

Peng Peng

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

388
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

503
citing authors

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