

Guodong Qian

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Immobilization of Lewis Basic Sites into a Stable Ethane-Selective MOF Enabling One-Step Separation of Ethylene from a Ternary Mixture.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	11
267	Robust and Radiation-Resistant Hofmann-Type Metal-Organic Frameworks for Record Xenon/Krypton Separation.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	11
266	Immobilization of Lewis Basic Nitrogen Sites into a Chemically Stable Metal-Organic Framework for Benchmark Water-Sorption-Driven Heat Allocations.. <i>Advanced Science</i> , 2022 , e2105556	13.6	2
265	Boosting Hydrogen Evolution through the Interface Effects of Amorphous NiMoO-MoO and Crystalline Cu.. <i>ACS Omega</i> , 2022 , 7, 2244-2251	3.9	0
264	An adenosine triphosphate-responsive metal-organic framework decorated with palladium nanosheets for synergistic tri-modal therapy. <i>CrystEngComm</i> , 2022 , 24, 2558-2566	3.3	
263	Stable and wide-wavelength tunable luminescence of CsPbX ₃ nanocrystals encapsulated in metal-organic frameworks. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 5550-5558	7.1	3
262	Cationic Metal-Organic Framework-Based Mixed-Matrix Membranes for Fast Sensing and Removal of CrO Within Water.. <i>Frontiers in Chemistry</i> , 2022 , 10, 852402	5	1
261	Polarized Laser Switching with Giant Contrast in MOF-Based Mixed-Matrix Membrane.. <i>Advanced Science</i> , 2022 , e2200953	13.6	2
260	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
259	A Novel Hydrogen-Bonded Organic Framework with Highly Permanent Porosity for Boosting Ethane/Ethylene Separation 2021 , 3, 497-503		15
258	A Rod-Packing Hydrogen-Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. <i>Angewandte Chemie</i> , 2021 , 133, 10392-10398	3.6	14
257	Chemically Stable Hafnium-Based Metal-Organic Framework for Highly Efficient CH ₄ /C ₂ H ₂ Separation under Humid Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18792-18799	9.5	18
256	Benchmark C ₂ H ₂ /CO ₂ Separation in an Ultra-Microporous Metal-Organic Framework via Copper(I)-Alkynyl Chemistry. <i>Angewandte Chemie</i> , 2021 , 133, 16131-16138	3.6	10
255	Cu ²⁺ -Guided Construction of the Amorphous CoMoO ₃ /Cu Nanocomposite for Highly Efficient Water Electrolysis. <i>ACS Applied Energy Materials</i> , 2021 , 4, 6740-6748	6.1	3
254	Benchmark C ₂ H ₂ /CO ₂ 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
253	Nonlinear optical metal-organic frameworks for ratiometric temperature sensing in physiological range. <i>Chinese Chemical Letters</i> , 2021 , 32, 1511-1514	8.1	8
252	Designed construction of hierarchical CoOOH@CoFeOOH double-shelled arrays as superior water oxidation electrocatalyst. <i>Journal of Solid State Chemistry</i> , 2021 , 294, 121867	3.3	7

