Guodong Qian

List of Publications by Year
in descending order

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	Luminescent Functional Metalâ€“Organic Frameworks. Chemical Reviews, 2012, 112, 1126-1162.	23.0	5,099
2	Metalâˆ’Organic Frameworks with Functional Pores for Recognition of Small Molecules. Accounts of Chemical Research, 2010, 43, 1115-1124.	7.6	1,919
3	Methane storage in metalâ€“organic frameworks. Chemical Society Reviews, 2014, 43, 5657-5678.	18.7	1,449
4	Metalâ€“Organic Frameworks as Platforms for Functional Materials. Accounts of Chemical Research, 2016, 49, 483-493.	7.6	1,403
5	Emerging Multifunctional Metalâ€“Organic Framework Materials. Advanced Materials, 2016, 28, 8819-8860.	11.1	1,227
6	A Luminescent Metalâ€“Organic Framework with Lewis Basic Pyridyl Sites for the Sensing of Metal Ions. Angewandte Chemie - International Edition, 2009, 48, 500-503.	7.2	1,041
7	A Luminescent Mixed-Lanthanide Metalâ€“Organic Framework Thermometer. Journal of the American Chemical Society, 2012, 134, 3979-3982.	6.6	1,033
8	A Luminescent Microporous Metalâˆ’Organic Framework for the Recognition and Sensing of Anions. Journal of the American Chemical Society, 2008, 130, 6718-6719.	6.6	962
9	Lanthanide metal-organic frameworks for luminescent sensing and light-emitting applications. Coordination Chemistry Reviews, 2014, 273-274, 76-86.	9.5	937
10	A Highly Sensitive Mixed Lanthanide Metalâ€“Organic Framework Self-Calibrated Luminescent Thermometer. Journal of the American Chemical Society, 2013, 135, 15559-15564.	6.6	608
11	Dualâ€Emitting MOFâŠƒDye Composite for Ratiometric Temperature Sensing. Advanced Materials, 2015, 27, 1420-1425.	11.1	604
12	Photonic functional metalâ€“organic frameworks. Chemical Society Reviews, 2018, 47, 5740-5785.	18.7	528
13	A luminescent nanoscale metalâ€“organic framework for sensing of nitroaromatic explosives. Chemical Communications, 2011, 47, 3153.	2.2	426
14	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
15	Confinement of pyridinium hemicyanine dye within an anionic metal-organic framework for two-photon-pumped lasing. Nature Communications, 2013, 4, 2719.	5.8	381
16	Metalâ€“organic frameworks for luminescence thermometry. Chemical Communications, 2015, 51, 7420-7431.	2.2	354
17	A robust near infrared luminescent ytterbium metalâ€“organic framework for sensing of small molecules. Chemical Communications, 2011, 47, 5551-5553.	2.2	345
18	A Zn4O-containing doubly interpenetrated porous metalâ€“organic framework for photocatalytic decomposition of methyl orange. Chemical Communications, 2011, 47, 11715.	2.2	319

