

Xian-He Bu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Slow Phase Transition-Induced Scan Rate Dependence of Spin Crossover in a Two-Dimensional Supramolecular Fe(III) Complex. <i>CCS Chemistry</i> , 2023, 5, 412-422.	7.8	2
2	Ligand Modified and Light Switched On/Off Single-Chain Magnets of {Fe ₂ Co} Coordination Polymers via Metal-to-Metal Charge Transfer. <i>CCS Chemistry</i> , 2023, 5, 865-875.	7.8	6
3	Metal/Covalent-Organic Framework Based Cathodes for Metal-Ion Batteries. <i>Advanced Energy Materials</i> , 2022, 12, 2100172.	19.5	124
4	Energy Conversion in Single-Crystal-to-a-Single-Crystal Phase Transition Materials. <i>Advanced Energy Materials</i> , 2022, 12, 2100324.	19.5	25
5	Controlled synthesis of core-shell Fe ₂ O ₃ @N-C with ultralong cycle life for lithium-ion batteries. <i>Chinese Chemical Letters</i> , 2022, 33, 1037-1041.	9.0	21
6	Engineering carbon-coated hollow hematite spheres for stable lithium-ion batteries. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122639.	2.9	6
7	Photo Switchable Two-step Photochromism in a Series of Ln-Phosphonate(Ln=Dy, Gd, Tb, Y) Dinuclear Complexes. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 58-66.	2.6	6
8	In-situ cation exchange enhances room temperature phosphorescence of a family of metal-organic frameworks. <i>Science China Chemistry</i> , 2022, 65, 128-134.	8.2	16
9	A New Hybrid Lead-Free Metal Halide Piezoelectric for Energy Harvesting and Human Motion Sensing. <i>Small</i> , 2022, 18, e2103829.	10.0	28
10	Crystalline-State Solvent: Metal-Organic Frameworks as a Platform for Intercepting Aggregation-Caused Quenching. <i>Chinese Journal of Chemistry</i> , 2022, 40, 589-596.	4.9	9
11	A Pre-Constrained Metal Twins-Strategy to Prepare Efficient Dual-Metal-Atom Catalysts for Cooperative Oxygen Electrocatalysis. <i>Advanced Materials</i> , 2022, 34, e2107421.	21.0	134
12	Temperature-Responsive Photoluminescence and Elastic Properties of 1D Lead Halide Perovskites R- and S-(Methylbenzylamine)PbBr ₃ . <i>Molecules</i> , 2022, 27, 728.	3.8	5
13	Origin of Ferroelectricity in Two Prototypical Hybrid Organic-Inorganic Perovskites. <i>Journal of the American Chemical Society</i> , 2022, 144, 816-823.	13.7	47
14	Acetylene storage performance of [Ni(4,4'-bipyridine) ₂ (NCS) ₂] _n , a switching square lattice coordination network. <i>Chemical Communications</i> , 2022, 58, 1534-1537.	4.1	6
15	Editorial for the Special Issue: Dimensionality of Emerging Materials and Energy. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	0
16	Multifunctional Chiral 2D Lead Halide Perovskites with Circularly Polarized Photoluminescence and Piezoelectric Energy Harvesting Properties. <i>ACS Nano</i> , 2022, 16, 3221-3230.	14.6	52
17	Dynamic Full-Color Tuning of Organic Chromophore in a Multi-Stimuli-Responsive 2D Flexible MOF. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	37
18	Ligand Induced Double-Chair Conformation Ln ₁₂ Nanoclusters Showing Multifunctional Magnetic and Proton Conductive Properties. <i>Inorganic Chemistry</i> , 2022, 61, 3690-3696.	4.0	8

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19	Dynamic Full-Color Tuning of Organic Chromophore in a Multi-Stimuli-Responsive 2D Flexible MOF. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	9
20	Coordination Polymers as Heterogeneous Catalysts for Water Splitting and CO ₂ Fixation. <i>Crystal Growth and Design</i> , 2022, 22, 2043-2045.	3.0	11
21	Chemically Stable Guanidinium Covalent Organic Framework for the Efficient Capture of Low-Concentration Iodine at High Temperatures. <i>Journal of the American Chemical Society</i> , 2022, 144, 6821-6829.	13.7	89
22	Manipulating spatial alignment of donor and acceptor in host-guest MOF for TADF. <i>National Science Review</i> , 2022, 9, .	9.5	19
23	Installation of synergistic binding sites onto porous organic polymers for efficient removal of perfluorooctanoic acid. <i>Nature Communications</i> , 2022, 13, 2132.	12.8	49
24	Trace removal of benzene vapour using double-walled metal-dipyrazolate frameworks. <i>Nature Materials</i> , 2022, 21, 689-695.	27.5	109
25	Ammonium Sulfate Structure-Type Hybrid Metal Halide Ferroelectric with Giant Uniaxial Spontaneous Strain. , 2022, 4, 1168-1173.		9
26	Dangling Octahedra Enable Edge States in 2D Lead Halide Perovskites. <i>Advanced Materials</i> , 2022, 34, e2201666.	21.0	22
27	How Reproducible are Surface Areas Calculated from the BET Equation?. <i>Advanced Materials</i> , 2022, 34, .	21.0	82
28	Programmable assembly of multiple donor-acceptor systems in metal-organic framework for heterogeneity manipulation and functions integration. <i>Matter</i> , 2022, 5, 2918-2932.	10.0	10
29	Energy Level Engineering: Ru Single Atom Anchored on Mo-MOF with a [Mo ₈ O ₂₆ (im) ₂] ⁴⁺ Structure Acts as a Biomimetic Photocatalyst. <i>ACS Catalysis</i> , 2022, 12, 7960-7974.	11.2	26
30	MIL-101(Fe)-derived iron oxide/carbon anode for lithium-ion batteries: Derivation process study and performance optimization. <i>Electrochimica Acta</i> , 2022, 426, 140794.	5.2	8
31	Elastic properties related energy conversions of coordination polymers and metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2022, 470, 214692.	18.8	17
32	2D MOF-derived CoS _{1.097} nanoparticle embedded S-doped porous carbon nanosheets for high performance sodium storage. <i>Chemical Engineering Journal</i> , 2021, 405, 126638.	12.7	21
33	Metal-organic materials with triazine-based ligands: From structures to properties and applications. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213518.	18.8	29
34	Recent progress on cyano-bridged transition-metal-based single-molecule magnets and single-chain magnets. <i>Coordination Chemistry Reviews</i> , 2021, 428, 213617.	18.8	69
35	Interconnected CoS ₂ /NC-CNTs network as high-performance anode materials for lithium-ion batteries. <i>Science China Materials</i> , 2021, 64, 820-829.	6.3	47
36	A unique 3D microporous MOF constructed by cross-linking 1D coordination polymer chains for effectively selective separation of CO ₂ /CH ₄ and C ₂ H ₂ /CH ₄ . <i>Chinese Chemical Letters</i> , 2021, 32, 1153-1156.	9.0	28

