

Guodong Qian

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268
papers

26,833
citations

67
h-index

161
g-index

277
ext. papers

29,945
ext. citations

7.4
avg, IF

7.49
L-index

#	Paper	IF	Citations
268	Luminescent functional metal-organic frameworks. <i>Chemical Reviews</i> , 2012 , 112, 1126-62	68.1	4620
267	Metal-organic frameworks with functional pores for recognition of small molecules. <i>Accounts of Chemical Research</i> , 2010 , 43, 1115-24	24.3	1797
266	Methane storage in metal-organic frameworks. <i>Chemical Society Reviews</i> , 2014 , 43, 5657-78	58.5	1246
265	Metal-Organic Frameworks as Platforms for Functional Materials. <i>Accounts of Chemical Research</i> , 2016 , 49, 483-93	24.3	1178
264	A luminescent metal-organic framework with Lewis basic pyridyl sites for the sensing of metal ions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 500-3	16.4	980
263	Emerging Multifunctional Metal-Organic Framework Materials. <i>Advanced Materials</i> , 2016 , 28, 8819-8860	24	955
262	A luminescent microporous metal-organic framework for the recognition and sensing of anions. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6718-9	16.4	918
261	A luminescent mixed-lanthanide metal-organic framework thermometer. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3979-82	16.4	896
260	Lanthanide metal-organic frameworks for luminescent sensing and light-emitting applications. <i>Coordination Chemistry Reviews</i> , 2014 , 273-274, 76-86	23.2	800
259	A highly sensitive mixed lanthanide metal-organic framework self-calibrated luminescent thermometer. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15559-64	16.4	536
258	Dual-emitting MOF/dye composite for ratiometric temperature sensing. <i>Advanced Materials</i> , 2015 , 27, 1420-5	24	501
257	A luminescent nanoscale metal-organic framework for sensing of nitroaromatic explosives. <i>Chemical Communications</i> , 2011 , 47, 3153-5	5.8	401
256	Photonic functional metal-organic frameworks. <i>Chemical Society Reviews</i> , 2018 , 47, 5740-5785	58.5	373
255	Metal-organic framework nanosheets for fast-response and highly sensitive luminescent sensing of Fe ³⁺ . <i>Journal of Materials Chemistry A</i> , 2016 , 4, 10900-10905	13	330
254	Confinement of pyridinium hemicyanine dye within an anionic metal-organic framework for two-photon-pumped lasing. <i>Nature Communications</i> , 2013 , 4, 2719	17.4	327
253	A robust near infrared luminescent ytterbium metal-organic framework for sensing of small molecules. <i>Chemical Communications</i> , 2011 , 47, 5551-3	5.8	321
252	A Zn ₄ O-containing doubly interpenetrated porous metal-organic framework for photocatalytic decomposition of methyl orange. <i>Chemical Communications</i> , 2011 , 47, 11715-7	5.8	289

251	Metal-organic frameworks for luminescence thermometry. <i>Chemical Communications</i> , 2015 , 51, 7420-31	5.8	288
250	Luminescent metal-organic framework films as highly sensitive and fast-response oxygen sensors. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5527-30	16.4	279
249	Second-order nonlinear optical activity induced by ordered dipolar chromophores confined in the pores of an anionic metal-organic framework. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10542-5	16.4	255
248	Dye Encapsulated Metal-Organic Framework for Warm-White LED with High Color-Rendering Index. <i>Advanced Functional Materials</i> , 2015 , 25, 4796-4802	15.6	232
247	Enhanced near-infrared-luminescence in an erbium tetrafluoroterephthalate framework. <i>Inorganic Chemistry</i> , 2006 , 45, 8882-6	5.1	226
246	An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. <i>Advanced Materials</i> , 2017 , 29, 1704210	24	213
245	A porous Zr-cluster-based cationic metal-organic framework for highly efficient Cr2O7(2-) removal from water. <i>Chemical Communications</i> , 2015 , 51, 14732-4	5.8	196
244	Color tunable and white light emitting Tb3+ and Eu3+ doped lanthanide metal-organic framework materials. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3210		190
243	A ratiometric and colorimetric luminescent thermometer over a wide temperature range based on a lanthanide coordination polymer. <i>Chemical Communications</i> , 2014 , 50, 719-21	5.8	173
242	Porous metal-organic frameworks for fuel storage. <i>Coordination Chemistry Reviews</i> , 2018 , 373, 167-198	23.2	169
241	Two-photon responsive metal-organic framework. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4026-9	16.4	159
240	Turn-on and Ratiometric Luminescent Sensing of Hydrogen Sulfide Based on Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32259-32265	9.5	156
239	A Luminescent Metal-Organic Framework with Lewis Basic Pyridyl Sites for the Sensing of Metal Ions. <i>Angewandte Chemie</i> , 2009 , 121, 508-511	3.6	155
238	Multifunctional lanthanide coordination polymers. <i>Progress in Polymer Science</i> , 2015 , 48, 40-84	29.6	151
237	Mixed-Metal-Organic Framework with Effective Lewis Acidic Sites for Sulfur Confinement in High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20999-1004	9.5	148
236	Sensing-functional luminescent metal-organic frameworks. <i>CrystEngComm</i> , 2016 , 18, 3746-3759	3.3	143
235	A microporous metal-organic framework with both open metal and Lewis basic pyridyl sites for high C2H2 and CH4 storage at room temperature. <i>Chemical Communications</i> , 2013 , 49, 6719-21	5.8	142
234	A luminescent nanoscale metal-organic framework with controllable morphologies for spore detection. <i>Chemical Communications</i> , 2012 , 48, 7377-9	5.8	133