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19	Luminescent Metalâ€“Organic Framework Films As Highly Sensitive and Fast-Response Oxygen Sensors. Journal of the American Chemical Society, 2014, 136, 5527-5530.	6.6	319
20	An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. Advanced Materials, 2017, 29, 1704210.	11.1	310
21	Secondâ€Order Nonlinear Optical Activity Induced by Ordered Dipolar Chromophores Confined in the Pores of an Anionic Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2012, 51, 10542-10545.	7.2	279
22	Dye Encapsulated Metalâ€Organic Framework for Warmâ€White LED with High Colorâ€Rendering Index. Advanced Functional Materials, 2015, 25, 4796-4802.	7.8	260
23	A Chemically Stable Hofmannâ€Type Metalâˆ’Organic Framework with Sandwichâ€Like Binding Sites for Benchmark Acetylene Capture. Advanced Materials, 2020, 32, e1908275.	11.1	236
24	A porous Zr-cluster-based cationic metalâ€“organic framework for highly efficient Cr₂O₇^{2âˆ’} removal from water. Chemical Communications, 2015, 51, 14732-14734.	2.2	234
25	Enhanced Near-Infraredâˆ’Luminescence in an Erbium Tetrafluoroterephthalate Framework. Inorganic Chemistry, 2006, 45, 8882-8886.	1.9	233
26	Porous metalâ€“organic frameworks for fuel storage. Coordination Chemistry Reviews, 2018, 373, 167-198.	9.5	211
27	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
28	Color tunable and white light emitting Tb3+ and Eu3+ doped lanthanide metalâ€“organic framework materials. Journal of Materials Chemistry, 2012, 22, 3210.	6.7	200
29	Broadband Extrinsic Selfâ€Trapped Exciton Emission in Snâ€Doped 2D Leadâ€Halide Perovskites. Advanced Materials, 2019, 31, e1806385.	11.1	198
30	A ratiometric and colorimetric luminescent thermometer over a wide temperature range based on a lanthanide coordination polymer. Chemical Communications, 2014, 50, 719-721.	2.2	192
31	Two-Photon Responsive Metalâ€“Organic Framework. Journal of the American Chemical Society, 2015, 137, 4026-4029.	6.6	185
32	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
33	Mixed-Metalâ€“Organic Framework with Effective Lewis Acidic Sites for Sulfur Confinement in High-Performance Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2015, 7, 20999-21004.	4.0	182
34	Multifunctional lanthanide coordination polymers. Progress in Polymer Science, 2015, 48, 40-84.	11.8	176
35	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
36	Polarized three-photon-pumped laser in a single MOF microcrystal. Nature Communications, 2016, 7, 11087.	5.8	165

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37	Enhancing Oxygen Evolution Reaction through Modulating Electronic Structure of Trimetallic Electrocatalysts Derived from Metalâ€“Organic Frameworks. Small, 2019, 15, e1901940.	5.2	163
38	Sensing-functional luminescent metalâ€“organic frameworks. CrystEngComm, 2016, 18, 3746-3759.	1.3	160
39	A microporous metalâ€“organic framework with both open metal and Lewis basic pyridyl sites for high C2H2 and CH4 storage at room temperature. Chemical Communications, 2013, 49, 6719.	2.2	158
40	Porous anatase TiO₂constructed from a metalâ€“organic framework for advanced lithium-ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 12571.	5.2	153
41	A microporous metalâ€“organic framework with both open metal and Lewis basic pyridyl sites for highly selective C₂H₂/CH₄and C₂H₂/CO₂gas separation at room temperature. Journal of Materials Chemistry A, 2013, 1, 77-81.	5.2	148
42	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
43	A luminescent nanoscale metalâ€“organic framework with controllable morphologies for spore detection. Chemical Communications, 2012, 48, 7377.	2.2	146
44	A New Approach to Construct a Doubly Interpenetrated Microporous Metalâ€“Organic Framework of Primitive Cubic Net for Highly Selective Sorption of Small Hydrocarbon Molecules. Chemistry - A European Journal, 2011, 17, 7817-7822.	1.7	137
45	Black Hydroxylated Titanium Dioxide Prepared via Ultrasonication with Enhanced Photocatalytic Activity. Scientific Reports, 2015, 5, 11712.	1.6	133
46	Direct Synthesis of Porous Nanorodâ€Type Graphitic Carbon Nitride/CuO Composite from Cuâ€“Melamine Supramolecular Framework towards Enhanced Photocatalytic Performance. Chemistry - an Asian Journal, 2015, 10, 1276-1280.	1.7	131
47	Design and Synthesis of an MOF Thermometer with High Sensitivity in the Physiological Temperature Range. Inorganic Chemistry, 2015, 54, 11193-11199.	1.9	130
48	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
49	A near infrared luminescent metalâ€“organic framework for temperature sensing in the physiological range. Chemical Communications, 2015, 51, 17676-17679.	2.2	126
50	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
51	Confinement of Perovskiteâ€QDs within a Single MOF Crystal for Significantly Enhanced Multiphoton Excited Luminescence. Advanced Materials, 2019, 31, e1806897.	11.1	124
52	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
53	Engineering microporous ethane-trapping metalâ€“organic frameworks for boosting ethane/ethylene separation. Journal of Materials Chemistry A, 2020, 8, 3613-3620.	5.2	120
54	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

