	5.2	7
15	Synthesis and characterization of energetic salts based on the new propan-2-ylidene methanetriamium cations. <i>Journal of Molecular Structure</i> , 2014, 1067, 195-204.	3.6	7
16	Efficient Promotional Effects of Mo on the Catalytic Hydrogenation of Methyl Acrylate over Ni-Based Catalysts under Mild Conditions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 152-163.	3.7	4
17	Hydrodynamic Characteristics of N <sub>2</sub> -[Bmim][NO <sub>3</sub> ] Two-Phase Taylor Flow in Microchannels. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 17248-17258.	3.7	3
18	Novel process for selective separation of trace artemisitene from artemisinin by ammonium functional ionic liquids. <i>AIChE Journal</i> , 2022, 68, .	3.6	3