

# Ultrafast water sensing and thermal imaging by a metal switchable luminescence

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ambipolar chemical sensors based on the self-assembled film of an amphiphilic (phthalocyaninato) (porphyrinato) europium complex. <i>Inorganic Chemistry Communication</i> , 2017, 86, 1-5.	1.8	14
2	Aggregation-induced phosphorescence emission and pH recognition properties of an Iridium (III) complex. <i>Inorganic Chemistry Communication</i> , 2017, 86, 54-57.	1.8	1
3	Syntheses, structures and photoluminescence properties of two 2D Cd(II) coordination polymers based on a semirigid tridentate N-donor ligand. <i>Inorganic Chemistry Communication</i> , 2017, 86, 204-208.	1.8	4
4	Harnessing Surface-Functionalized Metal-Organic Frameworks for Selective Tumor Cell Capture. <i>Chemistry of Materials</i> , 2017, 29, 8052-8056.	3.2	38
5	Zinc Coordination Polymers Containing Isomeric Forms of <i>p</i> -(Thiazolyl)benzoic Acid: Blue-Emitting Materials with a Solvatochromic Response to Water. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4909-4918.	1.0	9
6	Detection of hydrogen sulfide by a novel quinolone-based <i>turn-on</i> chemosensor in aqueous solution. <i>Inorganic Chemistry Communication</i> , 2017, 84, 237-240.	1.8	1
7	Three Cadmium Coordination Polymers with Carboxylate and Pyridine Mixed Ligands: Luminescent Sensors for Fe <sup>III</sup> and Cr <sup>VI</sup> Ions in an Aqueous Medium. <i>Inorganic Chemistry</i> , 2017, 56, 11768-11778.	1.9	167
8	Design, structure and magnetic properties of a novel one-dimensional Mn(II) coordination polymer constructed from 4-pyridyl-NH-1,2,3-triazole. <i>Inorganic Chemistry Communication</i> , 2017, 84, 182-185.	1.8	7
9	Ratiometric Fluorescence Sensing and Real-Time Detection of Water in Organic Solvents with One-Pot Synthesis of Ru@MIL-101(Al)-NH <sub>2</sub> . <i>Analytical Chemistry</i> , 2017, 89, 13434-13440.	3.2	187
10	Cage-opening supramolecular isomerism in Cu(II) complexes. <i>Inorganic Chemistry Communication</i> , 2017, 86, 223-226.	1.8	4
11	A Two-Photon Luminescent Dye-Loaded Metal-Organic Framework for Physiological Temperature Sensing within Biological Windows. <i>ChemPlusChem</i> , 2017, 82, 1320-1325.	1.3	16
12	Efficient Capture and Effective Sensing of Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> from Water Using a Zirconium Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2017, 56, 14178-14188.	1.9	189
13	Solvent-induced single crystal to single crystal transformation and <i>turn-on</i> fluorescence based on a dynamic 3D metal-organic framework. <i>Inorganic Chemistry Communication</i> , 2017, 86, 249-252.	1.8	3
14	Hydrothermal Preparation of a Series of Luminescent Cadmium(II) and Zinc(II) Coordination Complexes and Enhanced Real-time Photo-luminescent Sensing for Benzaldehyde. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 357-366.	0.6	5
15	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
16	Solvent Relaxation Accompanied Ultrafast Excited State Proton Transfer Dynamics Revealed in a Salicylideneaniline Derivative. <i>ChemistrySelect</i> , 2018, 3, 3787-3796.	0.7	8
17	Luminescent metal-organic frameworks as chemical sensors: common pitfalls and proposed best practices. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1493-1511.	3.0	129
18	High-performance H <sub>2</sub> sensors with selectively hydrophobic micro-plate for self-aligned upload of Pd nanodots modified mesoporous In <sub>2</sub> O <sub>3</sub> sensing-material. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 83-92.	4.0	55

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19	A coumarin Schiff's base two-photon fluorescent probe for hypochlorite in living cells and zebrafish. RSC Advances, 2018, 8, 6904-6909.	1.7	27
20	Functionalization of Metal-Organic Frameworks for Photoactive Materials. Advanced Materials, 2018, 30, e1705634.	11.1	133
