Guodong Qian

List of Publications by Year in descending order

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272	32,691	8732 75	4101 175
papers	citations	h-index	g-index

277	277	277	20225
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lanthanide doped fluorosilicate glass-ceramics: A review on experimental and theoretical progresses. Journal of Rare Earths, 2022, 40, 169-192.	2.5	22
2	Scalable Synthesis of NiFeâ€LDH/Ni₉S₈/NF Nanosheets by Twoâ€Step Corrosion for Efficient Oxygen Electrocatalysis. ChemCatChem, 2022, 14, .	1.8	10
3	Fluorescenceâ€“Phosphorescence Manipulation and Atom Probe Observation of Fully Inorganic Silver Quantum Clusters: Imitating from and Behaving beyond Organic Hosts. Advanced Optical Materials, 2022, 10, 2101632.	3.6	7
4	Boosting Hydrogen Evolution through the Interface Effects of Amorphous NiMoO₄â€“MoO₂ and Crystalline Cu. ACS Omega, 2022, 7, 2244-2251.	1.6	5
5	Immobilization of Lewis Basic Sites into a Stable Ethane-Selective MOF Enabling One-Step Separation of Ethylene from a Ternary Mixture. Journal of the American Chemical Society, 2022, 144, 2614-2623.	6.6	127
6	Robust and Radiation-Resistant Hofmann-Type Metalâ€“Organic Frameworks for Record Xenon/Krypton Separation. Journal of the American Chemical Society, 2022, 144, 3200-3209.	6.6	71
7	Immobilization of Lewis Basic Nitrogen Sites into a Chemically Stable Metalâ€“Organic Framework for Benchmark Waterâ€Sorptionâ€Driven Heat Allocations. Advanced Science, 2022, 9, e2105556.	5.6	17
8	An adenosine triphosphate-responsive metalâ€“organic framework decorated with palladium nanosheets for synergistic tri-modal therapy. CrystEngComm, 2022, 24, 2558-2566.	1.3	3
9	Stable and wide-wavelength tunable luminescence of CsPbX₃ nanocrystals encapsulated in metalâ€“organic frameworks. Journal of Materials Chemistry C, 2022, 10, 5550-5558.	2.7	21
10	Cationic Metalâ€“Organic Framework-Based Mixed-Matrix Membranes for Fast Sensing and Removal of Cr2O72â^' Within Water. Frontiers in Chemistry, 2022, 10, 852402.	1.8	5
11	O,N-Codoped CeF₃ Upconversion Nanoparticles for Efficient Photocatalytic Oxygen Evolution under Visible Light. ACS Applied Nano Materials, 2022, 5, 5096-5102.	2.4	3
12	Polarized Laser Switching with Giant Contrast in MOFâ€Based Mixedâ€Matrix Membrane. Advanced Science, 2022, 9, e2200953.	5.6	12
13	Enhanced luminescence in multivariate metalâ€“organic frameworks through an isolated-ligand strategy. Journal of Materials Chemistry C, 2022, 10, 10473-10479.	2.7	7
14	Luminescent Metalâ€“Organic Frameworks for White LEDs. Advanced Optical Materials, 2021, 9, 2001817.	3.6	71
15	Nonlinear optical metal-organic frameworks for ratiometric temperature sensing in physiological range. Chinese Chemical Letters, 2021, 32, 1511-1514.	4.8	24
16	Designed construction of hierarchical CoOOH@Coâ€“FeOOH double-shelled arrays as superior water oxidation electrocatalyst. Journal of Solid State Chemistry, 2021, 294, 121867.	1.4	17
17	Boosting hydrogen generation by anodic oxidation of iodide over Niâ€“Co(OH)₂ nanosheet arrays. Nanoscale Advances, 2021, 3, 604-610.	2.2	22
18	Tunable nonlinear optical responses based on host-guest MOF hybrid materials. Science China Materials, 2021, 64, 698-705.	3.5	23

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19	Structural Variation and Switchable Nonlinear Optical Behavior of Metalâ€“Organic Frameworks. Small, 2021, 17, e2006649.	5.2	30
20	A novel anion-pillared metalâ€“organic framework for highly efficient separation of acetylene from ethylene and carbon dioxide. Journal of Materials Chemistry A, 2021, 9, 9248-9255.	5.2	55
21	Efficient CO₂/CO separation in a stable microporous hydrogen-bonded organic framework. Chemical Communications, 2021, 57, 10051-10054.	2.2	20
