

Xiaoxin Chen

List of Publications by Year in descending order

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papers

1,073
citations

567281

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20
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Seed-Assisted Synthesis of Hierarchically Structured Nano-Sized Ti-Î² Zeolites for the Efficient Epoxidation Reaction of Alkenes. <i>Inorganic Chemistry</i> , 2022, 61, 4887-4894.	4.0	11
2	Tailoring the local environment of silver in SSZ-13 zeolites for low-temperature catalytic oxidation of ammonia. <i>Applied Surface Science</i> , 2022, 598, 153856.	6.1	4
3	Hierarchical SAPO-34 Preparation Based on the Crystal Metastability in Mother Liquor Solution. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002029.	3.7	7
4	Revealing inherent factors of SAPO-34 zeolites etching towards the fabrication of hierarchical structure. <i>Microporous and Mesoporous Materials</i> , 2021, 319, 111067.	4.4	13
5	An amino acid-assisted approach to fabricate nanosized hierarchical TS-1 zeolites for efficient oxidative desulfurization. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1975-1980.	6.0	42
6	Fluoride etching opens access for bulky molecules to active sites in microporous Ti-beta zeolite. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2982-2989.	5.9	20
7	Environmentally benign synthesis of crystalline nanosized molecular sieves. <i>Green Energy and Environment</i> , 2020, 5, 394-404.	8.7	14
8	Busting the efficiency of SAPO-34 catalysts for the methanol-to-olefin conversion by post-synthesis methods. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2022-2027.	3.5	18
9	The synthetic strategies of hierarchical TS-1 zeolites for the oxidative desulfurization reactions. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2227-2234.	3.5	28
10	Enhanced Performance for Selective Catalytic Reduction of NO _x with NH ₃ over Nanosized Cu/SAPO-34 Catalysts. <i>ChemCatChem</i> , 2019, 11, 3865-3870.	3.7	18
11	Efficient post-synthesis of hierarchical SAPO-34 zeolites <i>via</i> organic amine etching under hydrothermal conditions and their enhanced MTO performance. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1299-1303.	6.0	30
12	Synthesis of anatase-free nano-sized hierarchical TS-1 zeolites and their excellent catalytic performance in alkene epoxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9473-9479.	10.3	120
13	Synthesis of hierarchical TS-1 zeolites with abundant and uniform intracrystalline mesopores and their highly efficient catalytic performance for oxidation desulfurization. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7992-7998.	10.3	100
14	A top-down approach to hierarchical SAPO-34 zeolites with improved selectivity of olefin. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 401-408.	4.4	86
15	Seeding induced nano-sized hierarchical SAPO-34 zeolites: cost-effective synthesis and superior MTO performance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14978-14982.	10.3	107
16	The preparation of hierarchical SAPO-34 crystals via post-synthesis fluoride etching. <i>Chemical Communications</i> , 2016, 52, 3512-3515.	4.1	80
17	A non-chemically selective top-down approach towards the preparation of hierarchical TS-1 zeolites with improved oxidative desulfurization catalytic performance. <i>Chemical Communications</i> , 2016, 52, 3580-3583.	4.1	108
18	Synthesis of tri-level hierarchical SAPO-34 zeolite with intracrystalline micro-“meso”-macroporosity showing superior MTO performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19783-19789.	10.3	121

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19	In situ and post-synthesis control of physicochemical properties of FER-type crystals. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 334-342.	4.4	49
20	Roselike Microstructures Formed by Direct In Situ Hydrothermal Synthesis: From Superhydrophilicity to Superhydrophobicity. <i>Chemistry of Materials</i> , 2005, 17, 6177-6180.	6.7	97