

Ying Zhang

List of Publications by Year in descending order

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57
papers

1,981
citations

279798

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243625

44
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57
docs citations

57
times ranked

3005
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-Responsive Nanogated Ensemble Based on Gold-Capped Mesoporous Silica through an Acid-Labile Acetal Linker. <i>Journal of the American Chemical Society</i> , 2010, 132, 1500-1501.	13.7	376
2	Amine-modified mesocellular silica foams for CO ₂ capture. <i>Chemical Engineering Journal</i> , 2011, 168, 918-924.	12.7	170
3	Multiresponsive Supramolecular Nanogated Ensembles. <i>Journal of the American Chemical Society</i> , 2009, 131, 15128-15129.	13.7	148
4	Heterogenization of functionalized Cu(II) and VO(IV) Schiff base complexes by direct immobilization onto amino-modified SBA-15: Styrene oxidation catalysts with enhanced reactivity. <i>Applied Catalysis A: General</i> , 2010, 381, 274-281.	4.3	103
5	Tethering of Cu(II), Co(II) and Fe(III) tetrahydro-salen and salen complexes onto amino-functionalized SBA-15: Effects of salen ligand hydrogenation on catalytic performances for aerobic epoxidation of styrene. <i>Chemical Engineering Journal</i> , 2011, 171, 1356-1366.	12.7	97
6	Three-Dimensional Photoluminescent Frameworks Constructed from Size-Tunable CuI Clusters. <i>Crystal Growth and Design</i> , 2010, 10, 2047-2049.	3.0	72
7	CuI Cluster-Based Organic Frameworks with Unusual 4- and 5-Connected Topologies. <i>Crystal Growth and Design</i> , 2011, 11, 29-32.	3.0	69
8	A novel method for the preparation of MOR/MCM-41 composite molecular sieve. <i>Catalysis Communications</i> , 2005, 6, 87-91.	3.3	63
9	Characterization and activity of Mo supported catalysts for diesel deep hydrodesulphurization. <i>Catalysis Today</i> , 2007, 119, 13-18.	4.4	59
10	Synthesis of hierarchically porous silicas with mesophase transformations in a four-component microemulsion-type system and the catalytic performance for dibenzothiophene hydrodesulfurization. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6823-6833.	10.3	50
11	Multifunctional Anionic MOF Material for Dye Enrichment and Selective Sorption of C ₂ Hydrocarbons over Methane via Ag ⁺ -Exchange. <i>Inorganic Chemistry</i> , 2014, 53, 12973-12976.	4.0	47
12	Controlled Drug Release from Cyclodextrin-Gated Mesoporous Silica Nanoparticles Based on Switchable Host-Guest Interactions. <i>Bioconjugate Chemistry</i> , 2018, 29, 2884-2891.	3.6	47
13	Selective Ethylene Oligomerization with Chromium-Based Metal-Organic Framework MIL-100 Evacuated under Different Temperatures. <i>Organometallics</i> , 2017, 36, 632-638.	2.3	45
14	Solvent controlled assembly of four Mn(II)-2,5-thiophenedicarboxylate frameworks with rod-packing architectures and magnetic properties. <i>CrystEngComm</i> , 2013, 15, 6009.	2.6	42
15	Synthesis, characterization, and catalytic properties of stable mesoporous molecular sieve MCM-41 prepared from zeolite mordenite. <i>Journal of Solid State Chemistry</i> , 2004, 177, 4800-4805.	2.9	38
16	Iron(III), cobalt(II) and copper(II) complexes bearing 8-quinolinol encapsulated in zeolite- γ for the aerobic oxidation of styrene. <i>Applied Organometallic Chemistry</i> , 2011, 25, 262-269.	3.5	38
17	Hydrodesulfurization of Fluidized Catalytic Cracking Diesel Oil over NiW/AMB Catalysts Containing H-Type β -Zeolite in Situ Synthesized from Kaolin Material. <i>Energy & Fuels</i> , 2009, 23, 3846-3852.	5.1	33
18	Oxovanadium(IV) and dioxomolybdenum(VI) salen complexes tethered onto amino-functionalized SBA-15 for the epoxidation of cyclooctene. <i>Solid State Sciences</i> , 2011, 13, 1938-1942.	3.2	33