22	An MOFâ€Based Luminescent Sensor Array for Pattern Recognition and Quantification of Metal Ions. Advanced Optical Materials, 2021, 9, 2002180.	3.6	48
23	A Rodâ€Packing Hydrogenâ€Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. Angewandte Chemie - International Edition, 2021, 60, 10304-10310.	7.2	104
24	A Novel Hydrogen-Bonded Organic Framework with Highly Permanent Porosity for Boosting Ethane/Ethylene Separation. , 2021, 3, 497-503.		46
25	A Rodâ€Packing Hydrogenâ€Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. Angewandte Chemie, 2021, 133, 10392-10398.	1.6	29
26	Chemically Stable Hafnium-Based Metalâ€“Organic Framework for Highly Efficient C₂H₆/C₂H₄ Separation under Humid Conditions. ACS Applied Materials & Interfaces, 2021, 13, 18792-18799.	4.0	34
27	Benchmark C₂H₂/CO₂Separation in an Ultraâ€Microporous Metalâ€“Organic Framework via Copper(I)â€Alkynyl Chemistry. Angewandte Chemie, 2021, 133, 16131-16138.	1.6	43
28	Cu²⁺-Guided Construction of the Amorphous CoMoO₃/Cu Nanocomposite for Highly Efficient Water Electrolysis. ACS Applied Energy Materials, 2021, 4, 6740-6748.	2.5	8
29	Benchmark C₂H₂/CO₂Separation in an Ultraâ€Microporous Metalâ€“Organic Framework via Copper(I)â€Alkynyl Chemistry. Angewandte Chemie - International Edition, 2021, 60, 15995-16002.	7.2	148
30	Dyes Encapsulated Nanoscale Metalâ€“Organic Frameworks for Multimode Temperature Sensing with High Spatial Resolution. , 2021, 3, 1426-1432.		36
31	Dense Packing of Acetylene in a Stable and Lowâ€Cost Metalâ€“Organic Framework for Efficient C₂H₂/CO₂Separation. Angewandte Chemie - International Edition, 2021, 60, 25068-25074.	7.2	116
32	Highly Efficient Encapsulation of Doxorubicin Hydrochloride in Metalâ€“Organic Frameworks for Synergistic Chemotherapy and Chemodynamic Therapy. ACS Biomaterials Science and Engineering, 2021, 7, 4999-5006.	2.6	21
33	Sacrificial Reagent Free Photocatalytic Oxygen Evolution over CeF₃/Î±â€FeOOH Nanohybrid. Advanced Materials Interfaces, 2021, 8, 2101161.	1.9	3
34	Engineering Different Reaction Centers on Hierarchical Ni/NiFe Layered Double Hydroxide Accelerating Overall Water Splitting. ACS Applied Energy Materials, 2021, 4, 9858-9865.	2.5	9
35	Electrochemical detection of trace heavy metal ions using a Ln-MOF modified glass carbon electrode. Journal of Solid State Chemistry, 2020, 281, 121032.	1.4	64
36	Engineering microporous ethane-trapping metalâ€“organic frameworks for boosting ethane/ethylene separation. Journal of Materials Chemistry A, 2020, 8, 3613-3620.	5.2	120

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37	Selective Ethane/Ethylene Separation in a Robust Microporous Hydrogen-Bonded Organic Framework. Journal of the American Chemical Society, 2020, 142, 633-640.	6.6	183
38	Switchable Twoâ€Photon Pumped Polarized Lasing Performance in Compositionâ€Graded MOFs Based Heterostructures. Advanced Optical Materials, 2020, 8, 2001089.	3.6	15
39	Lanthanide metalâ€“organic frameworks with nitrogen functional sites for the highly selective and sensitive detection of NADPH. Chemical Communications, 2020, 56, 10851-10854.	2.2	21
40	Polyurethane-coated luminescent dye@MOF composites for highly-stable white LEDs. Journal of Materials Chemistry C, 2020, 8, 12308-12313.	2.7	28
41	Controllable broadband multicolour single-mode polarized laser in a dye-assembled homoepitaxial MOF microcrystal. Light: Science and Applications, 2020, 9, 138.	7.7	30
42	Temperature dependent molecular fluorescence of [Agm]n+ quantum clusters stabilized by phosphate glass networks. Physical Chemistry Chemical Physics, 2020, 22, 21307-21316.	1.3	7
43	Energy Transfer in Metalâ€“Organic Frameworks and Its Applications. Small Structures, 2020, 1, 2000019.	6.9	26