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55	A luminescent cerium metalâ€“organic framework for the turn-on sensing of ascorbic acid. Chemical Communications, 2017, 53, 11221-11224.	2.2	111
56	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
57	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
58	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
59	A Doubly Interpenetrated Metalâ€“Organic Framework with Open Metal Sites and Suitable Pore Sizes for Highly Selective Separation of Small Hydrocarbons at Room Temperature. Crystal Growth and Design, 2013, 13, 2094-2097.	1.4	96
60	Ratiometric dual-emitting MOFâŠƒdye thermometers with a tunable operating range and sensitivity. Journal of Materials Chemistry C, 2017, 5, 1607-1613.	2.7	96
61	Laser properties and photostabilities of laser dyes doped in ORMOSILs. Optical Materials, 2004, 24, 621-628.	1.7	94
62	A porphyrin-based metalâ€“organic framework as a pH-responsive drug carrier. Journal of Solid State Chemistry, 2016, 237, 307-312.	1.4	93
63	A new metalâ€“organic framework with potential for adsorptive separation of methane from carbon dioxide, acetylene, ethylene, and ethane established by simulated breakthrough experiments. Journal of Materials Chemistry A, 2014, 2, 2628.	5.2	91
64	Highly dispersed Î2-NiS nanoparticles in porous carbon matrices by a template metalâ€“organic framework method for lithium-ion cathode. Journal of Materials Chemistry A, 2014, 2, 7912.	5.2	89
65	A Eu/Tb-mixed MOF for luminescent high-temperature sensing. Journal of Solid State Chemistry, 2017, 246, 341-345.	1.4	89
66	Flexible Metalâ€“Organic Frameworkâ€Based Mixedâ€Matrix Membranes: A New Platform for H₂S Sensors. Small, 2018, 14, e1801563.	5.2	88
67	Pressure controlled drug release in a Zr-cluster-based MOF. Journal of Materials Chemistry B, 2016, 4, 6398-6401.	2.9	86
68	A Large Capacity Cationic Metalâ€“Organic Framework Nanocarrier for Physiological pH Responsive Drug Delivery. Molecular Pharmaceutics, 2016, 13, 2782-2786.	2.3	85
69	A cationic microporous metalâ€“organic framework for highly selective separation of small hydrocarbons at room temperature. Journal of Materials Chemistry A, 2013, 1, 9916.	5.2	83
70	A new fluorescent and colorimetric probe for trace hydrazine with a wide detection range in aqueous solution. Dyes and Pigments, 2013, 99, 966-971.	2.0	83
71	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
72	Cryogenic Luminescent Tb/Eu-MOF Thermometer Based on a Fluorine-Modified Tetracarboxylate Ligand. Inorganic Chemistry, 2018, 57, 12596-12602.	1.9	80

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73	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
74	Molecular sensing with lanthanide luminescence in a 3D porous metal-organic framework. Journal of Alloys and Compounds, 2009, 484, 601-604.	2.8	77
75	A Rare Uninodal 9-Connected Metalâˆ’Organic Framework with Permanent Porosity. Crystal Growth and Design, 2010, 10, 2372-2375.	1.4	71
76	Luminescent Metalâ€“Organic Frameworks for White LEDs. Advanced Optical Materials, 2021, 9, 2001817.	3.6	71
77	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
78	A luminescent ratiometric pH sensor based on a nanoscale and biocompatible Eu/Tb-mixed MOF. Dalton Transactions, 2017, 46, 7549-7555.	1.6	68
79	Low Cytotoxic Metalâ€“Organic Frameworks as Temperatureâ€Responsive Drug Carriers. ChemPlusChem, 2016, 81, 804-810.	1.3	67
80	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
81	A metalâ€“organic framework for selectively sensing of PO43âˆ’ anion in aqueous solution. Journal of Alloys and Compounds, 2011, 509, 2552-2554.	2.8	66
82	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
83	Thermal Stimuliâ€Triggered Drug Release from a Biocompatible Porous Metalâ€“Organic Framework. Chemistry - A European Journal, 2017, 23, 10215-10221.	1.7	62
84	Efficient separation of C₂H₂from C₂H₂/CO₂mixtures in an acidâ€“base resistant metalâ€“organic framework. Chemical Communications, 2018, 54, 4846-4849.	2.2	62
85	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
86	Shape Evolution of Highly Crystalline Anatase TiO₂ Nanobipyramids. Crystal Growth and Design, 2011, 11, 5221-5226.	1.4	61
87	A microporous metalâ€“organic framework of a rare sty topology for high CH4 storage at room temperature. Chemical Communications, 2013, 49, 2043.	2.2	61
88	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
89	A highly sensitive near-infrared luminescent metalâ€“organic framework thermometer in the physiological range. Chemical Communications, 2016, 52, 8259-8262.	2.2	60
90	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