233	A microporous metal-organic framework with both open metal and Lewis basic pyridyl sites for highly selective C ₂ H ₂ /CH ₄ and C ₂ H ₂ /CO ₂ gas separation at room temperature. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 77-81	13	131
232	Polarized three-photon-pumped laser in a single MOF microcrystal. <i>Nature Communications</i> , 2016 , 7, 11087	17.4	129
231	Porous anatase TiO ₂ constructed from a metal-organic framework for advanced lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12571	13	128
230	Enhancing Oxygen Evolution Reaction through Modulating Electronic Structure of Trimetallic Electrocatalysts Derived from Metal-Organic Frameworks. <i>Small</i> , 2019 , 15, e1901940	11	127
229	A new approach to construct a doubly interpenetrated microporous metal-organic framework of primitive cubic net for highly selective sorption of small hydrocarbon molecules. <i>Chemistry - A European Journal</i> , 2011 , 17, 7817-22	4.8	127
228	Direct Synthesis of Porous Nanorod-Type Graphitic Carbon Nitride/CuO Composite from Cu-Melamine Supramolecular Framework towards Enhanced Photocatalytic Performance. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1276-80	4.5	118
227	A Chemically Stable Hofmann-Type Metal-Organic Framework with Sandwich-Like Binding Sites for Benchmark Acetylene Capture. <i>Advanced Materials</i> , 2020 , 32, e1908275	24	111
226	Design and Synthesis of an MOF Thermometer with High Sensitivity in the Physiological Temperature Range. <i>Inorganic Chemistry</i> , 2015 , 54, 11193-9	5.1	109
225	A near infrared luminescent metal-organic framework for temperature sensing in the physiological range. <i>Chemical Communications</i> , 2015 , 51, 17676-9	5.8	102
224	A Microporous Metal-Organic Framework with Lewis Basic Nitrogen Sites for High C ₂ H ₂ Storage and Significantly Enhanced C ₂ H ₂ /CO ₂ Separation at Ambient Conditions. <i>Inorganic Chemistry</i> , 2016 , 55, 7214-8	5.1	100
223	Black Hydroxylated Titanium Dioxide Prepared via Ultrasonication with Enhanced Photocatalytic Activity. <i>Scientific Reports</i> , 2015 , 5, 11712	4.9	95
222	Broadband Extrinsic Self-Trapped Exciton Emission in Sn-Doped 2D Lead-Halide Perovskites. <i>Advanced Materials</i> , 2019 , 31, e1806385	24	94
221	A Terbium Metal-Organic Framework for Highly Selective and Sensitive Luminescence Sensing of Hg Ions in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2016 , 22, 18429-18434	4.8	90
220	Laser properties and photostabilities of laser dyes doped in ORMOSiLs. <i>Optical Materials</i> , 2004 , 24, 621-628	9	90
219	Isostructural Tb/Eu Co-Doped Metal-Organic Framework Based on Pyridine-Containing Dicarboxylate Ligands for Ratiometric Luminescence Temperature Sensing. <i>Inorganic Chemistry</i> , 2019 , 58, 2637-2644	5.1	86
218	Selective Ethane/Ethylene Separation in a Robust Microporous Hydrogen-Bonded Organic Framework. <i>Journal of the American Chemical Society</i> , 2020 , 142, 633-640	16.4	86
217	A luminescent cerium metal-organic framework for the turn-on sensing of ascorbic acid. <i>Chemical Communications</i> , 2017 , 53, 11221-11224	5.8	84
216	A Metal-Organic Framework with Optimized Porosity and Functional Sites for High Gravimetric and Volumetric Methane Storage Working Capacities. <i>Advanced Materials</i> , 2018 , 30, e1704792	24	81