21	An amino-functionalized magnetic framework composite of type Fe <sub>3</sub> O <sub>4</sub> -NH <sub>2</sub> @MIL-101(Cr) for extraction of pyrethroids coupled with GC-ECD. Mikrochimica Acta, 2018, 185, 125.	2.5	33
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23	Two 3-hydroxyflavone derivatives as two-photon fluorescence turn-on chemosensors for cysteine and homocysteine in living cells. Talanta, 2018, 181, 118-124.	2.9	18
24	Chalcone based ion-pair recognition towards nitrates and the application for the colorimetric and fluorescence turn-on determination of water content in organic solvents. Sensors and Actuators B: Chemical, 2018, 260, 727-735.	4.0	32
25	The simultaneous detection and removal of organophosphorus pesticides by a novel Zr-MOF based smart adsorbent. Journal of Materials Chemistry A, 2018, 6, 2184-2192.	5.2	214
26	A copper based metal-organic framework: Synthesis, modification and VOCs adsorption. Inorganic Chemistry Communication, 2018, 92, 1-4.	1.8	26
27	[C <sub>6</sub> H <sub>14</sub> N]PbBr <sub>3</sub> : An ABX <sub>3</sub> -Type Semiconducting Perovskite Hybrid with Above-Room-Temperature Phase Transition. Chemistry - an Asian Journal, 2018, 13, 982-988.	1.7	20
28	The impact of metal ions on photoinduced electron-transfer properties: four photochromic metal-organic frameworks based on a naphthalenediimide chromophore. CrystEngComm, 2018, 20, 2430-2439.	1.3	33
29	A cationic metal-organic framework based on {Zn <sub>4</sub> } cluster for rapid and selective adsorption of dyes. Chinese Chemical Letters, 2018, 29, 857-860.	4.8	38
30	A highly porous polyhedron-based metal-organic framework exhibiting large C <sub>2</sub> H <sub>2</sub> storage capability. Inorganic Chemistry Communication, 2018, 87, 17-19.	1.8	4
31	Three zinc coordination polymers constructed from 5-(4-carboxybenzyloxy)isophthalic acid: Synthesis, structures, and luminescence sensing. Inorganic Chemistry Communication, 2018, 87, 12-16.	1.8	8
32	An imidazole based ESIPT molecule for fluorescent detection of explosives. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 377-381.	2.0	40
33	A four-state fluorescent molecular switch. Chemical Communications, 2018, 54, 12041-12044.	2.2	4
34	A highly emissive fluorescent Zn-MOF: molecular decoding strategies for solvents and trace detection of dunnite in water. Journal of Materials Chemistry A, 2018, 6, 21274-21279.	5.2	38
35	Highly Sensitive Luminescent Probe of Aniline and Trace Water in Organic Solvents Based on Covalently Modified Lanthanide Metal-Organic Frameworks. Industrial & Engineering Chemistry Research, 2018, 57, 16564-16571.	1.8	38
36	A new Cd based metal-organic framework for quick and convenient detection of trace water in isopropanol and 1,4-dioxane. Journal of Materials Chemistry C, 2018, 6, 12341-12346.	2.7	29

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37	Low Amplified Spontaneous Emission Threshold and Efficient Electroluminescence from a Carbazole Derivatized Excited-State Intramolecular Proton Transfer Dye. <i>ACS Photonics</i> , 2018, 5, 4447-4455.	3.2	47
38	Encapsulation of Phosphotungstic Acid into Metal-Organic Frameworks with Tunable Window Sizes: Screening of PTA@MOF Catalysts for Efficient Oxidative Desulfurization. <i>Inorganic Chemistry</i> , 2018, 57, 13009-13019.	1.9	100
39	Metal-containing crystalline luminescent thermochromic materials. <i>Coordination Chemistry Reviews</i> , 2018, 377, 307-329.	9.5	108
40	User-Tailored Metal-Organic Frameworks as Supports for Carbonic Anhydrase. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41326-41337.	4.0	49
41	Metal-Organic Frameworks for the Development of Biosensors: A Current Overview. <i>Biosensors</i> , 2018, 8, 92.	2.3	100
42	Solid-state preparation of mixed metal-oxides nanostructure from anionic metal-organic framework via cation exchange process. <i>Inorganic Chemistry Communication</i> , 2018, 97, 144-148.	1.8	12
