Jing Li

List of Publications by Year in descending order

		2215	2953
453	41,425	99	189
papers	citations	h-index	g-index

500	500	500	24837
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	R-isophthalic Acid-based Coordination Polymers (R = Hydrogen or Bromine). Chimia, 2022, 67, 393.	0.6	4
2	Large scale synthesis and propylene purification by a high-performance MOF sorbent Y-abtc. Separation and Purification Technology, 2022, 282, 120010.	7.9	12
3	Achieving a blue-excitable yellow-emitting Ca-LMOF phosphor via water induced phase transformation. Chemical Science, 2022, 13, 1375-1381.	7.4	2
4	A Microporous Metalâ€“Organic Framework Incorporating Both Primary and Secondary Building Units for Splitting Alkane Isomers. Journal of the American Chemical Society, 2022, 144, 3766-3770.	13.7	36
5	Metalâ€“organic frameworks with ftw-type connectivity: design, pore structure engineering, and potential applications. CrystEngComm, 2022, 24, 2189-2200.	2.6	5
6	A Tetrathiafulvalene/Naphthalene Diimide-Containing Metalâ€“Organic Framework with fsc Topology for Highly Efficient Near-Infrared Photothermal Conversion. Inorganic Chemistry, 2022, 61, 3078-3085.	4.0	13
7	A Benzothiadiazole-Based Eu³⁺ Metalâ€“Organic Framework as the Turn-On Luminescent Sensor toward Al³⁺ and Ga³⁺ with Potential Bioimaging Application. Inorganic Chemistry, 2022, 61, 3607-3615.	4.0	61
8	Decoding the Gate Opening Mechanism of the Flexible Framework RPM3â€“Zn upon Hydrocarbon Inclusion. Chemistry of Materials, 2022, 34, 3246-3252.	6.7	3
9	Balancing uptake and selectivity in a copper-based metalâ€“organic framework for xenon and krypton separation. Separation and Purification Technology, 2022, 291, 120932.	7.9	9
10	Full-Color Emission in Multicomponent Metalâ€“Organic Frameworks via Linker Installation. Inorganic Chemistry, 2022, 61, 3363-3367.	4.0	9
11	Metalâ€“Organic Framework Based Hydrogen-Bonding Nanotrap for Efficient Acetylene Storage and Separation. Journal of the American Chemical Society, 2022, 144, 1681-1689.	13.7	172
12	Metal-organic frameworks as effective sensors and scavengers for toxic environmental pollutants. National Science Review, 2022, 9, .	9.5	35
13	Adsorption and Release of 1-Methylcyclopropene by Metalâ€“Organic Frameworks for Fruit Preservation. , 2022, 4, 1053-1057.		8
14	Customized Synthesis: Solvent- and Acid-Assisted Topology Evolution in Zirconium-Tetracarboxylate Frameworks. Inorganic Chemistry, 2022, 61, 7980-7988.	4.0	13
15	Separation of naphtha on a series of ultramicroporous MOFs: A comparative study with zeolites. Separation and Purification Technology, 2022, 294, 121219.	7.9	12
16	A {Zn4} cluster as a bi-functional luminescence sensor for highly sensitive detection of chloride ions and histidine in aqueous media. Journal of Materials Chemistry C, 2022, 10, 8979-8993.	5.5	14
17	A Water-Resistant Hydrogen-Bonded Organic Framework for Ethane/Ethylene Separation in Humid Environments. , 2022, 4, 1227-1232.		33
18	Building an emission library of donorâ€“acceptorâ€“donor type linker-based luminescent metalâ€“organic frameworks. Chemical Science, 2022, 13, 8036-8044.	7.4	15

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19	CO₂ Capture by Hybrid Ultramicroporous TIFSIXâ€3â€Ni under Humid Conditions Using Nonâ€Equilibrium Cycling. Angewandte Chemie - International Edition, 2022, 61, .	13.8	17
20	New Approach toward Dual-Emissive Organicâ€“Inorganic Hybrids by Integrating Mn(II) and Cu(I) Emission Centers in Ionic Crystals. ACS Applied Materials & Interfaces, 2022, 14, 31000-31009.	8.0	11
21	Discrimination of xylene isomers in a stacked coordination polymer. Science, 2022, 377, 335-339.	12.6	94
22	Engineering bidirectional CMC-foam-supported HKUST-1@graphdiyne with enhanced heat/mass transfer for the highly efficient adsorption and regeneration of acetaldehyde. Journal of Materials Chemistry A, 2021, 9, 4066-4074.	10.3	23