251	Boosting hydrogen generation by anodic oxidation of iodide over NiCo(OH) ₂ nanosheet arrays. <i>Nanoscale Advances</i> , 2021 , 3, 604-610	5.1	5
250	Tunable nonlinear optical responses based on host-guest MOF hybrid materials. <i>Science China Materials</i> , 2021 , 64, 698-705	7.1	7
249	Structural Variation and Switchable Nonlinear Optical Behavior of Metal-Organic Frameworks. <i>Small</i> , 2021 , 17, e2006649	11	11
248	A novel anion-pillared metal-organic framework for highly efficient separation of acetylene from ethylene and carbon dioxide. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 9248-9255	13	12
247	Efficient CO ₂ /CO separation in a stable microporous hydrogen-bonded organic framework. <i>Chemical Communications</i> , 2021 , 57, 10051-10054	5.8	1
246	An MOF-Based Luminescent Sensor Array for Pattern Recognition and Quantification of Metal Ions. <i>Advanced Optical Materials</i> , 2021 , 9, 2002180	8.1	8
245	Dyes Encapsulated Nanoscale Metal-Organic Frameworks for Multimode Temperature Sensing with High Spatial Resolution 2021 , 3, 1426-1432		12
244	Dense Packing of Acetylene in a Stable and Low-Cost Metal-Organic Framework for Efficient C ₂ H ₂ /CO Separation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25068-25074	16.4	22
243	Highly Efficient Encapsulation of Doxorubicin Hydrochloride in Metal-Organic Frameworks for Synergistic Chemotherapy and Chemodynamic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 4999-5006	5.5	4
242	Lanthanide doped fluorosilicate glass-ceramics: A review on experimental and theoretical progresses. <i>Journal of Rare Earths</i> , 2021 , 40, 169-169	3.7	0
241	Sacrificial Reagent Free Photocatalytic Oxygen Evolution over CeF ₃ /FeOOH Nanohybrid. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2101161	4.6	1
240	Engineering Different Reaction Centers on Hierarchical Ni/NiFe Layered Double Hydroxide Accelerating Overall Water Splitting. <i>ACS Applied Energy Materials</i> , 2021 , 4, 9858-9865	6.1	0
239	Luminescent Metal-Organic Frameworks for White LEDs. <i>Advanced Optical Materials</i> , 2020 , 2001817	8.1	30
238	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
237	Ca ²⁺ /Sr ²⁺ /Ba ²⁺ dependent phase separation, nanocrystallization and photoluminescence in fluoroaluminosilicate glass. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 5796-5807	3.8	8
236	A fluorometric metal-organic framework oxygen sensor: from sensitive powder to portable optical fiber device. <i>Microporous and Mesoporous Materials</i> , 2020 , 305, 110396	5.3	15
235	A metal-organic frameworks@ carbon nanotubes based electrochemical sensor for highly sensitive and selective determination of ascorbic acid. <i>Journal of Molecular Structure</i> , 2020 , 1209, 127986	3.4	16
234	Controlled dye release from a metal-organic framework: a new luminescent sensor for water.. <i>RSC Advances</i> , 2020 , 10, 2722-2726	3.7	5

233	Nano Anatase TiO Quasi-Core-Shell Homophase Junction Induced by a Ti Concentration Difference for Highly Efficient Hydrogen Evolution. <i>Inorganic Chemistry</i> , 2020 , 59, 3330-3339	5.1	2
232	Visible-NIR Photodetectors Based on Low-Dimensional GeSe Micro-Crystals: Designed Morphology and Improved Photoresponsivity. <i>ChemPhysChem</i> , 2020 , 21, 397-405	3.2	4
231	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
230	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
229	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
228	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
227	Switchable Two-Photon Pumped Polarized Lasing Performance in Composition-Graded MOFs Based Heterostructures. <i>Advanced Optical Materials</i> , 2020 , 8, 2001089	8.1	6
226	Lanthanide metal-organic frameworks with nitrogen functional sites for the highly selective and sensitive detection of NADPH. <i>Chemical Communications</i> , 2020 , 56, 10851-10854	5.8	10
225	Polyurethane-coated luminescent dye@MOF composites for highly-stable white LEDs. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 12308-12313	7.1	21
224	Controllable broadband multicolour single-mode polarized laser in a dye-assembled homoepitaxial MOF microcrystal. <i>Light: Science and Applications</i> , 2020 , 9, 138	16.7	18
223	Temperature dependent molecular fluorescence of [Ag] quantum clusters stabilized by phosphate glass networks. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 21307-21316	3.6	2
222	Energy Transfer in Metal-Organic Frameworks and Its Applications. <i>Small Structures</i> , 2020 , 1, 2000019	8.7	13
221	Hyper oxygen incorporation in CeF: a new intermediate-band photocatalyst for antibiotic degradation under visible/NIR light.. <i>RSC Advances</i> , 2020 , 10, 38798-38804	3.7	4
220	Tailoring the pore geometry and chemistry in microporous metal-organic frameworks for high methane storage working capacity. <i>Chemical Communications</i> , 2019 , 55, 11402-11405	5.8	7
219	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
218	A luminescent terbium metal-organic framework for highly sensitive and selective detection of uric acid in aqueous media. <i>Journal of Solid State Chemistry</i> , 2019 , 272, 55-61	3.3	11
217	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
216	A fluorinated Zr-based MOF of high porosity for high CH ₄ storage. <i>Journal of Solid State Chemistry</i> , 2019 , 277, 139-142	3.3	18