215	Highly dispersed NiS nanoparticles in porous carbon matrices by a template metal-organic framework method for lithium-ion cathode. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 7912	13	80
214	Morphology regulation of metal-organic framework-derived nanostructures for efficient oxygen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18215-18219	13	79
213	Confinement of Perovskite-QDs within a Single MOF Crystal for Significantly Enhanced Multiphoton Excited Luminescence. <i>Advanced Materials</i> , 2019 , 31, e1806897	24	79
212	A Doubly Interpenetrated Metal-Organic Framework with Open Metal Sites and Suitable Pore Sizes for Highly Selective Separation of Small Hydrocarbons at Room Temperature. <i>Crystal Growth and Design</i> , 2013 , 13, 2094-2097	3.5	77
211	A new fluorescent and colorimetric probe for trace hydrazine with a wide detection range in aqueous solution. <i>Dyes and Pigments</i> , 2013 , 99, 966-971	4.6	76
210	A cationic microporous metal-organic framework for highly selective separation of small hydrocarbons at room temperature. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 9916	13	75
209	Molecular sensing with lanthanide luminescence in a 3D porous metal-organic framework. <i>Journal of Alloys and Compounds</i> , 2009 , 484, 601-604	5.7	75
208	Ratiometric dual-emitting MOF-dye thermometers with a tunable operating range and sensitivity. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1607-1613	7.1	74
207	A new metal-organic framework with potential for adsorptive separation of methane from carbon dioxide, acetylene, ethylene, and ethane established by simulated breakthrough experiments. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2628	13	74
206	A Large Capacity Cationic Metal-Organic Framework Nanocarrier for Physiological pH Responsive Drug Delivery. <i>Molecular Pharmaceutics</i> , 2016 , 13, 2782-6	5.6	71
205	A Eu/Tb-mixed MOF for luminescent high-temperature sensing. <i>Journal of Solid State Chemistry</i> , 2017 , 246, 341-345	3.3	70
204	A porphyrin-based metal-organic framework as a pH-responsive drug carrier. <i>Journal of Solid State Chemistry</i> , 2016 , 237, 307-312	3.3	70
203	A Rare Uninodal 9-Connected Metal-Organic Framework with Permanent Porosity. <i>Crystal Growth and Design</i> , 2010 , 10, 2372-2375	3.5	70
202	Pressure controlled drug release in a Zr-cluster-based MOF. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 6398-6401	7.3	67
201	Doubly Interpenetrated Metal-Organic Framework for Highly Selective $\text{C}_2\text{H}_2/\text{CH}_4$ and $\text{C}_2\text{H}_2/\text{CO}_2$ Separation at Room Temperature. <i>Crystal Growth and Design</i> , 2016 , 16, 7194-7197	3.5	65
200	A luminescent ratiometric thermometer based on thermally coupled levels of a Dy-MOF. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5044-5047	7.1	64
199	A metal-organic framework for selectively sensing of PO_4^{3-} anion in aqueous solution. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 2552-2554	5.7	61
198	Cryogenic Luminescent Tb/Eu-MOF Thermometer Based on a Fluorine-Modified Tetracarboxylate Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 12596-12602	5.1	60

