

Peng Peng

List of Publications by Year in descending order

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16
papers

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933447

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940533

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503
citing authors

#	ARTICLE	IF	CITATIONS
1	SAPO-34 crystals with nanosheet morphology synthesized by pyrophosphoric acid as new phosphorus source. <i>Microporous and Mesoporous Materials</i> , 2022, 333, 111753.	4.4	7
2	Passivated Surface of High Aluminum Containing ZSM-5 by Silicalite-1: Synthesis and Application in Dehydration Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4839-4848.	6.7	8
3	Zn-P Co-Modified Hierarchical ZSM-5 Zeolites Directly Synthesized via Dry Gel Conversion for Enhanced Methanol to Aromatics Reaction. <i>Catalysts</i> , 2021, 11, 1388.	3.5	2
4	Strategy towards enhanced performance of zeolite catalysts: Raising effective diffusion coefficient versus reducing diffusion length. <i>Chemical Engineering Journal</i> , 2020, 385, 123800.	12.7	20
5	Diffusion and catalyst efficiency in hierarchical zeolite catalysts. <i>National Science Review</i> , 2020, 7, 1726-1742.	9.5	104
6	Unraveling the Diffusion Properties of Zeolite-Based Multicomponent Catalyst by Combined Gravimetric Analysis and IR Spectroscopy (AGIR). <i>ACS Catalysis</i> , 2020, 10, 6822-6830.	11.2	26
7	Effect of fluoride ions on the stability of SAPO-11 molecular sieves. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110461.	4.4	10
8	Cross-linking between Sodalite Nanoparticles and Graphene Oxide in Composite Membranes to Trigger High Gas Permeance, Selectivity, and Stability in Hydrogen Separation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6284-6288.	13.8	31
9	Combined alkali dissolution and re-assembly approach toward ZSM-5 mesostructures with extended lifetime in cumene cracking. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 283-293.	9.4	10
10	Preparation, scale-up and application of meso-ZSM-5 zeolite by sequential desilication-dealuminum. <i>Journal of Porous Materials</i> , 2017, 24, 1513-1525.	2.6	31
11	ZSM-5-based mesostructures by combined alkali dissolution and re-assembly: Process controlling and scale-up. <i>Chemical Engineering Journal</i> , 2016, 302, 323-333.	12.7	30
12	Facile fabrication of Ni-based KIT-6 for adsorptive desulfurization. <i>Chemical Engineering Journal</i> , 2016, 302, 239-248.	12.7	41
13	Hydro-liquefaction of woody biomass for bio-oil in supercritical solvent with [BMIM]Cl/NiCl ₂ catalyst. <i>Applied Petrochemical Research</i> , 2015, 5, 363-369.	1.3	7
14	Effects of dissolution alkalinity and self-assembly on ZSM-5-based micro-/mesoporous composites: a study of the relationship between porosity, acidity, and catalytic performance. <i>CrystEngComm</i> , 2015, 17, 3820-3828.	2.6	25
15	Synthesis of vanadium-based catalysts and their excellent catalytic behaviors on dehydrogenation of C ₄ hydrocarbons. <i>Applied Petrochemical Research</i> , 2015, 5, 321-327.	1.3	7
16	The enhanced adsorption of sulfur compounds onto mesoporous Ni-AKIT-6 sorbent, equilibrium and kinetic analysis. <i>Journal of Hazardous Materials</i> , 2014, 270, 82-91.	12.4	29