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19	Optimal synthesis of micro/mesoporous beta zeolite from kaolin clay and catalytic performance for hydrodesulfurization of diesel. <i>Catalysis Today</i> , 2011, 175, 485-493.	4.4	32
20	Influence of synthesis parameters on the crystallinity and Si/Al ratio of NaY zeolite synthesized from kaolin. <i>Petroleum Science</i> , 2010, 7, 403-409.	4.9	30
21	Synthesis of C&N dual-doped Cr ₂ O ₃ visible light-driven photocatalysts derived from metalorganic framework (MOF) for cyclohexane oxidation. <i>RSC Advances</i> , 2016, 6, 84871-84881.	3.6	30
22	Heterobimetallic Metal-Organic Framework as a Precursor to Prepare a Nickel/Nanoporous Carbon Composite Catalyst for 4-Nitrophenol Reduction. <i>ChemCatChem</i> , 2014, 6, 3084-3090.	3.7	27
23	Periodic mesoporous organosilicas with bis(8-quinolinolato) dioxomolybdenum(VI) inside the channel walls. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 157-163.	9.4	26
24	Ultrathin Nickel-Based Metal-Organic Framework Nanosheets as Reusable Heterogeneous Catalyst for Ethylene Dimerization. <i>ACS Applied Nano Materials</i> , 2019, 2, 136-142.	5.0	24
25	Synthesis, characterization, and catalytic properties of a hydrothermally stable Beta/MCM-41 composite from well-crystallized zeolite Beta. <i>Journal of Porous Materials</i> , 2008, 15, 133-138.	2.6	23
26	Zeolite beta synthesized with acid-treated metakaolin and its application in diesel hydrodesulfurization. <i>Catalysis Today</i> , 2010, 149, 69-75.	4.4	23
27	Fast Syntheses of MOFs Using Nanosized Zeolite Crystal Seeds In Situ Generated from Microsized Zeolites. <i>Crystal Growth and Design</i> , 2013, 13, 2697-2702.	3.0	23
28	Fe ₃ O ₄ nanoclusters highly dispersed on a porous graphene support as an additive for improving the hydrogen storage properties of LiBH ₄ . <i>RSC Advances</i> , 2018, 8, 19353-19361.	3.6	18
29	Selective ethylene tetramerization with iron-based metal-organic framework MIL-100 to obtain C ₈ alkanes. <i>Applied Catalysis A: General</i> , 2018, 564, 183-189.	4.3	16
30	Improved olefin epoxidation performance of a discrete bis(8-quinolinol)oxovanadium(IV) complex covalently attached on SBA-15 by a metal-template/metal-exchange method. <i>Catalysis Communications</i> , 2010, 11, 808-811.	3.3	15
31	Hydrothermally stable aluminosilicate mesostructures prepared from zeolite ZSM-5. <i>Journal of Materials Science</i> , 2007, 42, 401-405.	3.7	13
32	Rapid crystallization and morphological adjustment of zeolite ZSM-5 in nonionic emulsions. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1-6.	2.9	13
33	NiW/AMBT catalysts for the production of ultra-low sulfur diesel. <i>Catalysis Today</i> , 2010, 158, 521-529.	4.4	12
34	Fabrication and characterization of a novel Fe(φ) modified C-doped Cr ₂ O ₃ photocatalyst for cyclohexane oxidation to cyclohexanone with ultrahigh selectivity. <i>Materials Chemistry and Physics</i> , 2020, 253, 123391.	4.0	12
35	A cascade of a denitrification bioreactor and an aerobic biofilm reactor for heavy oil refinery wastewater treatment. <i>RSC Advances</i> , 2019, 9, 7495-7504.	3.6	11
36	The transformation of acid leached metakaolin to zeolite beta. <i>Studies in Surface Science and Catalysis</i> , 2007, , 420-425.	1.5	10