44	Hyper oxygen incorporation in CeF₃: a new intermediate-band photocatalyst for antibiotic degradation under visible/NIR light. RSC Advances, 2020, 10, 38798-38804.	1.7	8
45	A Chemically Stable Hofmannâ€Type Metalâ^'Organic Framework with Sandwichâ€Like Binding Sites for Benchmark Acetylene Capture. Advanced Materials, 2020, 32, e1908275.	11.1	236
46	Ca²⁺/Sr²⁺/Ba²⁺ dependent phase separation, nanocrystallization and photoluminescence in fluoroaluminosilicate glass. Journal of the American Ceramic Society, 2020, 103, 5796-5807.	1.9	14
47	A fluorometric metal-organic framework oxygen sensor: from sensitive powder to portable optical fiber device. Microporous and Mesoporous Materials, 2020, 305, 110396.	2.2	24
48	A metal-organic frameworks@ carbon nanotubes based electrochemical sensor for highly sensitive and selective determination of ascorbic acid. Journal of Molecular Structure, 2020, 1209, 127986.	1.8	38
49	Controlled dye release from a metalâ€“organic framework: a new luminescent sensor for water. RSC Advances, 2020, 10, 2722-2726.	1.7	8
50	Nano Anatase TiO₂ Quasi-Coreâ€“Shell Homophase Junction Induced by a Ti³⁺ Concentration Difference for Highly Efficient Hydrogen Evolution. Inorganic Chemistry, 2020, 59, 3330-3339.	1.9	5
51	Visibleâ€NIR Photodetectors Based on Lowâ€Dimensional GeSe Microâ€Crystals: Designed Morphology and Improved Photoresponsivity. ChemPhysChem, 2020, 21, 397-405.	1.0	7
52	Morphology regulation of metalâ€“organic framework-derived nanostructures for efficient oxygen evolution electrocatalysis. Journal of Materials Chemistry A, 2020, 8, 18215-18219.	5.2	168
53	Broadband Extrinsic Selfâ€Trapped Exciton Emission in Snâ€Doped 2D Leadâ€Halide Perovskites. Advanced Materials, 2019, 31, e1806385.	11.1	198
54	Multiâ€phase glassâ€ceramics containing CaF₂: Er³⁺ and ZnAl₂O₄:Cr³⁺ nanocrystals for optical temperature sensing. Journal of the American Ceramic Society, 2019, 102, 2472-2481.	1.9	24

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55	Photo-induced electron transfer in a metalâ€“organic framework: a new approach towards a highly sensitive luminescent probe for Fe³⁺. Chemical Communications, 2019, 55, 11231-11234.	2.2	55
56	Post-modified metal-organic framework as a turn-on fluorescent probe for potential diagnosis of neurological diseases. Microporous and Mesoporous Materials, 2019, 288, 109610.	2.2	27
57	A structure model for phase separated fluoroaluminosilicate glass system by molecular dynamic simulations. Journal of the European Ceramic Society, 2019, 39, 5018-5029.	2.8	28
58	Single Crystal Perovskite Microplate for Highâ€Order Multiphoton Excitation. Small Methods, 2019, 3, 1900396.	4.6	17
59	Metal-organic framework film for fluorescence turn-on H2S gas sensing and anti-counterfeiting patterns. Science China Materials, 2019, 62, 1445-1453.	3.5	31
60	Structural Origins of BaF 2 /Ba 1 â^' x R x F 2 + x /RF 3 Nanocrystals Formation from Phase Separated Fluoroaluminosilicate Glass: A Molecular Dynamic Simulation Study. Advanced Theory and Simulations, 2019, 2, 1900062.	1.3	5
61	Enhancing Oxygen Evolution Reaction through Modulating Electronic Structure of Trimetallic Electrocatalysts Derived from Metalâ€“Organic Frameworks. Small, 2019, 15, e1901940.	5.2	163
62	Current Status of Microporous Metalâ€“Organic Frameworks for Hydrocarbon Separations. Topics in Current Chemistry, 2019, 377, 33.	3.0	31
63	Tailoring the pore geometry and chemistry in microporous metalâ€“organic frameworks for high methane storage working capacity. Chemical Communications, 2019, 55, 11402-11405.	2.2	13