23	Calciumâ€Based Metalâ€“Organic Frameworks and Their Potential Applications. Small, 2021, 17, e2005165.	10.0	30
24	Tuning the excited-state intramolecular proton transfer (ESIPT)-based luminescence of metalâ€“organic frameworks by metal nodes toward versatile photoluminescent applications. Dalton Transactions, 2021, 50, 6901-6912.	3.3	22
25	Separation of alkane and alkene mixtures by metalâ€“organic frameworks. Journal of Materials Chemistry A, 2021, 9, 20874-20896.	10.3	54
26	All-in-one: a new approach toward robust and solution-processable copper halide hybrid semiconductors by integrating covalent, coordinate and ionic bonds in their structures. Chemical Science, 2021, 12, 3805-3817.	7.4	40
27	An antimony based organicâ€“inorganic hybrid coating material with high quantum efficiency and thermal quenching effect. Chemical Communications, 2021, 57, 1754-1757.	4.1	18
28	Nanocage-Based N-Rich Metalâ€“Organic Framework for Luminescence Sensing toward Fe³⁺ and Cu²⁺ Ions. Inorganic Chemistry, 2021, 60, 671-681.	4.0	97
29	Highâ€Efficiency Separation ofnâ€Hexane by a Dynamic Metalâ€Organic Framework with Reduced Energy Consumption. Angewandte Chemie - International Edition, 2021, 60, 10593-10597.	13.8	42
30	Highâ€Efficiency Separation ofnâ€Hexane by a Dynamic Metalâ€Organic Framework with Reduced Energy Consumption. Angewandte Chemie, 2021, 133, 10687-10691.	2.0	10
31	Fluorescent Detection of Carbon Disulfide by a Highly Emissive and Robust Isoreticular Series of Zr-Based Luminescent Metal Organic Frameworks (LMOFs). Chemistry, 2021, 3, 327-337.	2.2	11
32	Facile synthesis of Fe3O4@MIL-100(Fe) towards enhancing photo-Fenton like degradation of levofloxacin via a synergistic effect between Fe3O4 and MIL-100(Fe). Chemical Engineering Journal, 2021, 409, 128274.	12.7	130
33	Ultrastable Zirconium-Based Cationic Metalâ€“Organic Frameworks for Perrhenate Removal from Wastewater. Inorganic Chemistry, 2021, 60, 11730-11738.	4.0	22
34	Defect Termination in the UiO-66 Family of Metalâ€“Organic Frameworks: The Role of Water and Modulator. Journal of the American Chemical Society, 2021, 143, 6328-6332.	13.7	74
35	Portable smartphone platform integrated with fluorescent test strip based on Eu3+-functionalized copper nanoclusters for on-site visual recognition of a pathogenic biomarker. Sensors and Actuators B: Chemical, 2021, 332, 129495.	7.8	26
36	IIâ€“VI Organicâ€“Inorganic Hybrid Nanostructures with Greatly Enhanced Optoelectronic Properties, Perfectly Ordered Structures, and Shelf Stability of Over 15 Years. ACS Nano, 2021, 15, 10565-10576.	14.6	9

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37	Tuning Chromophore-Based LMOF Dimensionality to Enhance Detection Sensitivity for Fe³⁺ Ions. ACS Omega, 2021, 6, 16498-16506.	3.5	10
38	Two-Dimensional Copper Iodide-Based Inorganicâ€“Organic Hybrid Semiconductors: Synthesis, Structures, and Optical and Transport Properties. Chemistry of Materials, 2021, 33, 5317-5325.	6.7	26
39	A New Type of Hybrid Copper Iodide as Nontoxic and Ultrastable LED Emissive Layer Material. ACS Energy Letters, 2021, 6, 2565-2574.	17.4	46
40	Linker Engineering toward Full-Color Emission of UiO-68 Type Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2021, 143, 10547-10552.	13.7	54
41	Upgrading Octane Number of Naphtha by a Robust and Easily Attainable Metalâ€Organic Framework through Selective Molecular Sieving of Alkane Isomers. Chemistry - A European Journal, 2021, 27, 11795-11798.	3.3	20
42	Flexible Zn-MOF with Rare Underlying scu Topology for Effective Separation of C6 Alkane Isomers. ACS Applied Materials & Interfaces, 2021, 13, 51997-52005.	8.0	22
43	Tuning and Directing Energy Transfer in the Whole Visible Spectrum through Linker Installation in Metalâ€“Organic Frameworks. Angewandte Chemie, 2021, 133, 25252-25258.	2.0	5