197	Shape Evolution of Highly Crystalline Anatase TiO ₂ Nanobipyramids. <i>Crystal Growth and Design</i> , 2011 , 11, 5221-5226	3.5	59
196	A microporous metal-organic framework of a rare sty topology for high CH ₄ storage at room temperature. <i>Chemical Communications</i> , 2013 , 49, 2043-5	5.8	58
195	Flexible Metal-Organic Framework-Based Mixed-Matrix Membranes: A New Platform for H ₂ S Sensors. <i>Small</i> , 2018 , 14, e1801563	11	57
194	A new fluorescent probe for distinguishing Zn ²⁺ and Cd ²⁺ with high sensitivity and selectivity. <i>Dalton Transactions</i> , 2013 , 42, 11465-70	4.3	56
193	Engineering microporous ethane-trapping metal-organic frameworks for boosting ethane/ethylene separation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 3613-3620	13	55
192	A luminescent ratiometric pH sensor based on a nanoscale and biocompatible Eu/Tb-mixed MOF. <i>Dalton Transactions</i> , 2017 , 46, 7549-7555	4.3	53
191	A stable lanthanide-functionalized nanoscale metal-organic framework as a fluorescent probe for pH. <i>Sensors and Actuators B: Chemical</i> , 2018 , 254, 1069-1077	8.5	50
190	A dye encapsulated terbium-based metal-organic framework for ratiometric temperature sensing. <i>Dalton Transactions</i> , 2016 , 45, 18689-18695	4.3	48
189	A highly sensitive near-infrared luminescent metal-organic framework thermometer in the physiological range. <i>Chemical Communications</i> , 2016 , 52, 8259-62	5.8	48
188	Thermal Stimuli-Triggered Drug Release from a Biocompatible Porous Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2017 , 23, 10215-10221	4.8	48
187	Second-Order Nonlinear Optical Activity Induced by Ordered Dipolar Chromophores Confined in the Pores of an Anionic Metal-Organic Framework. <i>Angewandte Chemie</i> , 2012 , 124, 10694-10697	3.6	47
186	Temperature-dependent luminescent properties of Eu ³⁺ /Tb ³⁺ complexes synthesized in situ in gel glass. <i>Applied Physics Letters</i> , 2005 , 86, 071907	3.4	47
185	Efficient Energy Transfer within Dyes Encapsulated Metal-Organic Frameworks to Achieve High Performance White Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2018 , 6, 1800968	8.1	47
184	Efficient separation of CH ₄ from CH ₄ /CO ₂ mixtures in an acid-base resistant metal-organic framework. <i>Chemical Communications</i> , 2018 , 54, 4846-4849	5.8	46
183	Highly Stable Mixed-Lanthanide Metal-Organic Frameworks for Self-Referencing and Colorimetric Luminescent pH Sensing. <i>ChemNanoMat</i> , 2017 , 3, 51-57	3.5	44
182	An amino-decorated NbO-type metal-organic framework for high C ₂ H ₂ storage and selective CO ₂ capture. <i>RSC Advances</i> , 2015 , 5, 77417-77422	3.7	44
181	Low Cytotoxic Metal-Organic Frameworks as Temperature-Responsive Drug Carriers. <i>ChemPlusChem</i> , 2016 , 81, 804-810	2.8	44
180	Microporous Metal-Organic Framework with Exposed Amino Functional Group for High Acetylene Storage and Excellent C ₂ H ₂ /CO ₂ and C ₂ H ₂ /CH ₄ Separations. <i>Crystal Growth and Design</i> , 2017 , 17, 2319-2322	3.5	42

179	Highly sensitive and selective detection of mercury (II) based on a zirconium metal-organic framework in aqueous media. <i>Journal of Solid State Chemistry</i> , 2017 , 253, 277-281	3.3	42
178	A Rod-Packing Hydrogen-Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10304-10310	16.4	41
177	Highly stable Y(III)-based metal organic framework with two molecular building block for selective adsorption of C ₂ H ₂ and CO ₂ over CH ₄ . <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1193-1198	6.8	40
176	Ratiometric luminescence sensing based on a mixed Ce/Eu metal-organic framework. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2054-2059	7.1	38
175	Multivariable Sieving and Hierarchical Recognition for Organic Toxics in Nonhomogeneous Channel of MOFs. <i>Chem</i> , 2019 , 5, 1337-1350	16.2	37
174	Postsynthetic modification of metal-organic framework for hydrogen sulfide detection. <i>Applied Surface Science</i> , 2015 , 355, 814-819	6.7	37
173	Synthesis In Situ, Characterization, and Photostability of Europium β -Diketone Chelates in Organically Modified Silicates (ORMOSILs). <i>Journal of the American Ceramic Society</i> , 2004 , 83, 703-708	3.8	37
172	Encapsulation of dyes in metal-organic frameworks and their tunable nonlinear optical properties. <i>Dalton Transactions</i> , 2016 , 45, 4218-23	4.3	36
171	A luminescent turn-up metal-organic framework sensor for tryptophan based on singlet-singlet Förster energy transfer. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5174-5180	7.3	36
170	Solvent effect on two-photon absorption (TPA) of three novel dyes with large TPA cross-section and red emission. <i>Dyes and Pigments</i> , 2013 , 97, 58-64	4.6	36
169	Three-dimensional copper (II) metal-organic framework with open metal sites and anthracene nucleus for highly selective C ₂ H ₂ /CH ₄ and C ₂ H ₂ /CO ₂ gas separation at room temperature. <i>Microporous and Mesoporous Materials</i> , 2013 , 181, 99-104	5.3	36
168	Enhancement of nonlinear optical activity in new six-branched dendritic dipolar chromophore. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3197		36
167	Preparation and thiols sensing of luminescent metal-organic framework films functionalized with lanthanide ions. <i>Microporous and Mesoporous Materials</i> , 2013 , 179, 198-204	5.3	35
166	A luminescent metal-organic framework integrated hydrogel optical fibre as a photoluminescence sensing platform for fluorescence detection. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 897-904	7.1	34
165	In situ secondary growth of Eu(III)-organic framework film for fluorescence sensing of sulfur dioxide. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 63-69	8.5	34
164	A novel metal-organic framework for high storage and separation of acetylene at room temperature. <i>Journal of Solid State Chemistry</i> , 2016 , 241, 152-156	3.3	34
163	Photo-induced electron transfer in a metal-organic framework: a new approach towards a highly sensitive luminescent probe for Fe. <i>Chemical Communications</i> , 2019 , 55, 11231-11234	5.8	34
162	A new microporous metal-organic framework with open metal sites and exposed carboxylic acid groups for selective separation of CO ₂ /CH ₄ and C ₂ H ₂ /CH ₄ . <i>RSC Advances</i> , 2014 , 4, 36419	3.7	34