64	A luminescent metalâ€“organic framework integrated hydrogel optical fibre as a photoluminescence sensing platform for fluorescence detection. Journal of Materials Chemistry C, 2019, 7, 897-904.	2.7	45
65	A luminescent terbium metal-organic framework for highly sensitive and selective detection of uric acid in aqueous media. Journal of Solid State Chemistry, 2019, 272, 55-61.	1.4	21
66	Isostructural Tb³⁺/Eu³⁺ Co-Doped Metalâ€“Organic Framework Based on Pyridine-Containing Dicarboxylate Ligands for Ratiometric Luminescence Temperature Sensing. Inorganic Chemistry, 2019, 58, 2637-2644.	1.9	111
67	A fluorinated Zr-based MOF of high porosity for high CH4 storage. Journal of Solid State Chemistry, 2019, 277, 139-142.	1.4	27
68	A new metal-organic framework with suitable pore size and ttd-type topology revealing highly selective adsorption and separation of organic dyes. Journal of Solid State Chemistry, 2019, 277, 159-162.	1.4	22
69	Dual-band simultaneous lasing in MOFs single crystals with Fabry-Perot microcavities. Science China Chemistry, 2019, 62, 987-993.	4.2	13
70	An inner light integrated metal-organic framework photodynamic therapy system for effective elimination of deep-seated tumor cells. Journal of Solid State Chemistry, 2019, 276, 205-209.	1.4	15
71	A water-stable fcu-MOF material with exposed amino groups for the multi-functional separation of small molecules. Science China Materials, 2019, 62, 1315-1322.	3.5	41
72	Multivariable Sieving and Hierarchical Recognition for Organic Toxics in Nonhomogeneous Channel of MOFs. CheM, 2019, 5, 1337-1350.	5.8	59

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73	Stabilization of Fluorescent [Ag_m]ⁿ⁺ Quantum Clusters in Multiphase Inorganic Glass-Ceramics for White LEDs. ACS Applied Nano Materials, 2019, 2, 2854-2863.	2.4	24
74	MOFâ€Based Organic Microlasers. Advanced Optical Materials, 2019, 7, 1900077.	3.6	38
75	Structural Origins of RF₃/NaRF₄ Nanocrystal Precipitation from Phase-Separated SiO₂â€“Al₂O₃â€“RF₃â€“NaF Glasses: A Molecular Dynamics Simulation Study. Journal of Physical Chemistry B, 2019, 123, 3024-3032.	1.2	22
76	Near-infrared-emissive metalâ€“organic frameworks. Dalton Transactions, 2019, 48, 6669-6675.	1.6	24
77	A manganese-based metal-organic framework electrochemical sensor for highly sensitive cadmium ions detection. Journal of Solid State Chemistry, 2019, 275, 38-42.	1.4	38
78	Phase and morphology evolution of luminescent NaLnF₄ (Ln = La to Yb) micro-crystals: understanding the ionic radii and surface energy-dependent solution growth mechanism. CrystEngComm, 2019, 21, 6652-6658.	1.3	10
79	A zirconium-based metal-organic framework with encapsulated anionic drug for uncommonly controlled oral drug delivery. Microporous and Mesoporous Materials, 2019, 275, 229-234.	2.2	47
80	Micron-Scale Photodetectors Based on One-Dimensional Single-Crystalline Sb2â€“xSnxSe3 Microrods: Simultaneously Improving Responsivity and Extending Spectral Response Region. Journal of Physical Chemistry C, 2019, 123, 810-816.	1.5	14
81	A turn-on MOF-based luminescent sensor for highly selective detection of glutathione. Journal of Solid State Chemistry, 2019, 270, 317-323.	1.4	41
82	Nanoscale fluorescent metalâ€“organic framework composites as a logic platform for potential diagnosis of asthma. Biosensors and Bioelectronics, 2019, 130, 65-72.	5.3	60
83	Confinement of Perovskiteâ€QDs within a Single MOF Crystal for Significantly Enhanced Multiphoton Excited Luminescence. Advanced Materials, 2019, 31, e1806897.	11.1	124
84	Low-Cost and High-Performance Microporous Metalâ€Organic Framework for Separation of Acetylene from Carbon Dioxide. ACS Sustainable Chemistry and Engineering, 2019, 7, 1667-1672.	3.2	47
