

Li-Yan Zheng

List of Publications by Year in descending order

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38
papers

1,400
citations

394286

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37
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docs citations

39
times ranked

2037
citing authors

#	ARTICLE	IF	CITATIONS
1	Encapsulation of Strongly Fluorescent Carbon Quantum Dots in Metal-Organic Frameworks for Enhancing Chemical Sensing. <i>Analytical Chemistry</i> , 2014, 86, 1223-1228.	3.2	315
2	Encapsulation of Hemin in Metal-Organic Frameworks for Catalyzing the Chemiluminescence Reaction of the H ₂ O ₂ -Luminol System and Detecting Glucose in the Neutral Condition. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11322-11329.	4.0	186
3	Light-Induced Redox-Responsive Smart Drug Delivery System by Using Selenium-Containing Polymer@MOF Shell/Core Nanocomposite. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900406.	3.9	90
4	Fast, Sensitive, and Selective Ion-Triggered Disassembly and Release Based on Tris(bipyridine)ruthenium(II)-Functionalized Metal-Organic Frameworks. <i>Analytical Chemistry</i> , 2015, 87, 4864-4870.	3.2	76
5	Multi-Stimuli Responsive and Multicolor Adjustable Pure Organic Room Temperature Fluorescence-Phosphorescent Dual-Emission Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2101312.	7.8	72
6	Facile synthesis of 2D covalent organic frameworks for cooperative photocatalysis with TEMPO: The selective aerobic oxidation of benzyl amines. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120846.	10.8	63
7	Modulating the Stacking Model of Covalent Organic Framework Isomers with Different Generation Efficiencies of Reactive Oxygen Species. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29471-29481.	4.0	43
8	Intermolecular oxyarylation of olefins with aryl halides and TEMPOH catalyzed by the phenolate anion under visible light. <i>Chemical Science</i> , 2020, 11, 6996-7002.	3.7	40
9	Sensitive detection of mercury and copper ions by fluorescent DNA/Ag nanoclusters in guanine-rich DNA hybridization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1250-1257.	2.0	39
10	A hollow microshuttle-shaped capsule covalent organic framework for protein adsorption. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1469-1474.	2.9	38
11	Modulating the optical properties of the AIE fluorophore confined within UiO-66's nanochannels for chemical sensing. <i>Nanoscale</i> , 2016, 8, 17489-17495.	2.8	32
12	Reversible Phase Transition of Porous Coordination Polymers. <i>Chemistry - A European Journal</i> , 2020, 26, 2766-2779.	1.7	32
13	Two-dimensional metal-organic framework nanobelts for selective Fe ³⁺ removal from aqueous solution with high adsorption capacity. <i>Separation and Purification Technology</i> , 2020, 239, 116559.	3.9	32
14	A highly selective TPE-based AIE fluorescent probe is developed for the detection of Ag ⁺ . <i>RSC Advances</i> , 2018, 8, 19701-19706.	1.7	31
15	A highly zinc-selective ratiometric fluorescent probe based on AIE luminogen functionalized coordination polymer nanoparticles. <i>RSC Advances</i> , 2017, 7, 21446-21451.	1.7	29
16	Copper metal-organic polyhedra nanorods with high intrinsic peroxidase-like activity at physiological pH for bio-sensing. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9365-9370.	2.9	27
17	A turn-on coordination nanoparticle-based fluorescent probe for phosphate in human serum. <i>Nanoscale</i> , 2015, 7, 4971-4977.	2.8	24
18	A hydrogel directly assembled from a copper metal-organic polyhedron for antimicrobial application. <i>Chemical Communications</i> , 2019, 55, 2206-2209.	2.2	24

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19	Facile synthesis and separation of <i>E/Z</i> isomers of aromatic-substituted tetraphenylethylene for investigating their fluorescent properties <i>via</i> single crystal analysis. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4155-4163.	2.7	22
20	Three Silver Coordination Polymers with Diverse Architectures Constructed from Pyridine Carboxylic Hydrazone Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 11793-11800.	1.9	20
21	Acylation of Arenes with Aldehydes through Dual C-H Activations by Merging Photocatalysis and Palladium Catalysis. <i>Organic Letters</i> , 2021, 23, 3772-3776.	2.4	20
22	An aggregation-induced emission-based pH-sensitive fluorescent probe for intracellular acidity sensing. <i>RSC Advances</i> , 2016, 6, 25416-25419.	1.7	18
23	A biocompatible PAA-Cu-MOP hydrogel for wound healing. <i>RSC Advances</i> , 2020, 10, 36212-36218.	1.7	16
24	A stable silver metallacage with solvatochromic and mechanochromic behavior for white LED fabrication. <i>Chemical Communications</i> , 2019, 55, 8474-8477.	2.2	15
25	Solvent-Driven Reversible Phase Transition of a Pillared Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2019, 25, 5787-5792.	1.7	15
26	HDBB@ZIF-8 fluorescent nanoprobe with hereditary alcohols selectivity for chemical sensing. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109959.	2.2	13
27	A turn-on NIR fluorescence sensor for gossypol based on Yb-based metal-organic framework. <i>Talanta</i> , 2022, 238, 123030.	2.9	12
28	Silver-Driven Coordination Self-Assembly of Tetraphenylethene Stereoisomer: Construct Charming Topologies and Their Mechanochromic Behaviors. <i>Inorganic Chemistry</i> , 2020, 59, 6508-6517.	1.9	11
29	Intermolecular hydrogen bonds induce restriction of access to the dark state for triggering aggregation-induced emission. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5356-5363.	2.7	11
30	Reversible Photochromic Coordination Polymer by Phototriggered Subtle Molecular Conformation Variations. <i>Inorganic Chemistry</i> , 2021, 60, 18870-18878.	1.9	7
31	Fast photostimulus-responsive ultralong room-temperature phosphorescence behaviour of benzoic acid derivatives@boric acid. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8806-8814.	2.7	6
32	A stable 1D helical silver coordination polymer with red emission. <i>Polymer Chemistry</i> , 2019, 10, 2653-2657.	1.9	5
33	Accurate assessment of parabens exposure in healthy Chinese female adults: Findings from a multi-pathway exposure assessment coupled with intervention study. <i>Environmental Research</i> , 2021, 193, 110540.	3.7	5
34	Copper Metal Organic Polyhedron (Cu-MOP) Hydrogel as Responsive Cytoprotective Shell for Living Cell Encapsulation. <i>ACS Applied Bio Materials</i> , 2020, 3, 3268-3275.	2.3	4
35	Various Dimensional Cu-DPA Coordination Polymers Based on the Same Components for Different Electronic and Photothermal Properties. <i>Small Structures</i> , 2022, 3, .	6.9	3
36	Ultramicrotomy preparation of magnetic nanoparticles for transmission electron microscopy. <i>Ultramicroscopy</i> , 2021, 227, 113275.	0.8	2

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37	Morphologyâ€Dependent Peroxidase Mimicking Enzyme Activity of Copper Metalâ€Organic Polyhedra Assemblies. Chemistry - A European Journal, 2021, 27, 15730-15736.	1.7	2
38	Frontispiece: Reversible Phase Transition of Porous Coordination Polymers. Chemistry - A European Journal, 2020, 26, .	1.7	0