44	Tuning the Adsorption Properties of Metalâ€“Organic Frameworks through Coadsorbed Ammonia. ACS Applied Materials & Interfaces, 2021, 13, 43661-43667.	8.0	6
45	Tuning and Directing Energy Transfer in the Whole Visible Spectrum through Linker Installation in Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 25048-25054.	13.8	39
46	A switchable sensor and scavenger: detection and removal of fluorinated chemical species by a luminescent metalâ€“organic framework. Chemical Science, 2021, 12, 14189-14197.	7.4	26
47	Fluorescent sensors for aldehydes based on luminescent metalâ€“organic frameworks. Dalton Transactions, 2021, 50, 7166-7175.	3.3	26
48	Copper(I) iodide-based organicâ€“inorganic hybrid compounds as phosphor materials. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 759-764.	0.7	6
49	A Cd-MOF fluorescence sensor with dual functional sites for efficient detection of metal ions in multifarious water environments. CrystEngComm, 2021, 23, 8392-8403.	2.6	20
50	Efficient separation of xylene isomers by using a robust calcium-based metalâ€“organic framework through a synergetic thermodynamically and kinetically controlled mechanism. Journal of Materials Chemistry A, 2021, 9, 26202-26207.	10.3	7
51	Three Robust Blue-Emitting Anionic Metalâ€“Organic Frameworks with High Stability and Good Proton Conductivities. Inorganic Chemistry, 2021, 60, 17926-17932.	4.0	15
52	Pore Distortion in a Metalâ€“Organic Framework for Regulated Separation of Propane and Propylene. Journal of the American Chemical Society, 2021, 143, 19300-19305.	13.7	72
53	Chromism of three coordination polymers based on 1-(2-carboxyethyl)-4,4â€²-bipyridinium ligand. Dyes and Pigments, 2020, 172, 107792.	3.7	9
54	Strongly emissive white-light-emitting silver iodide based inorganicâ€“organic hybrid structures with comparable quantum efficiency to commercial phosphors. Chemical Communications, 2020, 56, 1481-1484.	4.1	20

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55	Rational design of a high-efficiency, multivariate metalâ€“organic framework phosphor for white LED bulbs. Chemical Science, 2020, 11, 1814-1824.	7.4	43
56	A self-calibrating dual responsive platform for the sensitive detection of sulfite and sulfonic derivatives based on a robust Hf(<scp>iv</scp>) metalâ€“organic framework. Chemical Communications, 2020, 56, 631-634.	4.1	16
57	Crystalline Al₂O₃ modified porous poly(aryl ether ketone) (PAEK) composite separators for high performance lithium-ion batteries via an electrospinning technique. CrystEngComm, 2020, 22, 1577-1585.	2.6	7
58	Enhanced hydrogen storage/sensing of metal hydrides by nanomodification. Materials Today Nano, 2020, 9, 100071.	4.6	58
59	Photoresponsive characteristics of five Dâ€“A supramolecular assemblies derived from benzenecarboxylate donors and viologen acceptors. Dyes and Pigments, 2020, 174, 108101.	3.7	8
60	A new photochromic Gd-MOF with photoswitchable bluish-white to greenish-yellow emission based on electron transfer. Chemical Communications, 2020, 56, 14689-14692.	4.1	36
61	Blue-shifted aggregation-induced enhancement of a Sn(iv) fluoride complex: the role of fluorine in luminescence enhancement. Chemical Communications, 2020, 56, 9648-9650.	4.1	4
62	Family of Robust and Strongly Luminescent CuI-Based Hybrid Networks Made of Ionic and Dative Bonds. Chemistry of Materials, 2020, 32, 10708-10718.	6.7	49
63	Eco-friendly, solution-processable and efficient low-energy lighting phosphors: copper halide based hybrid semiconductors Cu₄X₆(L)₂(X = Br, I) composed of covalent, ionic and coordinate bonds. Journal of Materials Chemistry C, 2020, 8, 16790-16797.	5.5	24
64	Crystallizing Atomic Xenon in a Flexible MOF to Probe and Understand Its Temperature-Dependent Breathing Behavior and Unusual Gas Adsorption Phenomenon. Journal of the American Chemical Society, 2020, 142, 20088-20097.	13.7	62