85	A Metalâ€Organic Framework with Optimized Porosity and Functional Sites for High Gravimetric and Volumetric Methane Storage Working Capacities. Advanced Materials, 2018, 30, e1704792.	11.1	109
86	Efficient separation of C₂H₂from C₂H₂/CO₂mixtures in an acidâ€“base resistant metalâ€“organic framework. Chemical Communications, 2018, 54, 4846-4849.	2.2	62
87	Ratiometric luminescence sensing based on a mixed Ce/Eu metalâ€“organic framework. Journal of Materials Chemistry C, 2018, 6, 2054-2059.	2.7	54
88	In situ secondary growth of Eu(III)-organic framework film for fluorescence sensing of sulfur dioxide. Sensors and Actuators B: Chemical, 2018, 260, 63-69.	4.0	44
89	A Biocompatible Ti-based metal-organic framework for pH responsive drug delivery. Materials Letters, 2018, 225, 142-144.	1.3	22
90	Dye confined in metal-organic framework for two-photon fluorescent temperature sensing. Microporous and Mesoporous Materials, 2018, 268, 202-206.	2.2	20

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91	Highly stable Y(<scp>iii</scp>)-based metal organic framework with two molecular building block for selective adsorption of C₂H₂ and CO₂ over CH₄. Inorganic Chemistry Frontiers, 2018, 5, 1193-1198.	3.0	51
92	A stable lanthanide-functionalized nanoscale metal-organic framework as a fluorescent probe for pH. Sensors and Actuators B: Chemical, 2018, 254, 1069-1077.	4.0	67
93	Porous metalâ€“organic frameworks for fuel storage. Coordination Chemistry Reviews, 2018, 373, 167-198.	9.5	211
94	A Eu/Gd-mixed metal-organic framework for ultrasensitive physiological temperature sensing. Chinese Chemical Letters, 2018, 29, 861-864.	4.8	20
95	A highly sensitive luminescent metalâ€“organic framework thermometer for physiological temperature sensing. Journal of Rare Earths, 2018, 36, 561-566.	2.5	27
96	A Twoâ€Dimensional Metalâ€“Organic Framework as a Fluorescent Probe for Ascorbic Acid Sensing. European Journal of Inorganic Chemistry, 2018, 2018, 173-177.	1.0	28
97	A biocompatible metalâ€“organic framework as a pH and temperature dual-responsive drug carrier. Dalton Transactions, 2018, 47, 15882-15887.	1.6	45
98	Synthesis, structure and temperature sensing of a lanthanide-organic framework constructed from a pyridine-containing tetracarboxylic acid ligand. CrystEngComm, 2018, 20, 7395-7400.	1.3	25
99	Stabilization of divalent Eu²⁺ in fluorosilicate glass-ceramics via lattice site substitution. RSC Advances, 2018, 8, 34536-34542.	1.7	10
100	Reticular Chemistry of Multifunctional Metalâ€Organic Framework Materials. Israel Journal of Chemistry, 2018, 58, 949-961.	1.0	24
101	Cryogenic Luminescent Tb/Eu-MOF Thermometer Based on a Fluorine-Modified Tetracarboxylate Ligand. Inorganic Chemistry, 2018, 57, 12596-12602.	1.9	80
102	Efficient Energy Transfer within Dyes Encapsulated Metalâ€“Organic Frameworks to Achieve High Performance White Lightâ€Emitting Diodes. Advanced Optical Materials, 2018, 6, 1800968.	3.6	62
103	Chemical Sensing: Flexible Metalâ€“Organic Frameworkâ€Based Mixedâ€Matrix Membranes: A New Platform for H₂S Sensors (Small 37/2018). Small, 2018, 14, 1870168.	5.2	15
104	Microporous metalâ€“organic framework with open Cu2+ functional sites and optimized pore size for C2H2 storage and CH4 purification. Polyhedron, 2018, 155, 332-336.	1.0	7
105	Phase separation strategy to facilely form fluorescent [Ag₂]²⁺/[Ag_m]ⁿ⁺ quantum clusters in boro-alumino-silicate multiphase glasses. Physical Chemistry Chemical Physics, 2018, 20, 23942-23947.	1.3	22
106	Flexible Metalâ€“Organic Frameworkâ€Based Mixedâ€Matrix Membranes: A New Platform for H₂S Sensors. Small, 2018, 14, e1801563.	5.2	88
107	Photonic functional metalâ€“organic frameworks. Chemical Society Reviews, 2018, 47, 5740-5785.	18.7	528
108	A Zn based anionic metal-organic framework for trace Hg2+ ion detection. Journal of Solid State Chemistry, 2018, 266, 70-73.	1.4	21