43	Large-scale Synthesis of Flexible, Stable, and Transparent MoS <sub>2</sub> Quantum Dots-Polyvinyl Alcohol Sensing Film. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800189.	1.2	3
44	Synthesis, Crystal Structure and Theoretical Calculations of Two Zn (II) Coordination Polymers Based on 2,5-Dihydroxyterephthalic Acid. <i>Journal of Cluster Science</i> , 2018, 29, 1275-1283.	1.7	4
45	Utilizing an effective framework to dye energy transfer in a carbazole-based metal-organic framework for high performance white light emission tuning. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2868-2874.	3.0	38
46	Synthesis, Structure, and Properties of Coordination Polymers Based on 1,4-Bis((2-methyl-1H-imidazol-1-yl)methyl)benzene and Different Carboxylate Ligands. <i>Crystals</i> , 2018, 8, 288.	1.0	2
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48	Host-Guest Interaction Optimization through Cavity Functionalization for Ultra-Fast and Efficient Water Purification by a Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2018, 57, 11578-11587.	1.9	41
49	Anomalous thermally-activated NIR emission of ESIPT modulated Nd-complexes for optical fiber sensing devices. <i>Chemical Communications</i> , 2018, 54, 6304-6307.	2.2	24
50	Post-synthetic exchange (PSE) of UiO-67 frameworks with Ru/Rh half-sandwich units for visible-light-driven H <sub>2</sub> evolution and CO <sub>2</sub> reduction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11337-11345.	5.2	86
51	ESIPT-Modulated Emission of Lanthanide Complexes: Different Energy Transfer Pathways and Multiple Responses. <i>Chemistry - A European Journal</i> , 2018, 24, 10091-10098.	1.7	34
52	Ratiometric fluorescence detection of trace water in organic solvents based on aggregation-induced emission enhanced Cu nanoclusters. <i>Analyst</i> , 2018, 143, 3068-3074.	1.7	51
53	Molecular Conformation- and Packing-Controlled Excited State Intramolecular Proton Transfer Induced Solid-State Fluorescence and Reversible Mechanofluorochromism. <i>ChemistrySelect</i> , 2018, 3, 7340-7345.	0.7	14
54	Excitation-Wavelength-Dependent Emission and Delayed Fluorescence in a Proton Transfer System. <i>Chemistry - A European Journal</i> , 2018, 24, 12790-12795.	1.7	45

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56	Brønsted Basicity in Metal-Organic Framework-808 and Its Application in Base-Free Catalysis. <i>Inorganic Chemistry</i> , 2018, 57, 8033-8036.	1.9	42
57	Feasible organic films using noninterfering emitters for sensitive and spatial high-temperature sensing. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8115-8121.	2.7	16
58	Controllable synthesis and magnetic properties of two stable cobalt-organic frameworks based on 5-(4-carboxybenzyloxy)isophthalic acid. <i>Inorganic Chemistry Communication</i> , 2018, 95, 27-31.	1.8	3
59	1D helical silver(I)-based coordination polymer containing pyridyl diimide ligand for Fe(III) ions detection. <i>Inorganic Chemistry Communication</i> , 2018, 96, 30-33.	1.8	13
60	Amino-Modified Fe-Terephthalate Metal-Organic Framework as an Efficient Catalyst for the Selective Oxidation of H <sub>2</sub> S. <i>Inorganic Chemistry</i> , 2018, 57, 10081-10089.	1.9	106
61	Advances of metal-organic frameworks for gas sensing. <i>Polyhedron</i> , 2018, 154, 83-97.	1.0	95
62	Photonic functional metal-organic frameworks. <i>Chemical Society Reviews</i> , 2018, 47, 5740-5785.	18.7	528
63	Two new alkaline earth metal organic frameworks with the diamino derivative of biphenyl-4,4'-dicarboxylate as bridging ligand: Structures, fluorescence and quenching by gas phase aldehydes. <i>Polyhedron</i> , 2018, 153, 173-180.	1.0	8
64	Self-Quenched Metal-Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25203-25212.	4.0	63
65	Perspective: Interfacial materials at the interface of energy and water. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	106
66	A Biocompatible Zinc(II)-based Metal-Organic Framework for pH Responsive Drug Delivery and Anti-Lung Cancer Activity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 877-882.	0.6	9