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91	Multivariable Sieving and Hierarchical Recognition for Organic Toxics in Nonhomogeneous Channel of MOFs. CheM, 2019, 5, 1337-1350.	5.8	59
92	A new fluorescent probe for distinguishing Zn2+ and Cd2+ with high sensitivity and selectivity. Dalton Transactions, 2013, 42, 11465.	1.6	58
93	A dye encapsulated terbium-based metalâ€“organic framework for ratiometric temperature sensing. Dalton Transactions, 2016, 45, 18689-18695.	1.6	57
94	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
95	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
96	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
97	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
98	Ratiometric luminescence sensing based on a mixed Ce/Eu metalâ€“organic framework. Journal of Materials Chemistry C, 2018, 6, 2054-2059.	2.7	54
99	An amino-decorated NbO-type metalâ€“organic framework for high C₂H₂ storage and selective CO₂ capture. RSC Advances, 2015, 5, 77417-77422.	1.7	53
100	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
101	Postsynthetic modification of metalâ€“organic framework for hydrogen sulfide detection. Applied Surface Science, 2015, 355, 814-819.	3.1	50
102	Highly Stable Mixedâ€Lanthanide Metalâ€“Organic Frameworks for Selfâ€Referencing and Colorimetric Luminescent pH Sensing. ChemNanoMat, 2017, 3, 51-57.	1.5	50
103	Temperature-dependent luminescent properties of Euâ€“Tb complexes synthesized in situ in gel glass. Applied Physics Letters, 2005, 86, 071907.	1.5	48
104	An MOFâ€Based Luminescent Sensor Array for Pattern Recognition and Quantification of Metal Ions. Advanced Optical Materials, 2021, 9, 2002180.	3.6	48
105	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
106	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
107	A Novel Hydrogen-Bonded Organic Framework with Highly Permanent Porosity for Boosting Ethane/Ethylene Separation. , 2021, 3, 497-503.		46
108	Encapsulation of dyes in metalâ€“organic frameworks and their tunable nonlinear optical properties. Dalton Transactions, 2016, 45, 4218-4223.	1.6	45

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109	A biocompatible metalâ€“organic framework as a pH and temperature dual-responsive drug carrier. Dalton Transactions, 2018, 47, 15882-15887.	1.6	45
110	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
111	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
112	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
113	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
114	Solvent effect on two-photon absorption (TPA) of three novel dyes with large TPA cross-section and red emission. Dyes and Pigments, 2013, 97, 58-64.	2.0	41
115	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
116	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
117	Three-dimensional copper (II) metalâ€“organic framework with open metal sites and anthracene nucleus for highly selective C2H2/CH4 and C2H2/CO2 gas separation at room temperature. Microporous and Mesoporous Materials, 2013, 181, 99-104.	2.2	40
118	Synthesis <i>In Situ</i>, Characterization, and Photostability of Europium Î²â€Diketone Chelates in Organically Modified Silicates (ORMOSILs). Journal of the American Ceramic Society, 2000, 83, 703-708.	1.9	39
119	Enhancement of nonlinear optical activity in new six-branched dendritic dipolar chromophore. Journal of Materials Chemistry, 2011, 21, 3197.	6.7	38
120	Preparation and thiols sensing of luminescent metalâ€“organic framework films functionalized with lanthanide ions. Microporous and Mesoporous Materials, 2013, 179, 198-204.	2.2	38
121	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
122	MOFâ€Based Organic Microlasers. Advanced Optical Materials, 2019, 7, 1900077.	3.6	38
123	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
124	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
125	A new fluorescent probe for Zn²⁺with red emission and its application in bioimaging. Dalton Transactions, 2014, 43, 8048-8053.	1.6	37
126	A new microporous metalâ€“organic framework with open metal sites and exposed carboxylic acid groups for selective separation of CO₂/CH₄and C₂H₂/CH₄. RSC Advances, 2014, 4, 36419.	1.7	37

