

Hypersensitive dual-function luminescence switching of cluster-based metal-organic framework

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Unique Proton Dynamics in an Efficient MOF-Based Proton Conductor. <i>Journal of the American Chemical Society</i> , 2017, 139, 3505-3512.	6.6	283
2	A superior fluorescent sensor for Al ³⁺ and UO ₂ ²⁺ based on a Co(II) metal-organic framework with exposed pyrimidyl Lewis base sites. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13079-13085.	5.2	287
3	Turn-on Fluorescence Sensing and Discriminative Detection of Aliphatic Amines Using a 5-Fold-Interpenetrated Coordination Polymer. <i>Inorganic Chemistry</i> , 2017, 56, 6772-6775.	1.9	53
4	Tunable Luminescent Heterometallic Zn ₂ Ln ₂ Edge-Defective Molecular Cubane with Stimuli-Responsive Properties. <i>Inorganic Chemistry</i> , 2017, 56, 6768-6771.	1.9	16
5	Modulating photo-luminescence of Au ₂ Cu ₆ nanoclusters via ligand-engineering. <i>RSC Advances</i> , 2017, 7, 28606-28609.	1.7	35
6	Solvent-Controlled Phase Transition of a Co(II)-Organic Framework: From Achiral to Chiral and Two to Three Dimensions. <i>Chemistry - A European Journal</i> , 2017, 23, 7990-7996.	1.7	111
7	Layer-by-Layer Assembled Conductive Metal-Organic Framework Nanofilms for Room-Temperature Chemiresistive Sensing. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16510-16514.	7.2	424
8	Coordination-modulated piezochromism in metal-organic materials. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12400-12408.	2.7	90
9	Tuning Photoluminescent Properties of Silver(I)-Based Coordination Networks through their Supramolecular Interactions. <i>Crystal Growth and Design</i> , 2017, 17, 5965-5974.	1.4	9
10	Missing-node directed synthesis of hierarchical pores on a zirconium metal-organic framework with tunable porosity and enhanced surface acidity via a microdroplet flow reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22372-22379.	5.2	159
11	Layer-by-Layer Assembled Conductive Metal-Organic Framework Nanofilms for Room-Temperature Chemiresistive Sensing. <i>Angewandte Chemie</i> , 2017, 129, 16737-16741.	1.6	98
12	Highly sensitive and selective fluorescent probe for Fe ³⁺ and hazardous phenol compounds based on a water-stable Zn-based metal-organic framework in aqueous media. <i>RSC Advances</i> , 2017, 7, 50035-50039.	1.7	17
13	The Impact of Charge Distribution on Photochromic Properties in 1D Coordination Polymers. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1766-1770.	0.6	7
14	A porous copper-organic framework with intersecting channels and gas adsorption properties. <i>Dalton Transactions</i> , 2017, 46, 13952-13956.	1.6	11
15	A luminescent cerium metal-organic framework for the turn-on sensing of ascorbic acid. <i>Chemical Communications</i> , 2017, 53, 11221-11224.	2.2	111
16	pH-Stable Eu- and Tb-organic-frameworks mediated by an ionic liquid for the aqueous-phase detection of 2,4,6-trinitrophenol (TNP). <i>Dalton Transactions</i> , 2017, 46, 15434-15442.	1.6	111
17	Cation-Induced Strategy toward an Hourglass-Shaped Cu ₆ I ₇ Cluster and Its Color-Tunable Luminescence. <i>Chemistry of Materials</i> , 2017, 29, 8093-8099.	3.2	37
18	Silver Thiolate Nano-sized Molecular Clusters and Their Supramolecular Covalent Frameworks: An Approach Toward Pre-templated Synthesis. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2763-2769.	1.7	14

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19	A Water-Stable Cl@Ag ₁₄ Cluster Based Metal-Organic Open Framework for Dichromate Trapping and Bacterial Inhibition. <i>Inorganic Chemistry</i> , 2017, 56, 11891-11899.	1.9	60
20	Silver-Sulfur Hybrid Supertetrahedral Clusters: The Hitherto Missing Members in the Metal-Chalcogenide Tetrahedral Clusters. <i>Chemistry - A European Journal</i> , 2017, 23, 14420-14424.	1.7	19
21	Functional nanonetwork-structured polymers with inbuilt poly(acrylic acid) linings for enhanced adsorption. <i>Polymer Chemistry</i> , 2017, 8, 4771-4775.	1.9	35
22	Silver nanoclusters with enhanced fluorescence and specific ion recognition capability triggered by alcohol solvents: a highly selective fluorimetric strategy for detecting iodide ions in urine. <i>Chemical Communications</i> , 2017, 53, 9466-9469.	2.2	32