67	MOF-808: A Metal-Organic Framework with Intrinsic Peroxidase-Like Catalytic Activity at Neutral pH for Colorimetric Biosensing. <i>Inorganic Chemistry</i> , 2018, 57, 9096-9104.	1.9	258
68	A Trichromatic and White-Light-Emitting MOF Composite for Multi-Dimensional and Multi-Response Ratiometric Luminescent Sensing. <i>Chemistry - A European Journal</i> , 2018, 24, 9555-9564.	1.7	33
69	Single-Phase White-Light-Emitting and Photoluminescent Color-Tuning Coordination Assemblies. <i>Chemical Reviews</i> , 2018, 118, 8889-8935.	23.0	444
70	A stable metal cluster-metalloporphyrin MOF with high capacity for cationic dye removal. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17698-17705.	5.2	102
71	Structural diversity and luminescent sensing of three coordination polymers based on the Structure, 2018, 1171, 54-61.	1.8	4
72	Tunable luminescence and white light emission of porphyrin-zinc coordination assemblies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 821-830.	0.4	2

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73	Phosphorescence emission and fine structures observed respectively under ambient conditions and at $\approx 55$ K in a coordination polymer of lead(II)-thiophenedicarboxylate. Dalton Transactions, 2018, 47, 9334-9340.	1.6	12
74	Multiresponsive UV-One-Photon Absorption, Near-Infrared-Two-Photon Absorption, and $X/\beta$ -Photoelectric Absorption Luminescence in One [Cu <sub>4</sub> ] <sub>4</sub> Compound. Inorganic Chemistry, 2019, 58, 10736-10742.	1.9	27
75	Ni <sub>1-x</sub> Co <sub>x</sub> O <sub>y</sub> , Ni <sub>1-x</sub> Co <sub>x</sub> S <sub>y</sub> and Ni <sub>1-x</sub> Co <sub>x</sub> P <sub>y</sub> Catalysts Prepared from Ni <sub>1-x</sub> Co <sub>x</sub> ZIF-67a for Hydrogen Production by Electrolysis in Alkaline Media. ChemCatChem, 2019, 11, 5131-5138.	1.8	8
76	Benzimidazole and benzothiazole fluorophores with large Stokes shift and intense sky-blue emission in aggregation as Al <sup>3+</sup> and Pb <sup>2+</sup> sensors. Journal of Luminescence, 2019, 215, 116688.	1.5	12
77	Core-shell upconversion nanoparticles of type NaGdF <sub>4</sub> :Yb,Er@NaGdF <sub>4</sub> :Nd,Yb and sensitized with a NIR dye are a viable probe for luminescence determination of the fraction of water in organic solvents. Mikrochimica Acta, 2019, 186, 630.	2.5	16
78	A Perylene Bisimide-Contained Molecular Dyad with High-Efficient Charge Separation: Switchability, Tunability, and Applicability in Moisture Detection. Advanced Functional Materials, 2019, 29, 1905295.	7.8	39
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80	A Collection of Recent Examples of Catalysis Using Carboxylate-Based Metal-Organic Frameworks. ACS Symposium Series, 2019, , 167-197.	0.5	1
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82	p-Terphenyl-2,2',5,5'-tetracarboxylate acid based bifunctional 1D Zinc(II) metal-organic platform for luminescent sensing and gas adsorption. Inorganic Chemistry Communication, 2019, 107, 107463.	1.8	5
83	A series of Cu(II) based di-hydrazide complexes obtained through solvent exchange: Their efficient dye degradation and magnetic study. Polyhedron, 2019, 171, 249-259.	1.0	2
84	Aggregation-induced red shift in N,S-doped chiral carbon dot emissions for moisture sensing. New Journal of Chemistry, 2019, 43, 13240-13248.	1.4	45
85	Pressure-Induced Multiphoton Excited Fluorochromic Metal-Organic Frameworks for Improving MPEF Properties. Angewandte Chemie, 2019, 131, 14517-14523.	1.6	12
86	Pressure-Induced Multiphoton Excited Fluorochromic Metal-Organic Frameworks for Improving MPEF Properties. Angewandte Chemie - International Edition, 2019, 58, 14379-14385.	7.2	53
87	Metal-Organic Frameworks for Food Safety. Chemical Reviews, 2019, 119, 10638-10690.	23.0	366
88	Modulating Excitation Energy of Luminescent Metal-Organic Frameworks for Detection of Cr(VI) in Water. ACS Applied Nano Materials, 2019, 2, 4646-4654.	2.4	68
