

Xiaobo Yang

List of Publications by Year in descending order

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30
papers

1,065
citations

516710

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434195

31
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docs citations

31
times ranked

1545
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicalite-1 formation in acidic medium: Synthesis conditions and physicochemical properties. <i>Microporous and Mesoporous Materials</i> , 2022, 329, 111537.	4.4	14
2	Hydrothermal crystallization of clathrasils in acidic medium: Energetic aspects. <i>Microporous and Mesoporous Materials</i> , 2022, 333, 111728.	4.4	10
3	One-pot synthesis of hierarchical MnCu-SSZ-13 catalyst with excellent NH ₃ -SCR activity at low temperatures. <i>Microporous and Mesoporous Materials</i> , 2022, 333, 111720.	4.4	12
4	Acidic medium synthesis of zeolites – an avenue to control the structure-directing power of organic templates. <i>Dalton Transactions</i> , 2022, 51, 11499-11506.	3.3	8
5	A highly active VO ₂ -MnO ₂ /CeO ₂ for selective catalytic reduction of NO: The balance between redox property and surface acidity. <i>Journal of Rare Earths</i> , 2021, 39, 1370-1381.	4.8	9
6	Cu-IM-5 as the Catalyst for Selective Catalytic Reduction of NO _x with NH ₃ : Role of Cu Species and Reaction Mechanism. <i>Catalysts</i> , 2021, 11, 221.	3.5	8
7	Enhanced hydrothermal stability of Cu/SSZ-39 with increasing Cu contents, and the mechanism of selective catalytic reduction of NO. <i>Microporous and Mesoporous Materials</i> , 2021, 320, 111060.	4.4	21
8	Biom mineralization at the Molecular Level: Amino Acid-Assisted Crystallization of Zeotype AlPO ₄ ·1.5H ₂ O. <i>Crystal Growth and Design</i> , 2021, 21, 7298-7305.	3.0	4
9	Yolk-shell Prussian blue analogues hierarchical microboxes: Controllably exposing active sites toward enhanced cathode performance for lithium ion batteries. <i>Electrochimica Acta</i> , 2019, 319, 237-244.	5.2	21
10	APTES-functionalized Fe ₃ O ₄ microspheres supported Cu atom-clusters with superior catalytic activity towards 4-nitrophenol reduction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 547, 28-36.	4.7	36
11	A composite material with CeO ₂ -ZrO ₂ nanocrystallines embedded in SiO ₂ matrices and its enhanced thermal stability and oxygen storage capacity. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	2
12	High silica zeolite Phi, a CHA type zeolite with ABC-D6R stacking faults. <i>Microporous and Mesoporous Materials</i> , 2017, 248, 129-138.	4.4	11
13	Zeolite-catalyzed biomass conversion to fuels and chemicals. <i>Energy and Environmental Science</i> , 2011, 4, 793-804.	30.8	417
14	Characterization of catalysts in their active state by adsorption microcalorimetry: Experimental design and application to sulfated zirconia. <i>Journal of Catalysis</i> , 2010, 269, 351-358.	6.2	21
15	An unusual hydrothermal phase transformation of quartz-type gallium phosphate into zeotype GaPO ₄ -LTA and backwards. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 637-640.	4.4	2
16	Solvothermal synthesis of germanosilicate-sodalite and silica-sodalite: Effects of water, germanium and fluoride. <i>Microporous and Mesoporous Materials</i> , 2007, 100, 95-102.	4.4	22
17	Surface barriers on nanoporous particles: A new method of their quantitation by PFG NMR. <i>Microporous and Mesoporous Materials</i> , 2007, 104, 89-96.	4.4	25
18	Exploring the surface permeability of nanoporous particles by pulsed field gradient NMR. <i>Journal of Magnetic Resonance</i> , 2007, 185, 300-307.	2.1	23

#	ARTICLE	IF	CITATIONS
19	Revision of Charnell's procedure towards the synthesis of large and uniform crystals of zeolites A and X. <i>Microporous and Mesoporous Materials</i> , 2006, 90, 53-61.	4.4	33
20	n-Butane Isomerization Catalyzed by Sulfated Zirconia Nanocrystals Supported on Silica or γ -Alumina. <i>Catalysis Letters</i> , 2006, 106, 195-203.	2.6	10
21	Synthesis and crystal structure of tetramethylammonium fluoride octadecasil. <i>Materials Research Bulletin</i> , 2006, 41, 54-66.	5.2	22
22	Propene Adsorption Sites in Zeolite ITQ-12: A Combined Synchrotron X-ray and Neutron Diffraction Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7894-7899.	2.6	15
23	ITQ-12: A Zeolite Having Temperature Dependent Adsorption Selectivity and Potential for Propene Separation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11044-11048.	2.6	53
24	Synthesis and Crystal Structure of As-Synthesized and Calcined Pure Silica Zeolite ITQ-12. <i>Journal of the American Chemical Society</i> , 2004, 126, 10403-10409.	13.7	62
25	Mechanical stress induced activity and phase composition changes in sulfated zirconia catalysts. <i>Journal of Catalysis</i> , 2003, 217, 487-490.	6.2	16
26	Sulfated Zirconia with Ordered Mesopores as an Active Catalyst for n-Butane Isomerization. <i>Catalysis Letters</i> , 2002, 81, 25-31.	2.6	52
27	Synthesis of microporous titanasilicate ETS-10 with TiF_4 or TiO_2 . <i>Microporous and Mesoporous Materials</i> , 2001, 46, 1-11.	4.4	73
28	Enantioselective hydrogenation on zeolite-encapsulated chiral palladium-salen complexes. <i>Microporous and Mesoporous Materials</i> , 2000, 35-36, 137-142.	4.4	19
29	Liquid-phase hydrogenation of 1,5-cyclooctadiene on zeolite-encapsulated noble metal-salen complexes. <i>Microporous and Mesoporous Materials</i> , 1998, 22, 457-464.	4.4	33
30	Synthesis of adamantane on zeolite catalysts. <i>Chinese Journal of Chemistry</i> , 1994, 12, 52-57.	4.9	4