215	A new metal-organic framework with suitable pore size and ttd-type topology revealing highly selective adsorption and separation of organic dyes. <i>Journal of Solid State Chemistry</i> , 2019 , 277, 159-162	3.3	16
214	Dual-band simultaneous lasing in MOFs single crystals with Fabry-Perot microcavities. <i>Science China Chemistry</i> , 2019 , 62, 987-993	7.9	12
213	An inner light integrated metal-organic framework photodynamic therapy system for effective elimination of deep-seated tumor cells. <i>Journal of Solid State Chemistry</i> , 2019 , 276, 205-209	3.3	11
212	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
211	Multivariable Sieving and Hierarchical Recognition for Organic Toxics in Nonhomogeneous Channel of MOFs. <i>CheM</i> , 2019 , 5, 1337-1350	16.2	37
210	Stabilization of Fluorescent [Agm] ⁿ⁺ Quantum Clusters in Multiphase Inorganic Glass-Ceramics for White LEDs. <i>ACS Applied Nano Materials</i> , 2019 , 2, 2854-2863	5.6	17
209	MOF-Based Organic Microlasers. <i>Advanced Optical Materials</i> , 2019 , 7, 1900077	8.1	29
208	Structural Origins of RF/NaRF Nanocrystal Precipitation from Phase-Separated SiO-AlO-RF-NaF Glasses: A Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 3024-3032	3.4	12
207	Near-infrared-emissive metal-organic frameworks. <i>Dalton Transactions</i> , 2019 , 48, 6669-6675	4.3	18
206	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
205	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
204	Post-modified metal-organic framework as a turn-on fluorescent probe for potential diagnosis of neurological diseases. <i>Microporous and Mesoporous Materials</i> , 2019 , 288, 109610	5.3	18
203	A structure model for phase separated fluoroaluminosilicate glass system by molecular dynamic simulations. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 5018-5029	6	14
202	Single Crystal Perovskite Microplate for High-Order Multiphoton Excitation. <i>Small Methods</i> , 2019 , 3, 1900396	3.6	9
201	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
200	Structural Origins of BaF ₂ /Ba _{1-x} R _x F ₂ + x/RF ₃ Nanocrystals Formation from Phase Separated Fluoroaluminosilicate Glass: A Molecular Dynamic Simulation Study. <i>Advanced Theory and Simulations</i> , 2019 , 2, 1900062	3.5	4
199	Enhancing Oxygen Evolution Reaction through Modulating Electronic Structure of Trimetallic Electrocatalysts Derived from Metal-Organic Frameworks. <i>Small</i> , 2019 , 15, e1901940	11	127
198	Current Status of Microporous Metal-Organic Frameworks for Hydrocarbon Separations. <i>Topics in Current Chemistry</i> , 2019 , 377, 33	7.2	22