65	Functionalizing Luminescent Metalâ€“Organic Frameworks for Enhanced Photoluminescence. ACS Energy Letters, 2020, 5, 2671-2680.	17.4	58
66	Functional metalâ€“organic frameworks as effective sensors of gases and volatile compounds. Chemical Society Reviews, 2020, 49, 6364-6401.	38.1	784
67	Porous Ti-MOF-74 Framework as a Strong-Binding Nitric Oxide Scavenger. Journal of the American Chemical Society, 2020, 142, 16562-16568.	13.7	27
68	Enhanced fluorescence by increasing dimensionality: a novel three-dimensional luminescent metalâ€“organic framework with rigidified ligands. CrystEngComm, 2020, 22, 5946-5948.	2.6	6
69	The Best of Both Worlds: An MOP/COF-Based Hybrid Material for Highly Selective and Very Fast Sequestration of Toxic Oxoanions from Water. ACS Central Science, 2020, 6, 1476-1478.	11.3	4
70	A robust and multifunctional calcium coordination polymer as a selective fluorescent sensor for acetone and iron (+3) and as a tunable proton conductor. Journal of Materials Chemistry C, 2020, 8, 16784-16789.	5.5	18
71	Zero-dimensional ionic antimony halide inorganicâ€“organic hybrid with strong greenish yellow emission. Journal of Materials Chemistry C, 2020, 8, 7300-7303.	5.5	35
72	Building a robust 3D Ca-MOF by a new square Ca₄O SBU for purification of natural gas. Dalton Transactions, 2020, 49, 8836-8840.	3.3	19

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73	Thermally Activated Adsorption in Metalâ€“Organic Frameworks with a Temperatureâ€Tunable Diffusion Barrier Layer. Angewandte Chemie - International Edition, 2020, 59, 18468-18472.	13.8	8
74	Separation of ethane and ethylene by a robust ethane-selective calcium-based metalâ€“organic framework. New Journal of Chemistry, 2020, 44, 11933-11936.	2.8	11
75	Luminescence investigation of lanthanum ions (Eu3+ or Tb3+) doped SrLaGa3O7 fluorescent powders. Optical Materials, 2020, 107, 110010.	3.6	34
76	Thermally Activated Adsorption in Metalâ€“Organic Frameworks with a Temperatureâ€Tunable Diffusion Barrier Layer. Angewandte Chemie, 2020, 132, 18626-18630.	2.0	0
77	Adsorption of Fluorocarbons and Chlorocarbons by Highly Porous and Robust Fluorinated Zirconium Metalâ€“Organic Frameworks. Inorganic Chemistry, 2020, 59, 4167-4171.	4.0	23
78	Splitting Mono- and Dibranched Alkane Isomers by a Robust Aluminum-Based Metalâ€“Organic Framework Material with Optimal Pore Dimensions. Journal of the American Chemical Society, 2020, 142, 6925-6929.	13.7	60
79	Designer Metalâ€“Organic Frameworks for Sizeâ€Exclusionâ€Based Hydrocarbon Separations: Progress and Challenges. Advanced Materials, 2020, 32, e2002603.	21.0	182
80	UV and X-ray dual photochromic properties of three CPs based on a new viologen ligand. Dyes and Pigments, 2020, 177, 108276.	3.7	17
81	Blending Ionic and Coordinate Bonds in Hybrid Semiconductor Materials: A General Approach toward Robust and Solution-Processable Covalent/Coordinate Network Structures. Journal of the American Chemical Society, 2020, 142, 4242-4253.	13.7	72
82	Metal-dependent chromic properties of three isostructural 1D coordination polymers based on 1-(2-carboxyethyl)-4,4â€²-bipyridinium ligand. Dyes and Pigments, 2020, 177, 108266.	3.7	12
83	Robust fluorescent calcium coordination polymers as Cu²⁺ sensors with high sensitivity and fast response. Journal of Materials Chemistry C, 2020, 8, 6820-6825.	5.5	30
84	Encapsulation of yellow phosphors into nanocrystalline metalâ€“organic frameworks for blue-excitable white light emission. Chemical Communications, 2019, 55, 10669-10672.	4.1	32
85	Three Models To Encapsulate Multicomponent Dyes into Nanocrystal Pores: A New Strategy for Generating High-Quality White Light. Journal of the American Chemical Society, 2019, 141, 14807-14813.	13.7	116