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109	A luminescent turn-up metalâ€“organic framework sensor for tryptophan based on singletâ€“singlet FÃ¶rster energy transfer. Journal of Materials Chemistry B, 2018, 6, 5174-5180.	2.9	61
110	Solventâ€Triggered Reversible Phase Changes in Two Manganeseâ€Based Metalâ€“Organic Frameworks and Associated Sensing Events. Chemistry - A European Journal, 2018, 24, 13231-13237.	1.7	15
111	Rational Designed Metal-Organic Frameworks for Storage and Separation of Hydrogen and Methane. Current Organic Chemistry, 2018, 22, 1792-1808.	0.9	5
112	Ratiometric dual-emitting MOFâŠƒdye thermometers with a tunable operating range and sensitivity. Journal of Materials Chemistry C, 2017, 5, 1607-1613.	2.7	96
113	Disorder modification and photocatalytic activity enhancement of TiO2 nanocrystals through ultrasonic hydroxylation. Journal of Alloys and Compounds, 2017, 703, 96-102.	2.8	11
114	Periodically Aligned Dye Molecules Integrated in a Single MOF Microcrystal Exhibit Singleâ€Mode Linearly Polarized Lasing. Advanced Optical Materials, 2017, 5, 1601040.	3.6	27
115	Microporous Metalâ€“Organic Framework with Exposed Amino Functional Group for High Acetylene Storage and Excellent C₂H₂/CO₂ and C₂H₂/CH₄ Separations. Crystal Growth and Design, 2017, 17, 2319-2322.	1.4	54
116	A porous Zn-based metal-organic framework for pH and temperature dual-responsive controlled drug release. Microporous and Mesoporous Materials, 2017, 249, 55-60.	2.2	44
117	An amino-coordination metalâ€“organic framework for highly selective C₂H₂/CH₄ and C₂H₂/C₂H₄ separations through the appropriate control of window sizes. RSC Advances, 2017, 7, 20795-20800.	1.7	20
118	A luminescent ratiometric pH sensor based on a nanoscale and biocompatible Eu/Tb-mixed MOF. Dalton Transactions, 2017, 46, 7549-7555.	1.6	68
119	A luminescent ratiometric thermometer based on thermally coupled levels of a Dy-MOF. Journal of Materials Chemistry C, 2017, 5, 5044-5047.	2.7	78
120	A series of multifunctional coordination polymers based on terpyridine and zinc halide: second-harmonic generation and two-photon absorption properties and intracellular imaging. Journal of Materials Chemistry B, 2017, 5, 5458-5463.	2.9	31
121	A New Microporous Metalâ€Organic Framework for Highly Selective <scp>C₂H₂</scp>/<scp>CH₄</scp> and <scp>C₂H₂</scp>/<scp>CO₂</scp> Separation at Room Temperature. Chinese Journal of Chemistry, 2017, 35, 1289-1293.	2.6	5
122	Highly sensitive and selective detection of mercury (II) based on a zirconium metal-organic framework in aqueous media. Journal of Solid State Chemistry, 2017, 253, 277-281.	1.4	57
123	A novel NbO-type metal-organic framework for highly separation of methane from C2-hydrocarbon at room temperature. Materials Letters, 2017, 196, 112-114.	1.3	15
124	Ultrasonic-induced disorder engineering on ZnO, ZrO₂, Fe₂O₃ and SnO₂ nanocrystals. RSC Advances, 2017, 7, 18785-18792.	1.7	18
125	A novel methoxy-decorated metalâ€“organic framework exhibiting high acetylene and carbon dioxide storage capacities. CrystEngComm, 2017, 19, 1464-1469.	1.3	36
126	Highly Stable Mixedâ€Lanthanide Metalâ€“Organic Frameworks for Selfâ€Referencing and Colorimetric Luminescent pH Sensing. ChemNanoMat, 2017, 3, 51-57.	1.5	50

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127	A Eu/Tb-mixed MOF for luminescent high-temperature sensing. Journal of Solid State Chemistry, 2017, 246, 341-345.	1.4	89
128	A luminescent cerium metalâ€“organic framework for the turn-on sensing of ascorbic acid. Chemical Communications, 2017, 53, 11221-11224.	2.2	111