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127	Novel Microporous Metalâ€“Organic Framework Exhibiting High Acetylene and Methane Storage Capacities. Inorganic Chemistry, 2015, 54, 4377-4381.	1.9	36
128	A novel methoxy-decorated metalâ€“organic framework exhibiting high acetylene and carbon dioxide storage capacities. CrystEngComm, 2017, 19, 1464-1469.	1.3	36
129	Dyes Encapsulated Nanoscale Metalâ€“Organic Frameworks for Multimode Temperature Sensing with High Spatial Resolution. , 2021, 3, 1426-1432.		36
130	Energy transfer mechanism between laser dyes doped in ORMOSILs. Chemical Physics Letters, 2005, 402, 389-394.	1.2	35
131	A fluorescent pH chemosensor for strongly acidic conditions based on the intramolecular charge transfer (ICT) effect. RSC Advances, 2013, 3, 4872.	1.7	35
132	Highly selective separation of small hydrocarbons and carbon dioxide in a metalâ€“organic framework with open copper(ii) coordination sites. RSC Advances, 2014, 4, 23058.	1.7	35
133	Influence of the thickness and composition of the solid-state dye laser media on the laser properties. Optics Communications, 2002, 204, 277-282.	1.0	34
134	A novel metal-organic framework for high storage and separation of acetylene at room temperature. Journal of Solid State Chemistry, 2016, 241, 152-156.	1.4	34
135	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
136	Enhanced Luminescence of an Erbium (III) Ion-Association Ternary Complex with a Near-Infrared Dye. Journal of Physical Chemistry B, 2004, 108, 8084-8088.	1.2	33
137	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
138	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
139	Color-tunable and white-light emitting lanthanide complexes based on (CexEuyTb1âˆ’xâˆ’y)2(BDC)3(H2O)4. Journal of Alloys and Compounds, 2012, 510, L5-L8.	2.8	32
140	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
141	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
142	Current Status of Microporous Metalâ€“Organic Frameworks for Hydrocarbon Separations. Topics in Current Chemistry, 2019, 377, 33.	3.0	31
143	A novel 2,6-dicarbonylpyridine-based fluorescent chemosensor for Co2+ with high selectivity and sensitivity. Analyst, The, 2011, 136, 5283.	1.7	30
144	Facile synthesis of graphene-supported mesoporous Mn3O4 nanosheets with a high-performance in Li-ion batteries. RSC Advances, 2014, 4, 5367.	1.7	30

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145	Controllable broadband multicolour single-mode polarized laser in a dye-assembled homoepitaxial MOF microcrystal. Light: Science and Applications, 2020, 9, 138.	7.7	30
146	Structural Variation and Switchable Nonlinear Optical Behavior of Metalâ€“Organic Frameworks. Small, 2021, 17, e2006649.	5.2	30
147	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
148	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
149	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
150	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
151	Polyurethane-coated luminescent dye@MOF composites for highly-stable white LEDs. Journal of Materials Chemistry C, 2020, 8, 12308-12313.	2.7	28
152	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
153	A highly sensitive luminescent metalâ€“organic framework thermometer for physiological temperature sensing. Journal of Rare Earths, 2018, 36, 561-566.	2.5	27
154	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
155	A fluorinated Zr-based MOF of high porosity for high CH4 storage. Journal of Solid State Chemistry, 2019, 277, 139-142.	1.4	27
156	Synthesis of different CuO nanostructures from Cu(OH)₂ nanorods through changing drying medium for lithium-ion battery anodes. RSC Advances, 2015, 5, 28611-28618.	1.7	26
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