

# Zhenlan Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,630  
citations

840776

11  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect-Engineered Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7234-7254.	13.8	923
2	Structural Complexity in Metal-Organic Frameworks: Simultaneous Modification of Open Metal Sites and Hierarchical Porosity by Systematic Doping with Defective Linkers. <i>Journal of the American Chemical Society</i> , 2014, 136, 9627-9636.	13.7	240
3	Heterogeneous catalysts based on mesoporous metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2018, 373, 199-232.	18.8	113
4	A Series of Lanthanide-Based Metal-Organic Frameworks: Synthesis, Structures, and Multicolor Tuning of Single Component. <i>Inorganic Chemistry</i> , 2017, 56, 2345-2353.	4.0	47
5	Three Two-Folded Interpenetrating 3D Metal-Organic Frameworks Consisting of Dinuclear Metal Units: Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2011, 11, 4517-4524.	3.0	42
6	Defects engineering simultaneously enhances activity and recyclability of MOFs in selective hydrogenation of biomass. <i>Nature Communications</i> , 2022, 13, 2068.	12.8	37
7	Alleviating the emitter concentration effect on upconversion nanoparticles via an inert shell. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1537-1543.	5.5	31
8	Two Silver Coordination Network Compounds with Colorful Photoluminescence. <i>Inorganic Chemistry</i> , 2016, 55, 7954-7961.	4.0	20
9	Synthesis and biomedical application of nanocomposites integrating metal-organic frameworks with upconversion nanoparticles. <i>Coordination Chemistry Reviews</i> , 2022, 468, 214641.	18.8	13
10	Thinning shell thickness of CuInS <sub>2</sub> @ZnS quantum dots to boost detection sensitivity. <i>Analytica Chimica Acta</i> , 2019, 1047, 124-130.	5.4	12
11	Single-irradiation Simultaneous Dual-Modal Bioimaging Using Nanostructure Scintillators as Single Contrast Agent. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801324.	7.6	11
12	Solvothermal synthesis of two new coordination polymers: in situ heterocycle conversion and N-alkylation, network topologies and luminescence properties. <i>CrystEngComm</i> , 2012, 14, 4794.	2.6	9
13	The effect of surface-capping oleic acid on the optical properties of lanthanide-doped nanocrystals. <i>Nanoscale</i> , 2021, 13, 12494-12504.	5.6	8
14	GdF <sub>3</sub> hollow spheres: self-assembly and multiple emission spanning the UV to NIR regions under 980 nm excitation. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1540-1545.	6.0	6
15	Multicolour barcoding in one MOF crystal through rational postsynthetic transmetalation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3176-3182.	5.5	6
16	Single-Metallic Thermoresponsive Coordination Network as a Dual-Parametric Luminescent Thermometer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35905-35913.	8.0	5
17	The Catalytic Properties of a Copper-Based Nanoscale Coordination Polymer Fabricated by a Solvent-Etching Top-Down Route. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4803-4807.	2.0	4
18	Unravelling phase and morphology evolution of NaYb <sub>4</sub> upconversion nanoparticles via modulating reaction parameters. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4081-4090.	6.0	4

#	ARTICLE	IF	CITATIONS
19	Intentional anion incorporation to rationally modulate the size, shape and optical properties of lanthanide oxide nanocrystals. <i>Nanoscale</i> , 2019, 11, 5633-5639.	5.6	1
20	Coordination networks constructed from a flexible ligand: single-crystal-to-single-crystal transformations and thermoresponsive and electrochemical performances. <i>CrystEngComm</i> , 2022, 24, 5364-5371.	2.6	1