

ZhaoTian

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Morphology control synthesis of Cr-benzenedicarboxylate MOFs for the removal of methylene blue. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122651.	2.9	5
2	Low-Temperature and Additive-Free Synthesis of Spherical MIL-101(Cr) with Enhanced Dye Adsorption Performance. <i>Inorganics</i> , 2022, 10, 33.	2.7	5
3	Nanofused Hierarchically Porous MIL-101(Cr) for Enhanced Methyl Orange Removal and Improved Catalytic Activity. <i>Materials</i> , 2022, 15, 3645.	2.9	8
4	The enhanced dyes removal and catalytic property for nanofused structural chromium-benzenedicarboxylate metal-organic framework. <i>Chemical Physics Letters</i> , 2022, 803, 139859.	2.6	3
5	Template-free synthesis to micro-meso-macroporous hierarchy in nanostructured MIL-101(Cr) with enhanced catalytic activity. <i>Science China Materials</i> , 2021, 64, 252-258.	6.3	23
6	A Polyoxometalate Composite Based on Hierarchical MIL-101 with Enhanced Catalytic Activity in Methanolysis of Styrene Oxide. <i>Catalysts</i> , 2020, 10, 772.	3.5	3
7	The Nano-Confinement Effect on the SCO Behavior of [Fe(NH ₂ trz) ₃](NO ₃) ₂ 1D Chains in MCM-41. <i>Crystals</i> , 2020, 10, 639.	2.2	1
8	Comparison of Catalytic Activity of Chromium-Benzenedicarboxylate Metal-Organic Framework Based on Various Synthetic Approach. <i>Catalysts</i> , 2020, 10, 318.	3.5	7
9	A novel fabrication of [Fe(HB(pz) ₃) ₂]@MIL-101 hybrid material via diffusion and the lower temperature shift on its spin transition behavior. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	6
10	Benzoic acid as a selector-modulator in the synthesis of MIL-88B(Cr) and nano-MIL-101(Cr). <i>Dalton Transactions</i> , 2019, 48, 989-996.	3.3	49
11	Synthesis of hydrophobic and hydrophilic TiO ₂ nanofluids for transformable surface wettability and photoactive coating. <i>Chemical Communications</i> , 2019, 55, 9275-9278.	4.1	14
12	Silica coating with well-defined micro-nano hierarchy for universal and stable surface superhydrophobicity. <i>Chemical Physics Letters</i> , 2019, 730, 594-599.	2.6	10
13	Facile Fabrication of Nano-MIL-101(Cr) with Enhancement of Catalytic Activity in Oxidation of Indene. <i>Nanoscience and Nanotechnology Letters</i> , 2019, 11, 229-233.	0.4	3
14	Color Halftone Quick Response Code Based on Gravure Printing of Upconversion Hexagonal-Phase NaYF ₄ Crystals for Multilevel Anti-Counterfeiting. <i>Nanoscience and Nanotechnology Letters</i> , 2019, 11, 451-463.	0.4	1
15	Facile synthesis of nano-sized MIL-101(Cr) with the addition of acetic acid. <i>Inorganica Chimica Acta</i> , 2018, 471, 440-445.	2.4	41
16	Facile synthesise of upconversion NaYF ₄ capped with waterborne polyurethane prepolymer for packaging anti-counterfeiting. <i>Materials Express</i> , 2018, 8, 199-210.	0.5	3
17	π-π stacking for capturing-releasing Au clusters in meso-structured system. <i>Chemical Physics Letters</i> , 2018, 712, 134-138.	2.6	2
18	Synthesis of Stable Hierarchical MIL-101(Cr) with Enhanced Catalytic Activity in the Oxidation of Indene. <i>Catalysts</i> , 2018, 8, 394.	3.5	24

#	ARTICLE	IF	CITATIONS
19	The sized controlled synthesis of MIL-101(Cr) with enhanced CO ₂ adsorption property. Inorganic Chemistry Communication, 2018, 96, 47-51.	3.9	40
20	A combined experimental and computational study of a ruthenium(II) polypyridyl complex: Synthesis, characterization, electronic structures and spectral properties. Polyhedron, 2018, 151, 441-445.	2.2	2
21	A view on systematic truncation of tetrahedral ligands for coordination polymers. CrystEngComm, 2017, 19, 776-780.	2.6	18
22	Solvent-triggered relaxative spin state switching of [Fe(HB(pz) ₃) ₂] in a closed nano-confinement of NH ₂ -MIL-101(Al). Journal of Materials Chemistry C, 2016, 4, 6588-6601.	5.5	36
23	Water effect on the spin-transition behavior of Fe(1,2,4-triazole) 1D chains embedded in pores of MCM-41. Journal of Materials Chemistry C, 2015, 3, 7802-7812.	5.5	46
24	High-yield, fluoride-free and large-scale synthesis of MIL-101(Cr). Dalton Transactions, 2015, 44, 16791-16801.	3.3	160
25	Microwave synthesis of zinc sulfite and porous zinc oxide microrods. Chemical Communications, 2011, 47, 3986.	4.1	7
26	Microwave-controlled ultrafast synthesis of uniform silver nanocubes and nanowires. Chemical Physics Letters, 2011, 501, 414-418.	2.6	30
27	Microwave-Controlled Facile Synthesis of Well-Defined PbS Hexapods. Journal of Nanoscience and Nanotechnology, 2011, 11, 7807-7812.	0.9	5
28	Real-Time Monitoring and Scale-Up Synthesis of Concentrated Gold Nanorods. Journal of Biomedical Nanotechnology, 2009, 5, 573-578.	1.1	5
29	The ionic liquid [Bmim][FeCl ₄] catalyzes the formation of iron doped mesoporous silica aerogels for H ₂ O decomposition. Matters, 0, , .	1.0	2