161	Energy transfer mechanism between laser dyes doped in ORMOSILs. <i>Chemical Physics Letters</i> , 2005 , 402, 389-394	2.5	34
160	A new fluorescent probe for Zn ²⁺ with red emission and its application in bioimaging. <i>Dalton Transactions</i> , 2014 , 43, 8048-53	4.3	33
159	Enhanced Luminescence of an Erbium (III) Ion-Association Ternary Complex with a Near-Infrared Dye. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 8084-8088	3.4	33
158	Low-Cost and High-Performance Microporous Metal-Organic Framework for Separation of Acetylene from Carbon Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1667-1672	8.3	33
157	A fluorescent pH chemosensor for strongly acidic conditions based on the intramolecular charge transfer (ICT) effect. <i>RSC Advances</i> , 2013 , 3, 4872	3.7	32
156	Influence of the thickness and composition of the solid-state dye laser media on the laser properties. <i>Optics Communications</i> , 2002 , 204, 277-282	2	32
155	Nanoscale fluorescent metal-organic framework composites as a logic platform for potential diagnosis of asthma. <i>Biosensors and Bioelectronics</i> , 2019 , 130, 65-72	11.8	32
154	A biocompatible metal-organic framework as a pH and temperature dual-responsive drug carrier. <i>Dalton Transactions</i> , 2018 , 47, 15882-15887	4.3	32
153	Highly selective separation of small hydrocarbons and carbon dioxide in a metal-organic framework with open copper(II) coordination sites. <i>RSC Advances</i> , 2014 , 4, 23058	3.7	31
152	A porous Zn-based metal-organic framework for pH and temperature dual-responsive controlled drug release. <i>Microporous and Mesoporous Materials</i> , 2017 , 249, 55-60	5.3	30
151	A novel methoxy-decorated metal-organic framework exhibiting high acetylene and carbon dioxide storage capacities. <i>CrystEngComm</i> , 2017 , 19, 1464-1469	3.3	30
150	Novel microporous metal-organic framework exhibiting high acetylene and methane storage capacities. <i>Inorganic Chemistry</i> , 2015 , 54, 4377-81	5.1	30
149	Luminescent Metal-Organic Frameworks for White LEDs. <i>Advanced Optical Materials</i> , 2020 , 2001817	8.1	30
148	A turn-on fluorescent probe for Cd ²⁺ detection in aqueous environments based on an imine functionalized nanoscale metal-organic framework. <i>RSC Advances</i> , 2017 , 7, 54892-54897	3.7	30
147	A zirconium-based metal-organic framework with encapsulated anionic drug for uncommonly controlled oral drug delivery. <i>Microporous and Mesoporous Materials</i> , 2019 , 275, 229-234	5.3	30
146	MOF-Based Organic Microlasers. <i>Advanced Optical Materials</i> , 2019 , 7, 1900077	8.1	29
145	Color-tunable and white-light emitting lanthanide complexes based on (CexEuyTb1-x-y)2(BDC)3(H2O)4. <i>Journal of Alloys and Compounds</i> , 2012 , 510, L5-L8	5.7	29
144	Benchmark C H /CO Separation in an Ultra-Microporous Metal-Organic Framework via Copper(I)-Alkynyl Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15995-16002	16.4	29