86	Effect of counter cations on the photochromic behaviors of three Znâ€“viologen complexes. New Journal of Chemistry, 2019, 43, 12678-12683.	2.8	5
87	High stability of ultra-small and isolated gold nanoparticles in metalâ€“organic framework materials. Journal of Materials Chemistry A, 2019, 7, 17536-17546.	10.3	41
88	Tuning the Channel Size and Structure Flexibility of Metalâ€“Organic Frameworks for the Selective Adsorption of Noble Gases. Inorganic Chemistry, 2019, 58, 15025-15028.	4.0	22
89	Strongly luminescent inorganicâ€“organic hybrid semiconductors with tunable white light emissions by doping. Journal of Materials Chemistry C, 2019, 7, 1484-1490.	5.5	30
90	Blue-Light-Excitable, Quantum Yield Enhanced, Yellow-Emitting, Zirconium-Based Metalâ€“Organic Framework Phosphors Formed by Immobilizing Organic Chromophores. Crystal Growth and Design, 2019, 19, 6850-6854.	3.0	13

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91	Structure-Driven Photoluminescence Enhancement in a Zn-Based Metalâ€“Organic Framework. Chemistry of Materials, 2019, 31, 7933-7940.	6.7	21
92	â€œInduced-Fit Suctionâ€•effect: a booster for biofuel storage and separation. Journal of Materials Chemistry A, 2019, 7, 22353-22358.	10.3	4
93	A Robust Multifunctional Eu₆-Cluster Based Framework for Gas Separation and Recognition of Small Molecules and Heavy Metal Ions. Crystal Growth and Design, 2019, 19, 6381-6387.	3.0	26
94	Magnesium based coordination polymers: Syntheses, structures, properties and applications. Coordination Chemistry Reviews, 2019, 399, 213025.	18.8	17
95	Photochromism of three supramolecular assemblies derived from benzenecarboxylate donors and viologen acceptors. Polyhedron, 2019, 161, 237-242.	2.2	9
96	Harvesting vapor by hygroscopic acid to create pore: Morphology, crystallinity and performance of poly (ether ether ketone) lithium ion battery separator. Journal of Membrane Science, 2019, 577, 1-11.	8.2	35
97	Quenching of photoluminescence in a Zn-MOF sensor by nitroaromatic molecules. Journal of Materials Chemistry C, 2019, 7, 2625-2632.	5.5	54
98	NanoPOP: Solution-Processable Fluorescent Porous Organic Polymer for Highly Sensitive, Selective, and Fast Naked Eye Detection of Mercury. ACS Applied Materials & Interfaces, 2019, 11, 27394-27401.	8.0	45
99	Luminescent inorganic-organic hybrid semiconductor materials for energy-saving lighting applications. EnergyChem, 2019, 1, 100008.	19.1	76
100	[Ba₁₃Sb₃₆Cl₃₄O₅₄]^{8â^'}: high-nuclearity cluster for the assembly of nanocluster-based compounds. Chemical Communications, 2019, 55, 7442-7445.	4.1	7
101	Photochromism of stable crystalline 3D Cd-viologen coordination polymers. Dyes and Pigments, 2019, 170, 107565.	3.7	12
102	A Robust Squarate-Based Metalâ€“Organic Framework Demonstrates Record-High Affinity and Selectivity for Xenon over Krypton. Journal of the American Chemical Society, 2019, 141, 9358-9364.	13.7	162
103	Photochromism of four 1D coordination polymers based on 1-(2-carboxyethyl)-4,4â€²-bipyridinium ligand. Dyes and Pigments, 2019, 170, 107552.	3.7	11
104	Highly efficient and very robust blue-excitable yellow phosphors built on multiple-stranded one-dimensional inorganicâ€“organic hybrid chains. Chemical Science, 2019, 10, 5363-5372.	7.4	38
105	Microporous Metalâ€“Organic Frameworks for Adsorptive Separation of C5â€“C6 Alkane Isomers. Accounts of Chemical Research, 2019, 52, 1968-1978.	15.6	160
106	Reactivity of Atomic Layer Deposition Precursors with OH/H2O-Containing Metal Organic Framework Materials. Chemistry of Materials, 2019, 31, 2286-2295.	6.7	16
107	Photochromism of supramolecular assemblies based on benzenecarboxylate donors and viologen acceptors. New Journal of Chemistry, 2019, 43, 6607-6614.	2.8	15
108	Fluorescent In based MOFs showing â€œturn onâ€•luminescence towards thiols and acting as a ratiometric fluorescence thermometer. Journal of Materials Chemistry C, 2019, 7, 3049-3055.	5.5	39