129	Thermal Stimuliâ€Triggered Drug Release from a Biocompatible Porous Metalâ€“Organic Framework. Chemistry - A European Journal, 2017, 23, 10215-10221.	1.7	62
130	A novel Zn-based heterocycle metal-organic framework for high C2H2/C2H4, CO2/CH4 and CO2/N2 separations. Journal of Solid State Chemistry, 2017, 255, 102-107.	1.4	17
131	A turn-on fluorescent probe for Cd²⁺ detection in aqueous environments based on an imine functionalized nanoscale metalâ€“organic framework. RSC Advances, 2017, 7, 54892-54897.	1.7	38
132	An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. Advanced Materials, 2017, 29, 1704210.	11.1	310
133	A Twoâ€Photon Luminescent Dyeâ€Loaded Metalâ€“Organic Framework for Physiological Temperature Sensing within Biological Windows. ChemPlusChem, 2017, 82, 1320-1325.	1.3	16
134	Highly selective luminescent sensing of picric acid based on a water-stable europium metal-organic framework. Journal of Solid State Chemistry, 2017, 245, 127-131.	1.4	28
135	Ultrasonic-induced nanocomposites with anatase@amorphous TiO2 coreâ€“shell structure and their photocatalytic activity. RSC Advances, 2016, 6, 67444-67448.	1.7	6
136	Low Cytotoxic Metalâ€“Organic Frameworks as Temperatureâ€Responsive Drug Carriers. ChemPlusChem, 2016, 81, 804-810.	1.3	67
137	A Microporous Metalâ€“Organic Framework with Lewis Basic Nitrogen Sites for High C₂H₂ Storage and Significantly Enhanced C₂H₂/CO₂ Separation at Ambient Conditions. Inorganic Chemistry, 2016, 55, 7214-7218.	1.9	124
138	Pressure controlled drug release in a Zr-cluster-based MOF. Journal of Materials Chemistry B, 2016, 4, 6398-6401.	2.9	86
139	Encapsulation of coumarin dye within lanthanide MOFs as highly efficient white-light-emitting phosphors for white LEDs. CrystEngComm, 2016, 18, 8366-8371.	1.3	33
140	Low Cytotoxic Metal-Organic Frameworks as Temperature-Responsive Drug Carriers. ChemPlusChem, 2016, 81, 668-668.	1.3	10
141	Design and preparation of hybrid films containing three-branched chromophores for nonlinear optical applications. RSC Advances, 2016, 6, 81969-81975.	1.7	7
142	Enhanced photocatalytic performance and morphology evolvement of PbWO₄ dendritic nanostructures through Eu³⁺ doping. RSC Advances, 2016, 6, 81447-81453.	1.7	13
143	Emerging Multifunctional Metalâ€“Organic Framework Materials. Advanced Materials, 2016, 28, 8819-8860.	11.1	1,227
144	A Large Capacity Cationic Metalâ€“Organic Framework Nanocarrier for Physiological pH Responsive Drug Delivery. Molecular Pharmaceutics, 2016, 13, 2782-2786.	2.3	85

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145	Turn-on and Ratiometric Luminescent Sensing of Hydrogen Sulfide Based on Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2016, 8, 32259-32265.	4.0	207
146	A highly stable amino-coordinated MOF for unprecedented block off N₂ adsorption and extraordinary CO₂/N₂ separation. Chemical Communications, 2016, 52, 13568-13571.	2.2	33
147	Doubly Interpenetrated Metalâ€“Organic Framework for Highly Selective C₂H₂/CH₄ and C₂H₂/CO₂ Separation at Room Temperature. Crystal Growth and Design, 2016, 16, 7194-7197.	1.4	80
148	A dye encapsulated terbium-based metalâ€“organic framework for ratiometric temperature sensing. Dalton Transactions, 2016, 45, 18689-18695.	1.6	57
149	A Terbium Metalâ€“Organic Framework for Highly Selective and Sensitive Luminescence Sensing of Hg²⁺ Ions in Aqueous Solution. Chemistry - A European Journal, 2016, 22, 18429-18434.	1.7	121
150	Polarized three-photon-pumped laser in a single MOF microcrystal. Nature Communications, 2016, 7, 11087.	5.8	165
151	Metalâ€“organic framework nanosheets for fast-response and highly sensitive luminescent sensing of Fe³⁺. Journal of Materials Chemistry A, 2016, 4, 10900-10905.	5.2	412
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