Yi Zuo

List of Publications by Year in descending order

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26 papers	1,253 citations	516710 16 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	1626 citing authors

#	Article	IF	Citations
1	Facile synthesis of morphology and size-controlled zirconium metalâ€“organic framework UiO-66: the role of hydrofluoric acid in crystallization. CrystEngComm, 2015, 17, 6434-6440.	2.6	200
2	Solvothermal synthesis of NH₂-MIL-125(Ti) from circular plate to octahedron. CrystEngComm, 2014, 16, 9645-9650.	2.6	187
3	Synthesis of Fe/M (M = Mn, Co, Ni) bimetallic metal organic frameworks and their catalytic activity for phenol degradation under mild conditions. Inorganic Chemistry Frontiers, 2017, 4, 144-153.	6.0	131
4	Modification of small-crystal titanium silicalite-1 with organic bases: Recrystallization and catalytic properties in the hydroxylation of phenol. Applied Catalysis A: General, 2013, 453, 272-279.	4.3	97
5	CO₂ Hydrogenation to Hydrocarbons over Iron-based Catalyst: Effects of Physicochemical Properties of Al₂O₃ Supports. Industrial & Engineering Chemistry Research, 2014, 53, 17563-17569.	3.7	76
6	Role of pentahedrally coordinated titanium in titanium silicalite-1 in propene epoxidation. RSC Advances, 2015, 5, 17897-17904.	3.6	67
7	Synthesis of Titanium Silicalite-1 with Small Crystal Size by Using Mother Liquid of Titanium Silicalite-1 As Seed. Industrial & Engineering Chemistry Research, 2011, 50, 8485-8491.	3.7	65
8	Synthesis of Titanium Silicalite-1 with High Catalytic Performance for 1-Butene Epoxidation by Eliminating the Extraframework Ti. ACS Omega, 2016, 1, 1034-1040.	3.5	53
9	Enhanced Catalytic Performance of Titanium Silicaliteâ€1 in Tuning the Crystal Size in the Range 1200â€“200â€…nm in a Tetrapropylammonium Bromide System. ChemCatChem, 2015, 7, 2660-2668.	3.7	50
10	Facile synthesis of Fe-containing metalâ€“organic frameworks as highly efficient catalysts for degradation of phenol at neutral pH and ambient temperature. CrystEngComm, 2015, 17, 7160-7168.	2.6	50
11	Controlled synthesis of mixed-valent Fe-containing metal organic frameworks for the degradation of phenol under mild conditions. Dalton Transactions, 2016, 45, 7952-7959.	3.3	43
12	Transformation of SiO2 in Titanium Silicalite-1/SiO2 extrudates during tetrapropylammonium hydroxide treatment and improvement of catalytic properties for propylene epoxidation. Chemical Engineering Journal, 2014, 253, 464-471.	12.7	40
13	Mesoporous/Microporous Titanium Silicalite with Controllable Pore Diameter for Cyclohexene Epoxidation. Industrial & Engineering Chemistry Research, 2018, 57, 512-520.	3.7	38
14	Characterization and Catalytic Performance of Deactivated and Regenerated TS-1 Extrudates in a Pilot Plant of Propene Epoxidation. Industrial & Engineering Chemistry Research, 2012, 51, 10586-10594.	3.7	35
15	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. Microporous and Mesoporous Materials, 2012, 162, 105-114.	4.4	32
16	Role of Supports in the Tetrapropylammonium Hydroxide Treated Titanium Silicalite-1 Extrudates. Industrial & Engineering Chemistry Research, 2015, 54, 1513-1519.	3.7	22
17	Enhanced Catalytic Activity on Postâ€Synthesized Hollow Titanium Silicaliteâ€1â€‰with High Titanium Content on the External Surface. ChemistrySelect, 2016, 1, 6160-6166.	1.5	14
18	Improved Catalytic Performance for 1-Butene Epoxidation over Titanium Silicalite-1 Extrudates by Using SBA-15 or Carborundum as Additives. Industrial & Engineering Chemistry Research, 2017, 56, 7462-7467.	3.7	14

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19	Highly stable TS-1 extrudates for 1-butene epoxidation through improving the heat conductivity. Catalysis Science and Technology, 2020, 10, 6152-6160.	4.1	9
20	The High-PerformanceÂHollow Silicalite-1@Titanium Silicalite-1ÂCore-Shell Catalyst for Propene Epoxidation. ChemistrySelect, 2017, 2, 10097-10100.	1.5	7
21	Role of Recrystallization in Alkaline Treatment on the Catalytic Activity of 1â€Butene Epoxidation. ChemCatChem, 2020, 12, 6196-6204.	3.7	6
22	From nano aggregates to nano plates: The roles of gelatin in the crystallization of titanium silicate-1. Microporous and Mesoporous Materials, 2021, 321, 111100.	4.4	6
23	Kinetics simulation of propylene epoxidation over different Ti species in TS â€1. AICHE Journal, 2021, 67, e17261.	3.6	5
24	Bulky macroporous titanium silicalite-1 free of extraframework titanium for phenol hydroxylation. Microporous and Mesoporous Materials, 2022, 336, 111884.	4.4	3
25	Synthesis of Silicoâ€Phosphoâ€Aluminum Nanosheets by Adding Amino Acid and its Catalysis in the Conversion of Furfuryl Alcohol to Fuel Additives. ChemSusChem, 2022, 15, .	6.8	3
26	Coordination States and Catalytic Performance of Ti in Titanium Silicalite-1. , 2020, , .		0