

# ZhaoTian

## List of Publications by Year in descending order

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	High-yield, fluoride-free and large-scale synthesis of MIL-101(Cr). Dalton Transactions, 2015, 44, 16791-16801.	3.3	160
2	Benzoic acid as a selectorâ€‘modulator in the synthesis of MIL-88B(Cr) and nano-MIL-101(Cr). Dalton Transactions, 2019, 48, 989-996.	3.3	49
3	Water effect on the spin-transition behavior of Fe( $\mu_3$ -1,2,4-triazole) 1D chains embedded in pores of MCM-41. Journal of Materials Chemistry C, 2015, 3, 7802-7812.	5.5	46
4	Facile synthesis of nano-sized MIL-101(Cr) with the addition of acetic acid. Inorganica Chimica Acta, 2018, 471, 440-445.	2.4	41
5	The sized controlled synthesis of MIL-101(Cr) with enhanced CO <sub>2</sub> adsorption property. Inorganic Chemistry Communication, 2018, 96, 47-51.	3.9	40
6	Solvent-triggered relaxative spin state switching of [Fe(HB(pz) <sub>3</sub> ) <sub>2</sub> ] in a closed nano-confinement of NH <sub>2</sub> -MIL-101(Al). Journal of Materials Chemistry C, 2016, 4, 6588-6601.	5.5	36
7	Microwave-controlled ultrafast synthesis of uniform silver nanocubes and nanowires. Chemical Physics Letters, 2011, 501, 414-418.	2.6	30
8	Synthesis of Stable Hierarchical MIL-101(Cr) with Enhanced Catalytic Activity in the Oxidation of Indene. Catalysts, 2018, 8, 394.	3.5	24
9	Template-free synthesis to micro-meso-macroporous hierarchy in nanostructured MIL-101(Cr) with enhanced catalytic activity. Science China Materials, 2021, 64, 252-258.	6.3	23
10	A view on systematic truncation of tetrahedral ligands for coordination polymers. CrystEngComm, 2017, 19, 776-780.	2.6	18
11	Synthesis of hydrophobic and hydrophilic TiO <sub>2</sub> nanofluids for transformable surface wettability and photoactive coating. Chemical Communications, 2019, 55, 9275-9278.	4.1	14
12	Silica coating with well-defined micro-nano hierarchy for universal and stable surface superhydrophobicity. Chemical Physics Letters, 2019, 730, 594-599.	2.6	10
13	Nanofused Hierarchically Porous MIL-101(Cr) for Enhanced Methyl Orange Removal and Improved Catalytic Activity. Materials, 2022, 15, 3645.	2.9	8
14	Microwave synthesis of zinc sulfite and porous zinc oxide microrods. Chemical Communications, 2011, 47, 3986.	4.1	7
15	Comparison of Catalytic Activity of Chromiumâ€‘Benzenedicarboxylate Metalâ€‘Organic Framework Based on Various Synthetic Approach. Catalysts, 2020, 10, 318.	3.5	7
16	A novel fabrication of [Fe(HB(pz) <sub>3</sub> ) <sub>2</sub> ]@MIL-101 hybrid material via diffusion and the lower temperature shift on its spin transition behavior. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	6
17	Real-Time Monitoring and Scale-Up Synthesis of Concentrated Gold Nanorods. Journal of Biomedical Nanotechnology, 2009, 5, 573-578.	1.1	5
18	Microwave-Controlled Facile Synthesis of Well-Defined PbS Hexapods. Journal of Nanoscience and Nanotechnology, 2011, 11, 7807-7812.	0.9	5

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Facile synthesise of upconversion $\text{NaYF}_4$ capped with waterborne polyurethane prepolymer for packaging anti-counterfeiting. <i>Materials Express</i> , 2018, 8, 199-210.	0.5	3
22	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
23	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
24	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
25	$\pi$ - $\pi$ stacking for capturing-releasing Au clusters in meso-structured system. <i>Chemical Physics Letters</i> , 2018, 712, 134-138.	2.6	2
26	A combined experimental and computational study of a ruthenium(II) polypyridyl complex: Synthesis, characterization, electronic structures and spectral properties. <i>Polyhedron</i> , 2018, 151, 441-445.	2.2	2
27	The ionic liquid $[\text{Bmim}][\text{FeCl}_4]$ catalyzes the formation of iron doped mesoporous silica aerogels for $\text{H}_2\text{O}_2$ decomposition. <i>Matters</i> , 0, , .	1.0	2
28	The Nano-Confinement Effect on the SCO Behavior of $[\text{Fe}(\text{NH}_2\text{trz})_3](\text{NO}_3)_2$ 1D Chains in MCM-41. <i>Crystals</i> , 2020, 10, 639.	2.2	1
29	Color Halftone Quick Response Code Based on Gravure Printing of Upconversion Hexagonal-Phase $\text{NaYF}_4$ Crystals for Multilevel Anti-Counterfeiting. <i>Nanoscience and Nanotechnology Letters</i> , 2019, 11, 451-463.	0.4	1