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109	Luminescent Metalâ€“Organic Framework for Lithium Harvesting Applications. ACS Sustainable Chemistry and Engineering, 2019, 7, 6561-6568.	6.7	21
110	Improving LMOF luminescence quantum yield through guest-mediated rigidification. Journal of Materials Chemistry C, 2019, 7, 14739-14744.	5.5	17
111	Mesoporous silica nanobeans dual-functionalized with AIEgens and leaning pillar[6]arene-based supramolecular switches for imaging and stimuli-responsive drug release. Chemical Communications, 2019, 55, 14099-14102.	4.1	36
112	Photochromic properties of three 2D MOFs based on 1-carboxyethyl-4,4â€²-bipyridinine. RSC Advances, 2019, 9, 33155-33162.	3.6	13
113	Construction of crystal defect sites in N-coordinated UiO-66 via mechanochemical in-situ N-doping strategy for highly selective adsorption of cationic dyes. Chemical Engineering Journal, 2019, 356, 329-340.	12.7	109
114	A new porous Ca(II)-organic framework with acylamide decorated pores for highly efficient CO2 capture. Inorganic Chemistry Communication, 2019, 99, 40-43.	3.9	8
115	General strategies for effective capture and separation of noble gases by metalâ€“organic frameworks. Dalton Transactions, 2018, 47, 4027-4031.	3.3	33
116	Climbing the Volcano of Electrocatalytic Activity while Avoiding Catalyst Corrosion: Ni₃P, a Hydrogen Evolution Electrocatalyst Stable in Both Acid and Alkali. ACS Catalysis, 2018, 8, 4408-4419.	11.2	178
117	Iron-Based Metalâ€“Organic Framework with Hydrophobic Quadrilateral Channels for Highly Selective Separation of Hexane Isomers. ACS Applied Materials & Interfaces, 2018, 10, 6031-6038.	8.0	43
118	Copper Iodide Based Hybrid Phosphors for Energyâ€Efficient General Lighting Technologies. Advanced Functional Materials, 2018, 28, 1705593.	14.9	184
119	Role of Hydrogen Bonding on Transport of Coadsorbed Gases in Metalâ€“Organic Frameworks Materials. Journal of the American Chemical Society, 2018, 140, 856-859.	13.7	26
120	Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C6 alkane isomers. Nature Communications, 2018, 9, 1745.	12.8	251
121	One-of-a-kind: a microporous metalâ€“organic framework capable of adsorptive separation of linear, mono- and di-branched alkane isomers via temperature- and adsorbate-dependent molecular sieving. Energy and Environmental Science, 2018, 11, 1226-1231.	30.8	103
122	Sensing and capture of toxic and hazardous gases and vapors by metalâ€“organic frameworks. Chemical Society Reviews, 2018, 47, 4729-4756.	38.1	530
123	Luminescent metalâ€“organic frameworks and coordination polymers as alternative phosphors for energy efficient lighting devices. Coordination Chemistry Reviews, 2018, 373, 116-147.	18.8	169
124	A CuI modified Mg-coordination polymer as a ratiometric fluorescent probe for toxic thiol molecules. Journal of Materials Chemistry C, 2018, 6, 13367-13374.	5.5	12
125	Terbium Oxalatophosphonate as Efficient Multiresponsive Luminescent Sensors for Chromate Anions and Tryptophan Molecules. ACS Omega, 2018, 3, 16735-16742.	3.5	15
126	Tailorâ€Made Microporous Metalâ€“Organic Frameworks for the Full Separation of Propane from Propylene Through Selective Size Exclusion. Advanced Materials, 2018, 30, e1805088.	21.0	241

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127	A robust two-dimensional zirconium-based luminescent coordination polymer built on a V-shaped dicarboxylate ligand for vapor phase sensing of volatile organic compounds. Chemical Communications, 2018, 54, 8088-8091.	4.1	40
128	Highly Luminescent Metalâ€“Organic Frameworks Based on an Aggregation-Induced Emission Ligand as Chemical Sensors for Nitroaromatic Compounds. Crystal Growth and Design, 2018, 18, 5166-5173.	3.0	46
129	Controlling Chemical Reactions in Confined Environments: Water Dissociation in MOF-74. Applied Sciences (Switzerland), 2018, 8, 270.	2.5	10