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37	Synthesis of HKUST-1 and zeolite beta composites for deep desulfurization of model gasoline. RSC Advances, 2018, 8, 13750-13754.	3.6	10
38	Metal-Organic Gels Derived from Iron(III) and Pyridine Ligands: Morphology, Self-Healing and Catalysis for Ethylene Selective Dimerization. Chemistry - an Asian Journal, 2019, 14, 1582-1589.	3.3	10
39	A zinc(ii) metal-organic framework with high affinity for CO ₂ based on triazole and tetrazolyl benzene carboxylic acid. CrystEngComm, 2019, 21, 3679-3685.	2.6	9
40	C-doped Cr ₂ O ₃ /NaY composite membrane supported on stainless steel mesh with enhanced photocatalytic activity for cyclohexane oxidation. Journal of Materials Science, 2018, 53, 6552-6561.	3.7	8
41	Crystallization behavior of zeolite beta from acid-leached metakaolin. Petroleum Science, 2010, 7, 541-546.	4.9	7
42	Microporous metal-organic layer built from pentanuclear tetrahedral units: gas sorption and magnetism. New Journal of Chemistry, 2014, 38, 5272-5275.	2.8	7
43	Synthesis and Catalytic Performances of a Novel Zn-MOF Catalyst Bearing Nickel Chelating Diimine Carboxylate Ligands for Ethylene Oligomerization. Journal of Spectroscopy, 2015, 2015, 1-7.	1.3	7
44	Unusual Performance for the Selective Oxidation of Ethane to Acrolein over Mesoporous SBA-15-supported Potassium Catalysts. Chemistry Letters, 2005, 34, 1080-1081.	1.3	5
45	Synthesis of zeolite NaY in anionic, cationic and nonionic emulsions. Materials Research Bulletin, 2010, 45, 651-653.	5.2	5
46	Nonionic emulsion-mediated synthesis and characterization of Zeolite Y. Journal of Sol-Gel Science and Technology, 2010, 54, 212-219.	2.4	4
47	Isomerization of 1-Butene to 2-Butene Catalyzed by Metal-Organic Frameworks. Organometallics, 2020, 39, 51-57.	2.3	4
48	Deactivation and Regeneration of HZSM-5 Zeolite in Methanol-to-Propylene Reaction. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 1785-1794.	4.9	4
49	In-situ growth of ZSM-5 zeolite on acid-activated metakaolin. Studies in Surface Science and Catalysis, 2007, 170, 426-431.	1.5	3
50	ANIONIC EMULSION-MEDIATED SYNTHESIS OF ZEOLITE BETA. International Journal of Modern Physics B, 2010, 24, 3236-3241.	2.0	3
51	Visible-light-driven oxidation of cyclohexane using Cr-supported mesoporous catalysts prepared via phenyl-functionalized mesoporous silica. RSC Advances, 2016, 6, 38176-38182.	3.6	3
52	Anionic emulsion-directed synthesis of zeolite ZSM-5 with tunable morphology and Si/Al ratio. Journal of Sol-Gel Science and Technology, 2011, 59, 181-187.	2.4	2
53	Micro-mesoporous composite molecular sieves with wormlike morphology prepared from zeolite Beta. Studies in Surface Science and Catalysis, 2007, , 491-494.	1.5	1
54	Nonionic emulsion-mediated synthesis of zeolite beta. Bulletin of Materials Science, 2011, 34, 755-758.	1.7	1

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55	Synthesis of a new meso/ microporous composite molecular sieve of MCM-41/ mordenite. Science Bulletin, 2005, 50, 1180-1184.	1.7	0
56	Carbon Dioxide Capture and Dyes Separation in a Porous Framework with Anionic Sqi Net. International Journal of Nanoscience, 2014, 13, 1460001.	0.7	0
57	A facile pH-sensitive shielding strategy for polycationic gene delivery system. Journal of Controlled Release, 2017, 259, e158-e159.	9.9	0