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24	Surprisingly high quantum yield of emission in a fluorescent coordination polymer with paramagnetic Mn(II) ions. <i>Dalton Transactions</i> , 2017, 46, 16779-16782.	1.6	5
25	Magnetic Switching by the In Situ Electrochemical Control of Quasi-Spin-Peierls Singlet States in a Three-Dimensional Spin Lattice Incorporating TTF-CNQ Salts. <i>Chemistry - A European Journal</i> , 2018, 24, 4294-4303.	1.7	12
26	Silver ethynide clusters constructed with fluorinated β^2 -diketonate ligands. <i>CrystEngComm</i> , 2018, 20, 2036-2042.	1.3	14
27	A uranyl phosphonate framework with a temperature-induced order-disorder transition and temperature-correlated photoluminescence. <i>CrystEngComm</i> , 2018, 20, 3153-3157.	1.3	14
28	A stable electron-deficient metal-organic framework for colorimetric and luminescence sensing of phenols and anilines. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9236-9244.	5.2	127
29	Dual-emission MOF dye sensor for ratiometric fluorescence recognition of RDX and detection of a broad class of nitro-compounds. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9183-9191.	5.2	170
30	Three Cd(II) MOFs with Different Functional Groups: Selective CO ₂ Capture and Metal Ions Detection. <i>Inorganic Chemistry</i> , 2018, 57, 5232-5239.	1.9	78
31	A Chemical Role for Trichloromethane: Room-Temperature Removal of Coordinated Solvents from Open Metal Sites in the Copper-Based Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2018, 57, 5225-5231.	1.9	33
32	Theoretical Analysis of Optical Absorption and Emission in Mixed Noble Metal Nanoclusters. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4058-4066.	1.1	5
33	A giant 90-nucleus silver cluster templated by hetero-anions. <i>Chemical Communications</i> , 2018, 54, 4461-4464.	2.2	49
34	Boosting ORR Catalytic Activity by Integrating Pyridine-N Dopants, a High Degree of Graphitization, and Hierarchical Pores into a MOF-Derived N-Doped Carbon in a Tandem Synthesis. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1318-1326.	1.7	24
35	Enhanced glucose sensing based on a novel composite Co ^{II} -MOF/Acb modified electrode. <i>Dalton Transactions</i> , 2018, 47, 3872-3879.	1.6	35
36	Observation of a new type of aggregation-induced emission in nanoclusters. <i>Chemical Science</i> , 2018, 9, 3062-3068.	3.7	118

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38	Mechanical-Stimulation-Triggered and Solvent-Vapor-Induced Reverse Single-Crystal-to-Single-Crystal Phase Transitions with Alterations of the Luminescence Color. <i>Journal of the American Chemical Society</i> , 2018, 140, 2875-2879.	6.6	134
39	Benzoate-Induced High-Nuclearity Silver Thiolate Clusters. <i>Chemistry - A European Journal</i> , 2018, 24, 4967-4972.	1.7	33
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41	Aggregation-Induced Emission (AIE) in Ag^+/Au Bimetallic Nanocluster. <i>Chemistry - A European Journal</i> , 2018, 24, 3712-3715.	1.7	43
42	Anisotropic Assembly of Ag_{52} and Ag_{76} Nanoclusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 1600-1603.	6.6	169
43	Small size yet big action: a simple sulfate anion templated a discrete 78-nuclearity silver sulfur nanocluster with a multishell structure. <i>Chemical Communications</i> , 2018, 54, 2361-2364.	2.2	29
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50	Diffusion Control in the in Situ Synthesis of Ionic Metal-Organic Frameworks within an Ionic Polymer Matrix. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3793-3800.	4.0	30
51	Atomically Precise Site-Specific Tailoring and Directional Assembly of Superatomic Silver Nanoclusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 1069-1076.	6.6	266
52	Self-Assembly of a Stable Silver Thiolate Nanocluster Encapsulating a Lacunary Keggin Phosphotungstate Anion. <i>Inorganic Chemistry</i> , 2018, 57, 4828-4832.	1.9	29
53	Layer-sliding-driven crystal size and photoluminescence change in a novel SCC-MOF. <i>Chemical Communications</i> , 2018, 54, 5361-5364.	2.2	49