130	Layered Inorganic/Organic Hybrid (CdSe)_nÂ·Monoamine Nanobelts: Controllable Solvothermal Synthesis, Multiple Stage Amine De-Intercalation Transformation, and Two-Dimensional Exciton Quantum Confinement Effect. Inorganic Chemistry, 2018, 57, 10781-10790.	4.0	6
131	A dual linker metal-organic framework demonstrating ligand-based emission for the selective detection of carbon tetrachloride. Inorganica Chimica Acta, 2018, 470, 312-317.	2.4	7
132	Innovative application of metal-organic frameworks for encapsulation and controlled release of allyl isothiocyanate. Food Chemistry, 2017, 221, 926-935.	8.2	64
133	A water-stable La-based coordination polymer for highly fluorescent detection of Fe3+ ion and nitrobenzene vapor. Inorganic Chemistry Communication, 2017, 76, 77-80.	3.9	9
134	Synthesis, Structure, and Selective Gas Adsorption of a Single-Crystalline Zirconium Based Microporous Metalâ€“Organic Framework. Crystal Growth and Design, 2017, 17, 2034-2040.	3.0	24
135	Phthalocyanine supported dinuclear Ln^{III}complexes: the solvent-induced change of magnetic properties in dysprosium(<scp>iii</scp>) analogues. Dalton Transactions, 2017, 46, 3353-3362.	3.3	28
136	A mechanochemical route toward the rational, systematic, and cost-effective green synthesis of strongly luminescent copper iodide based hybrid phosphors. Journal of Materials Chemistry C, 2017, 5, 5962-5969.	5.5	42
137	Interaction of Acid Gases SO₂ and NO₂ with Coordinatively Unsaturated Metal Organic Frameworks: M-MOF-74 (M = Zn, Mg, Ni, Co). Chemistry of Materials, 2017, 29, 4227-4235.	6.7	99
138	Metalâ€“organic frameworks: functional luminescent and photonic materials for sensing applications. Chemical Society Reviews, 2017, 46, 3242-3285.	38.1	2,457
139	Solid-state NMR Studies of Hostâ€“Guest Interaction between UiO-67 and Light Alkane at Room Temperature. Journal of Physical Chemistry C, 2017, 121, 14261-14268.	3.1	25
140	All-in-One: Achieving Robust, Strongly Luminescent and Highly Dispersible Hybrid Materials by Combining Ionic and Coordinate Bonds in Molecular Crystals. Journal of the American Chemical Society, 2017, 139, 9281-9290.	13.7	146
141	Facile fabrication of 3D porous hybrid sphere by co-immobilization of multi-enzyme directly from cell lysates as an efficient and recyclable biocatalyst for asymmetric reduction with coenzyme regeneration in situ. International Journal of Biological Macromolecules, 2017, 103, 424-434.	7.5	17
142	Oxygen-selective adsorption in RPM3-Zn metal organic framework. Chemical Engineering Science, 2017, 165, 122-130.	3.8	7
143	A Systematic Approach to Achieving High Performance Hybrid Lighting Phosphors with Excellent Thermalâ€•and Photostability. Advanced Functional Materials, 2017, 27, 1603444.	14.9	125
144	Modulating Single-Molecule Magnetic Behavior of a Dinuclear Erbium(III) Complex by Solvent Exchange. Inorganic Chemistry, 2017, 56, 336-343.	4.0	47

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145	Two blue-light excitable yellow-emitting LMOF phosphors constructed by triangular tri(4-pyridylphenyl)amine. Dalton Transactions, 2017, 46, 956-961.	3.3	36
146	Nanomaterials for the optical detection of fluoride. Nanoscale, 2017, 9, 17667-17680.	5.6	39
147	New directions in gas sorption and separation with MOFs: general discussion. Faraday Discussions, 2017, 201, 175-194.	3.2	6
148	Catalysis in MOFs: general discussion. Faraday Discussions, 2017, 201, 369-394.	3.2	14
149	Capture of organic iodides from nuclear waste by metal-organic framework-based molecular traps. Nature Communications, 2017, 8, 485.	12.8	171
150	Efficient kinetic separation of propene and propane using two microporous metal organic frameworks. Chemical Communications, 2017, 53, 9332-9335.	4.1	91
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