197	Phase and morphology evolution of luminescent NaLnF ₄ (Ln = La to Yb) micro-crystals: understanding the ionic radii and surface energy-dependent solution growth mechanism. <i>CrystEngComm</i> , 2019 , 21, 6652-6658	3.3	7
196	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
195	Micron-Scale Photodetectors Based on One-Dimensional Single-Crystalline Sb ₂ S ₃ Nanorods: Simultaneously Improving Responsivity and Extending Spectral Response Region. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 810-816	3.8	7
194	A turn-on MOF-based luminescent sensor for highly selective detection of glutathione. <i>Journal of Solid State Chemistry</i> , 2019 , 270, 317-323	3.3	19
193	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
192	Confinement of Perovskite-QDs within a Single MOF Crystal for Significantly Enhanced Multiphoton Excited Luminescence. <i>Advanced Materials</i> , 2019 , 31, e1806897	24	79
191	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
190	Broadband Extrinsic Self-Trapped Exciton Emission in Sn-Doped 2D Lead-Halide Perovskites. <i>Advanced Materials</i> , 2019 , 31, e1806385	24	94
189	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
188	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
187	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
186	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
185	A Biocompatible Ti-based metal-organic framework for pH responsive drug delivery. <i>Materials Letters</i> , 2018 , 225, 142-144	3.3	16
184	Dye confined in metal-organic framework for two-photon fluorescent temperature sensing. <i>Microporous and Mesoporous Materials</i> , 2018 , 268, 202-206	5.3	16
183	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
182	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
181	Porous metal-organic frameworks for fuel storage. <i>Coordination Chemistry Reviews</i> , 2018 , 373, 167-198	23.2	169
180	Flexible Metal-Organic Framework-Based Mixed-Matrix Membranes: A New Platform for H ₂ S ₂ Sensors. <i>Small</i> , 2018 , 14, e1801563	11	57

179	Photonic functional metal-organic frameworks. <i>Chemical Society Reviews</i> , 2018 , 47, 5740-5785	58.5	373
178	A Zn based anionic metal-organic framework for trace Hg ²⁺ ion detection. <i>Journal of Solid State Chemistry</i> , 2018 , 266, 70-73	3.3	13
177	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
176	Solvent-Triggered Reversible Phase Changes in Two Manganese-Based Metal-Organic Frameworks and Associated Sensing Events. <i>Chemistry - A European Journal</i> , 2018 , 24, 13231-13237	4.8	11
175	Rational Designed Metal-Organic Frameworks for Storage and Separation of Hydrogen and Methane. <i>Current Organic Chemistry</i> , 2018 , 22, 1792-1808	1.7	3
174	A Eu/Gd-mixed metal-organic framework for ultrasensitive physiological temperature sensing. <i>Chinese Chemical Letters</i> , 2018 , 29, 861-864	8.1	17
173	A highly sensitive luminescent metal-organic framework thermometer for physiological temperature sensing. <i>Journal of Rare Earths</i> , 2018 , 36, 561-566	3.7	19
172	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
171	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
170	Synthesis, structure and temperature sensing of a lanthanide-organic framework constructed from a pyridine-containing tetracarboxylic acid ligand. <i>CrystEngComm</i> , 2018 , 20, 7395-7400	3.3	16
169	Stabilization of divalent Eu in fluorosilicate glass-ceramics lattice site substitution.. <i>RSC Advances</i> , 2018 , 8, 34536-34542	3.7	5
168	Reticular Chemistry of Multifunctional Metal-Organic Framework Materials. <i>Israel Journal of Chemistry</i> , 2018 , 58, 949-961	3.4	16
167	Cryogenic Luminescent Tb/Eu-MOF Thermometer Based on a Fluorine-Modified Tetracarboxylate Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 12596-12602	5.1	60
166	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
165	Multi-phase glass-ceramics containing CaF ₂ : Er ³⁺ and ZnAl ₂ O ₄ :Cr ³⁺ nanocrystals for optical temperature sensing. <i>Journal of the American Ceramic Society</i> , 2018 , 102, 2472	3.8	7
164	Chemical Sensing: Flexible Metal-Organic Framework-Based Mixed-Matrix Membranes: A New Platform for H ₂ S Sensors (Small 37/2018). <i>Small</i> , 2018 , 14, 1870168	11	6
163	Microporous metal-organic framework with open Cu ²⁺ functional sites and optimized pore size for C ₂ H ₂ storage and CH ₄ purification. <i>Polyhedron</i> , 2018 , 155, 332-336	2.7	6
162	Phase separation strategy to facilely form fluorescent [Ag]/[Ag] quantum clusters in boro-alumino-silicate multiphase glasses. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 23942-23947	3.6	12