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55	Inorganic open framework based on lanthanide ions and polyoxometalates with high proton conductivity. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1213-1217.	3.0	29
56	Two photochromic iodoargentate hybrids with adjustable photoresponsive mechanism. <i>Dalton Transactions</i> , 2018, 47, 6031-6035.	1.6	20
57	Engineering design toward exploring the functional group substitution in 1D channels of Zn ^{II} -organic frameworks upon nitro explosives and antibiotics detection. <i>Dalton Transactions</i> , 2018, 47, 5359-5365.	1.6	126
58	Zinc(II) coordination polymer on the base of 3-((1H-tetrazol-5-yl)-[1,1'-biphenyl]-4-carboxylic acid: Synthesis, crystal structure and antimicrobial properties. <i>Inorganic Chemistry Communication</i> , 2018, 92, 60-63.	1.8	6
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61	Tuning Connectivity and Flexibility of Two Zinc-Triazolate-Carboxylate Type Porous Coordination Polymers. <i>Crystal Growth and Design</i> , 2018, 18, 2694-2698.	1.4	16
62	A Flexible Fluorescent SCC-MOF for Switchable Molecule Identification and Temperature Display. <i>Chemistry of Materials</i> , 2018, 30, 2160-2167.	3.2	138
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64	Luminescent oxygen-sensing film based on β -diketone-modified Eu(III)-doped yttrium oxide nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 340-346.	4.0	13
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71	Metathesis in Metal-Organic Gels (MOGs): A Facile Strategy to Construct Robust Fluorescent Ln-MOG Sensors for Antibiotics and Explosives. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 186-193.	1.0	30
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78	Highly selective and sensitive detection of Hg^{2+} , Cr^{2+} , Cr^{7+} , and nitrobenzene/2,4-dinitrophenol in water via two fluorescent Cd-CPs. <i>New Journal of Chemistry</i> , 2018, 42, 19844-19852.	1.4	40
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80	Stable Indium-Pyridylcarboxylate Framework: Selective Gas Capture and Sensing of Fe^{3+} Ion in Water. <i>Inorganic Chemistry</i> , 2018, 57, 15262-15269.	1.9	53
81	Construction of Crystalline One-Dimensional Infinite Argentophilic Silver Alkynyl Assemblies and their Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 5068-5074.	1.0	2
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92	A hexadecanuclear silver alkynyl cluster based NbO framework with triple emissions from the visible to near-infrared II region. <i>Chemical Communications</i> , 2018, 54, 11905-11908.	2.2	35
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94	Metal-Organic Frameworks with Extended Viologen Units: Metal-Dependent Photochromism, Photomodulable Fluorescence, and Sensing Properties. <i>Crystal Growth and Design</i> , 2018, 18, 7191-7198.	1.4	69
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110	Two MOFs as dual-responsive photoluminescence sensors for metal and inorganic ion detection. <i>Dalton Transactions</i> , 2018, 47, 8257-8263.	1.6	41
111	Coordination Frameworks Containing Magnetic Single Chain of Imidazolecarboxylate-Bridged Cobalt(II)/Nickel(II): Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2018, 18, 3449-3457.	1.4	31
112	High-Throughput and Sensitive Fluorimetric Strategy for MicroRNAs in Blood Using Wetttable Microwells Array and Silver Nanoclusters with Red Fluorescence Enhanced by Metal Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23647-23656.	4.0	48
113	Charge- and Size-Complementary Multimetal-Induced Morphology and Phase Control in Zeolite-Type Metal Chalcogenides. <i>Chemistry - A European Journal</i> , 2018, 24, 10812-10819.	1.7	10
114	Pore Wall-Functionalized Luminescent Cd(II) Framework for Selective CO ₂ Adsorption, Highly Specific 2,4,6-Trinitrophenol Detection, and Colorimetric Sensing of Cu ²⁺ Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10295-10306.	3.2	102
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122	Photonic functional metal-organic frameworks. <i>Chemical Society Reviews</i> , 2018, 47, 5740-5785.	18.7	528
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