89	Persistent luminescent metal-organic frameworks with long-lasting near infrared emission for tumor site activated imaging and drug delivery. Biomaterials, 2019, 217, 119332.	5.7	85
90	Concurrent Modulation of Competitive Mechanisms to Design Stimuli-Responsive Ln-MOFs: A Light-Operated Dual-Mode Assay for Oxidative DNA Damage. Advanced Functional Materials, 2019, 29, 1903058.	7.8	42

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91	Polarity-Induced Excited-State Intramolecular Proton Transfer (ESIPT) in a Pair of Supramolecular Isomeric Multifunctional Dynamic Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2019, 25, 12196-12205.	1.7	30
92	Synthesis, structure and dual-stimulus-responsive luminescence switching of a new platinum(II) complex based on 3-trimethylsilylethynyl-1,10-phenanthroline. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 155-160.	0.8	1
93	Biomimetic mineralization of nanoscale lanthanide metal-organic frameworks with thermo-sensitive polymer as organic ligands for solvent recognition and water detection. <i>Journal of Solid State Chemistry</i> , 2019, 277, 594-601.	1.4	11
94	Review of advanced sensor devices employing nanoarchitectonics concepts. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2014-2030.	1.5	37
95	Self-Generation of Surface Roughness by Low-Surface-Energy Alkyl Chains for Highly Stable Superhydrophobic/Superoleophilic MOFs with Multiple Functionalities. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17033-17040.	7.2	71
96	Self-Generation of Surface Roughness by Low-Surface-Energy Alkyl Chains for Highly Stable Superhydrophobic/Superoleophilic MOFs with Multiple Functionalities. <i>Angewandte Chemie</i> , 2019, 131, 17189-17196.	1.6	21
97	Cation-induced chirality in a bifunctional metal-organic framework for quantitative enantioselective recognition. <i>Nature Communications</i> , 2019, 10, 5117.	5.8	150
98	Sterically Controlled Excited-State Intramolecular Proton Transfer Dynamics in Solution. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29116-29125.	1.5	5
99	Metal-organic frameworks as an emerging tool for sensing various targets in aqueous and biological media. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115654.	5.8	47
100	A simple colorimetric sensor for the detection of moisture in organic solvents and building materials: applications in rewritable paper and fingerprint imaging. <i>Analyst, The</i> , 2019, 144, 594-601.	1.7	58
101	A pH-sensitive excited state intramolecular proton transfer fluorescent probe for imaging mitochondria and <i>Helicobacter pylori</i> . <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 148-153.	4.0	30
102	Reversible Specific Vapoluminescence Behavior in Pure Organic Crystals through Hydrogen-Bonding Docking Strategy. <i>Advanced Optical Materials</i> , 2019, 7, 1801549.	3.6	37
103	Mechanochromism induced through the interplay between excimer reaction and excited state intramolecular proton transfer. <i>Communications Chemistry</i> , 2019, 2, .	2.0	28
104	Anion-directed structures and luminescences of two Cu(I) coordination polymers based on bipyrazole. <i>Inorganic Chemistry Communication</i> , 2019, 101, 121-124.	1.8	6
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108	Temperature-Induced Single-Crystal-to-Single-Crystal Transformations with Consequential Changes in the Magnetic Properties of Fe(III) Complexes. <i>ACS Omega</i> , 2019, 4, 8731-8738.	1.6	3



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109	Rational Construction of Breathing Metal-Organic Frameworks through Synergy of a Stretchy Ligand and Highly Variable $\pi$ - $\pi$ Interaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 20995-21003.	4.0	13
110	Interacting Metal-Insulator-Metal Resonator by Nanoporous Silver and Silk Protein Nanomembranes and Its Water-Sensing Application. <i>ACS Omega</i> , 2019, 4, 9010-9016.	1.6	17