143	A highly stable amino-coordinated MOF for unprecedented block off N adsorption and extraordinary CO/N separation. <i>Chemical Communications</i> , 2016 , 52, 13568-13571	5.8	28
142	A novel 2,6-dicarbonylpyridine-based fluorescent chemosensor for Co ²⁺ with high selectivity and sensitivity. <i>Analyst, The</i> , 2011 , 136, 5283-6	5	28
141	Facile synthesis of graphene-supported mesoporous Mn ₃ O ₄ nanosheets with a high-performance in Li-ion batteries. <i>RSC Advances</i> , 2014 , 4, 5367	3.7	27
140	Periodically Aligned Dye Molecules Integrated in a Single MOF Microcrystal Exhibit Single-Mode Linearly Polarized Lasing. <i>Advanced Optical Materials</i> , 2017 , 5, 1601040	8.1	26
139	A manganese-based metal-organic framework electrochemical sensor for highly sensitive cadmium ions detection. <i>Journal of Solid State Chemistry</i> , 2019 , 275, 38-42	3.3	26
138	Highly selective luminescent sensing of picric acid based on a water-stable europium metal-organic framework. <i>Journal of Solid State Chemistry</i> , 2017 , 245, 127-131	3.3	26
137	Encapsulation of coumarin dye within lanthanide MOFs as highly efficient white-light-emitting phosphors for white LEDs. <i>CrystEngComm</i> , 2016 , 18, 8366-8371	3.3	26
136	A water-stable fcu-MOF material with exposed amino groups for the multi-functional separation of small molecules. <i>Science China Materials</i> , 2019 , 62, 1315-1322	7.1	25
135	Synthesis of different CuO nanostructures from Cu(OH) ₂ nanorods through changing drying medium for lithium-ion battery anodes. <i>RSC Advances</i> , 2015 , 5, 28611-28618	3.7	25
134	Metal-organic framework film for fluorescence turn-on H ₂ S gas sensing and anti-counterfeiting patterns. <i>Science China Materials</i> , 2019 , 62, 1445-1453	7.1	25
133	Six-branched chromophores with isolation groups: synthesis and enhanced optical nonlinearity. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9202		24
132	Time-resolved spectroscopic study of Eu(TTA) ₃ (TPPO) ₂ chelate in situ synthesized in vinyltriethoxysilane-derived sol-gel-processed glass. <i>Journal of Luminescence</i> , 2002 , 96, 211-218	3.8	24
131	In situ synthesis and photophysical properties of the Eu(TTA) ₃ Dipy complex in vinyltriethoxysilane-derived gel glass. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 1829-1834	3.9	24
130	A NbO type microporous metal-organic framework constructed from a naphthalene derived ligand for CH ₄ and C ₂ H ₂ storage at room temperature. <i>RSC Advances</i> , 2014 , 4, 49457-49461	3.7	23
129	Assembly and tunable luminescence of lanthanide-organic frameworks constructed from 4-(3,5-dicarboxyphenyl)pyridine-2,6-dicarboxylate ligand. <i>Journal of Alloys and Compounds</i> , 2013 , 551, 616-620	5.7	23
128	A series of multifunctional coordination polymers based on terpyridine and zinc halide: second-harmonic generation and two-photon absorption properties and intracellular imaging. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5458-5463	7.3	22
127	Ratiometric near infrared luminescent thermometer based on lanthanide metal-organic frameworks. <i>Journal of Solid State Chemistry</i> , 2016 , 241, 99-104	3.3	22
126	Current Status of Microporous Metal-Organic Frameworks for Hydrocarbon Separations. <i>Topics in Current Chemistry</i> , 2019 , 377, 33	7.2	22

125	Electrochemical detection of trace heavy metal ions using a Ln-MOF modified glass carbon electrode. <i>Journal of Solid State Chemistry</i> , 2020 , 281, 121032	3.3	22
124	A Two-Dimensional Metal-Organic Framework as a Fluorescent Probe for Ascorbic Acid Sensing. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 173-177	2.3	22
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122	Microporous metal-organic frameworks with suitable pore spaces for acetylene storage and purification. <i>Microporous and Mesoporous Materials</i> , 2015 , 215, 109-115	5.3	21
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