

Yi Zuo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,253
citations

516710

16
h-index

580821

25
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28
all docs

28
docs citations

28
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulky macroporous titanium silicalite-1 free of extraframework titanium for phenol hydroxylation. <i>Microporous and Mesoporous Materials</i> , 2022, 336, 111884.	4.4	3
2	Synthesis of Silico-Phospho-Aluminum Nanosheets by Adding Amino Acid and its Catalysis in the Conversion of Furfuryl Alcohol to Fuel Additives. <i>ChemSusChem</i> , 2022, 15, .	6.8	3
3	Kinetics simulation of propylene epoxidation over different Ti species in TS-1. <i>AIChE Journal</i> , 2021, 67, e17261.	3.6	5
4	From nano aggregates to nano plates: The roles of gelatin in the crystallization of titanium silicate-1. <i>Microporous and Mesoporous Materials</i> , 2021, 321, 111100.	4.4	6
5	Role of Recrystallization in Alkaline Treatment on the Catalytic Activity of 1-Butene Epoxidation. <i>ChemCatChem</i> , 2020, 12, 6196-6204.	3.7	6
6	Highly stable TS-1 extrudates for 1-butene epoxidation through improving the heat conductivity. <i>Catalysis Science and Technology</i> , 2020, 10, 6152-6160.	4.1	9
7	Coordination States and Catalytic Performance of Ti in Titanium Silicalite-1. , 2020, , .		0
8	Mesoporous/Microporous Titanium Silicalite with Controllable Pore Diameter for Cyclohexene Epoxidation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 512-520.	3.7	38
9	Improved Catalytic Performance for 1-Butene Epoxidation over Titanium Silicalite-1 Extrudates by Using SBA-15 or Carborundum as Additives. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7462-7467.	3.7	14
10	The High-Performance Hollow Silicalite-1@Titanium Silicalite-1 Core-Shell Catalyst for Propene Epoxidation. <i>ChemistrySelect</i> , 2017, 2, 10097-10100.	1.5	7
11	Synthesis of Fe/M (M = Mn, Co, Ni) bimetallic metal organic frameworks and their catalytic activity for phenol degradation under mild conditions. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 144-153.	6.0	131
12	Synthesis of Titanium Silicalite-1 with High Catalytic Performance for 1-Butene Epoxidation by Eliminating the Extraframework Ti. <i>ACS Omega</i> , 2016, 1, 1034-1040.	3.5	53
13	Enhanced Catalytic Activity on Post-Synthesized Hollow Titanium Silicalite-1 with High Titanium Content on the External Surface. <i>ChemistrySelect</i> , 2016, 1, 6160-6166.	1.5	14
14	Controlled synthesis of mixed-valent Fe-containing metal organic frameworks for the degradation of phenol under mild conditions. <i>Dalton Transactions</i> , 2016, 45, 7952-7959.	3.3	43
15	Enhanced Catalytic Performance of Titanium Silicalite-1 in Tuning the Crystal Size in the Range 1200-2000 nm in a Tetrapropylammonium Bromide System. <i>ChemCatChem</i> , 2015, 7, 2660-2668.	3.7	50
16	Role of pentahedrally coordinated titanium in titanium silicalite-1 in propene epoxidation. <i>RSC Advances</i> , 2015, 5, 17897-17904.	3.6	67
17	Role of Supports in the Tetrapropylammonium Hydroxide Treated Titanium Silicalite-1 Extrudates. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 1513-1519.	3.7	22
18	Facile synthesis of morphology and size-controlled zirconium metal-organic framework UiO-66: the role of hydrofluoric acid in crystallization. <i>CrystEngComm</i> , 2015, 17, 6434-6440.	2.6	200

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19	Facile synthesis of Fe-containing metal-organic frameworks as highly efficient catalysts for degradation of phenol at neutral pH and ambient temperature. <i>CrystEngComm</i> , 2015, 17, 7160-7168.	2.6	50
20	CO ₂ Hydrogenation to Hydrocarbons over Iron-based Catalyst: Effects of Physicochemical Properties of Al ₂ O ₃ Supports. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 17563-17569.	3.7	76
21	Solvothermal synthesis of NH ₂ -MIL-125(Ti) from circular plate to octahedron. <i>CrystEngComm</i> , 2014, 16, 9645-9650.	2.6	187
22	Transformation of SiO ₂ in Titanium Silicalite-1/SiO ₂ extrudates during tetrapropylammonium hydroxide treatment and improvement of catalytic properties for propylene epoxidation. <i>Chemical Engineering Journal</i> , 2014, 253, 464-471.	12.7	40
23	Modification of small-crystal titanium silicalite-1 with organic bases: Recrystallization and catalytic properties in the hydroxylation of phenol. <i>Applied Catalysis A: General</i> , 2013, 453, 272-279.	4.3	97
24	Synthesis of titanium silicalite-1 with small crystal size by using mother liquor of titanium silicalite-1 as seeds (II): Influence of synthesis conditions on properties of titanium silicalite-1. <i>Microporous and Mesoporous Materials</i> , 2012, 162, 105-114.	4.4	32
25	Characterization and Catalytic Performance of Deactivated and Regenerated TS-1 Extrudates in a Pilot Plant of Propene Epoxidation. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 10586-10594.	3.7	35
26	Synthesis of Titanium Silicalite-1 with Small Crystal Size by Using Mother Liquid of Titanium Silicalite-1 As Seed. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 8485-8491.	3.7	65