111	Sensitive detection of glyphosate based on a Cu-BTC MOF/g-C <sub>3</sub> N <sub>4</sub> nanosheet photoelectrochemical sensor. <i>Electrochimica Acta</i> , 2019, 317, 341-347.	2.6	93
112	Fluorescent Zr(IV) Metal-Organic Frameworks Based on an Excited-State Intramolecular Proton Transfer-Type Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 6918-6926.	1.9	13
113	Ratiometric fluorescence detection of trace water in an organic solvent based on bimetallic lanthanide metal-organic frameworks. <i>Chemical Communications</i> , 2019, 55, 6926-6929.	2.2	63
114	Preparation of Composite Filters Based on Porous Coordination Polymers by Using a Vacuum Filtration Method for Highly Efficient Removal of Particulate Matters. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2291-2301.	1.7	9
115	Chirality and Excited State Proton Transfer: From Sensing to Asymmetric Synthesis. <i>ChemPhotoChem</i> , 2019, 3, 580.	1.5	9
116	Real-time colorimetric water content monitoring of organic solvents by an azo dye incorporated into AlPO <sub>4</sub> -5 nanochannel. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7336-7343.	2.7	22
117	A Pyrene-Functionalized Metal-Organic Framework for Nonenzymatic and Ratiometric Detection of Uric Acid in Biological Fluid via Conformational Change. <i>Inorganic Chemistry</i> , 2019, 58, 5654-5663.	1.9	42
118	Structural Engineering of Low-Dimensional Metal-Organic Frameworks: Synthesis, Properties, and Applications. <i>Advanced Science</i> , 2019, 6, 1802373.	5.6	214
119	Stable Lanthanide-Organic Framework as a Luminescent Probe To Detect Both Histidine and Aspartic Acid in Water. <i>Inorganic Chemistry</i> , 2019, 58, 6356-6362.	1.9	80
120	Tuning the Solid-State White Light Emission of Postsynthetic Lanthanide-Encapsulated Double-Layer MOFs for Three-Color Luminescent Thermometry Applications. <i>Inorganic Chemistry</i> , 2019, 58, 4524-4533.	1.9	92
121	Highly Selective and Sensitive Turn-Off-On Fluorescent Probes for Sensing Al <sup>3+</sup> Ions Designed by Regulating the Excited-State Intramolecular Proton Transfer Process in Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11338-11348.	4.0	163
122	Ratiometric and Turn-On Luminescence Detection of Water in Organic Solvents Using a Responsive Europium-Organic Framework. <i>Analytical Chemistry</i> , 2019, 91, 4845-4851.	3.2	93
123	A multifunctional Zn(II)-based four-fold interpenetrated metal-organic framework for highly sensitive sensing 2,4,6-trinitrophenol (TNP), nitrofurazone (NFZ) and nitrofurantoin (NFT). <i>Inorganic Chemistry Communication</i> , 2019, 103, 21-24.	1.8	15
124	Humidity- and Temperature-Tunable Multicolor Luminescence of Cucurbit[8]uril-Based Supramolecular Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 14399-14407.	4.0	55
125	A ratiometric fluorescent thermometer based on amphiphilic alkynylpyrene derivatives. <i>New Journal of Chemistry</i> , 2019, 43, 6461-6464.	1.4	21
126	Low-Lying Excited States of hqxCH and Zn <sup>II</sup> -hqxc Complex: Toward Understanding Intramolecular Proton Transfer Emission. <i>Inorganic Chemistry</i> , 2019, 58, 4686-4698.	1.9	10



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127	A Reusable MOF-Supported Single-Site Zinc(II) Catalyst for Efficient Intramolecular Hydroamination of Alkynylanilines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7687-7691.	7.2	78
128	A Reusable MOF-Supported Single-Site Zinc(II) Catalyst for Efficient Intramolecular Hydroamination of o-Alkynylanilines. <i>Angewandte Chemie</i> , 2019, 131, 7769-7773.	1.6	11
129	A Water Stable Cd <sup>II</sup> -based Metal-Organic Framework as a Multifunctional Sensor for Selective Detection of Cu <sup>2+</sup> and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> Ions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 484-489.	0.6	10
130	General Strategy for in Situ Generation of a Coumarin-Cu <sup>2+</sup> Complex for Fluorescent Water Sensing. <i>Analytical Chemistry</i> , 2019, 91, 5817-5823.	3.2	55
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