161	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
160	Disorder modification and photocatalytic activity enhancement of TiO ₂ nanocrystals through ultrasonic hydroxylation. <i>Journal of Alloys and Compounds</i> , 2017 , 703, 96-102	5.7	9
159	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
158	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
157	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
156	An amino-coordination metal-organic framework for highly selective C ₂ H ₂ /CH ₄ and C ₂ H ₂ /C ₂ H ₄ separations through the appropriate control of window sizes. <i>RSC Advances</i> , 2017 , 7, 20795-20800	3.7	14
155	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
154	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
153	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
152	A New Microporous Metal-Organic Framework for Highly Selective C ₂ H ₂ /CH ₄ and C ₂ H ₂ /CO ₂ Separation at Room Temperature. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1289-1293	4.9	4
151	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
150	A novel NbO-type metal-organic framework for highly separation of methane from C ₂ -hydrocarbon at room temperature. <i>Materials Letters</i> , 2017 , 196, 112-114	3.3	14
149	Ultrasonic-induced disorder engineering on ZnO, ZrO ₂ , Fe ₂ O ₃ and SnO ₂ nanocrystals. <i>RSC Advances</i> , 2017 , 7, 18785-18792	3.7	16
148	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
147	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
146	A Eu/Tb-mixed MOF for luminescent high-temperature sensing. <i>Journal of Solid State Chemistry</i> , 2017 , 246, 341-345	3.3	70
145	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
144	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

143	A novel Zn-based heterocycle metal-organic framework for high C ₂ H ₂ /C ₂ H ₄ , CO ₂ /CH ₄ and CO ₂ /N ₂ separations. <i>Journal of Solid State Chemistry</i> , 2017 , 255, 102-107	3.3	12
142	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
141	An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. <i>Advanced Materials</i> , 2017 , 29, 1704210	24	213
140	A Two-Photon Luminescent Dye-Loaded Metal-Organic Framework for Physiological Temperature Sensing within Biological Windows. <i>ChemPlusChem</i> , 2017 , 82, 1320-1325	2.8	12
139	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
138	Encapsulation of dyes in metal-organic frameworks and their tunable nonlinear optical properties. <i>Dalton Transactions</i> , 2016 , 45, 4218-23	4.3	36
137	Design and preparation of hybrid films containing three-branched chromophores for nonlinear optical applications. <i>RSC Advances</i> , 2016 , 6, 81969-81975	3.7	7
136	Enhanced photocatalytic performance and morphology evolution of PbWO ₄ dendritic nanostructures through Eu ³⁺ doping. <i>RSC Advances</i> , 2016 , 6, 81447-81453	3.7	9
135	Emerging Multifunctional Metal-Organic Framework Materials. <i>Advanced Materials</i> , 2016 , 28, 8819-8860	24	955
134	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
133	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
132	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
131	Doubly Interpenetrated Metal-Organic Framework for Highly Selective C ₂ H ₂ /CH ₄ and C ₂ H ₂ /CO ₂ Separation at Room Temperature. <i>Crystal Growth and Design</i> , 2016 , 16, 7194-7197	3.5	65
130	A dye encapsulated terbium-based metal-organic framework for ratiometric temperature sensing. <i>Dalton Transactions</i> , 2016 , 45, 18689-18695	4.3	48
129	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
128	Polarized three-photon-pumped laser in a single MOF microcrystal. <i>Nature Communications</i> , 2016 , 7, 11087	17.4	129
127	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
126	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

125	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
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