

Risheng Bai

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,676
citations

516710

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752698

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docs citations

21
times ranked

1923
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium-rich TS-1 zeolite for highly efficient oxidative desulfurization. <i>Green Energy and Environment</i> , 2023, 8, 163-172.	8.7	15
2	Catalytically active Rh species stabilized by zirconium and hafnium on zeolites. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2395-2402.	6.0	2
3	Creation of Hierarchical Titanosilicate TS-1 Zeolites. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001095.	3.7	33
4	Amino acid-assisted synthesis of TS-1 zeolites containing highly catalytically active TiO ₆ species. <i>Chinese Journal of Catalysis</i> , 2021, 42, 2189-2196.	14.0	27
5	Anionic Tuning of Zeolite Crystallization. <i>CCS Chemistry</i> , 2021, 3, 189-198.	7.8	20
6	Titanosilicate zeolite precursors for highly efficient oxidation reactions. <i>Chemical Science</i> , 2020, 11, 12341-12349.	7.4	29
7	Temperature-regulated construction of hierarchical titanosilicate zeolites. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1872-1879.	6.0	35
8	A one-step rapid synthesis of TS-1 zeolites with highly catalytically active mononuclear TiO ₆ species. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9677-9683.	10.3	89
9	Creating Hierarchical Pores in Zeolite Catalysts. <i>Trends in Chemistry</i> , 2019, 1, 601-611.	8.5	145
10	Zeolite-Encaged Single-Atom Rhodium Catalysts: Highly Efficient Hydrogen Generation and Shape-Selective Tandem Hydrogenation of Nitroarenes. <i>Angewandte Chemie</i> , 2019, 131, 18743-18749.	2.0	26
11	Zeolite-Encaged Single-Atom Rhodium Catalysts: Highly Efficient Hydrogen Generation and Shape-Selective Tandem Hydrogenation of Nitroarenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18570-18576.	13.8	281
12	Mesopore-free synthesis of nanosized hierarchical ITQ-21 zeolites. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1184-1188.	6.0	5
13	Synergistic Effect of Ultrasmall Metal Clusters and Zeolites Promoting Hydrogen Generation. <i>Advanced Science</i> , 2019, 6, 1802350.	11.2	70
14	Innentitelbild: Zeolite-Encaged Single-Atom Rhodium Catalysts: Highly Efficient Hydrogen Generation and Shape-Selective Tandem Hydrogenation of Nitroarenes (Angew. Chem. 51/2019). <i>Angewandte Chemie</i> , 2019, 131, 18466-18466.	2.0	0
15	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
16	Intermediate-crystallization promoted catalytic activity of titanosilicate zeolites. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8757-8762.	10.3	77
17	Mesopore-free Synthesis of Hierarchical SAPO-34 with Low Template Consumption and Excellent Methanol-to-Olefin Conversion. <i>ChemSusChem</i> , 2018, 11, 3812-3820.	6.8	40
18	Simple Quaternary Ammonium Cations-Templated Syntheses of Extra-Large Pore Germanosilicate Zeolites. <i>Chemistry of Materials</i> , 2016, 28, 6455-6458.	6.7	46

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19	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
20	In Situ Confinement of Ultrasmall Pd Clusters within Nanosized Silicalite-1 Zeolite for Highly Efficient Catalysis of Hydrogen Generation. <i>Journal of the American Chemical Society</i> , 2016, 138, 7484-7487.	13.7	507