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37	Recent Advances on Metal-Organic Frameworks in the Conversion of Carbon Dioxide. Chinese Journal of Chemistry, 2021, 39, 440-462.	4.9	51
38	Electrochromic Two-dimensional Covalent Organic Framework with a Reversible Dark-to-transparent Switch. Chemical Research in Chinese Universities, 2021, 37, 185-186.	2.6	2
39	A metal-organic framework-derived Zn _{1-x} Cd _x S/CdS heterojunction for efficient visible light-driven photocatalytic hydrogen production. Dalton Transactions, 2021, 50, 6064-6070.	3.3	21
40	Concomitant Photoresponsive Chiroptics and Magnetism in Metal-Organic Frameworks at Room Temperature. Research, 2021, 2021, 5490482.	5.7	18
41	Aggregation-induced emission materials for nonlinear optics. Aggregate, 2021, 2, e28.	9.9	56
42	Self-Interpenetrated Water-Stable Microporous Metal-Organic Framework toward Storage and Purification of Light Hydrocarbons. Inorganic Chemistry, 2021, 60, 2749-2755.	4.0	26
43	A highly stable terbium metal-organic framework for efficient detection of picric acid in water. Chinese Chemical Letters, 2021, 32, 3095-3098.	9.0	15
44	Crystalline Porous Materials for Nonlinear Optics. Small, 2021, 17, e2006416.	10.0	52
45	Functionalizing MOF with Redox-Active Tetrazine Moiety for Improving the Performance as Cathode of Li ₂ O Batteries. CCS Chemistry, 2021, 3, 1297-1305.	7.8	21
46	High-Efficiency Separation of n-Hexane by a Dynamic Metal-Organic Framework with Reduced Energy Consumption. Angewandte Chemie - International Edition, 2021, 60, 10593-10597.	13.8	42
47	High-Efficiency Separation of n-Hexane by a Dynamic Metal-Organic Framework with Reduced Energy Consumption. Angewandte Chemie, 2021, 133, 10687-10691.	2.0	10
48	Defective Hierarchical Pore Engineering of a Zn-Ni MOF by Labile Coordination Bonding Modulation. Inorganic Chemistry, 2021, 60, 5122-5130.	4.0	19
49	Engineering Elastic Properties of Isostructural Molecular Perovskite Ferroelectrics via B-Site Substitution. Small, 2021, 17, e2006021.	10.0	18
50	Deciphering of advantageous electrocatalytic water oxidation behavior of metal-organic framework in alkaline media. Nano Research, 2021, 14, 4680-4688.	10.4	37
51	Dual-Stimuli-Responsive Photoluminescence of Enantiomeric Two-Dimensional Lead Halide Perovskites. Advanced Optical Materials, 2021, 9, 2100003.	7.3	38
52	High Working Capacity Acetylene Storage at Ambient Temperature Enabled by a Switching Adsorbent Layered Material. ACS Applied Materials & Interfaces, 2021, 13, 23877-23883.	8.0	17
53	Recent Progress in Luminous Particle-Encapsulated Host-Guest Metal-Organic Frameworks for Optical Applications. Advanced Optical Materials, 2021, 9, 2100283.	7.3	39
54	Self-Optimized Metal-Organic Framework Electrocatalysts with Structural Stability and High Current Tolerance for Water Oxidation. ACS Catalysis, 2021, 11, 7132-7143.	11.2	77

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55	Advances in Emerging Crystalline Porous Materials. <i>Small</i> , 2021, 17, e2102331.	10.0	6
56	Acoustic Properties of Metal-Organic Frameworks. <i>Research</i> , 2021, 2021, 9850151.	5.7	10
57	Strategic Defect Engineering of Metal-Organic Frameworks for Optimizing the Fabrication of Single-Atom Catalysts. <i>Advanced Functional Materials</i> , 2021, 31, 2103597.	14.9	68
58	Constructing bifunctional Co/MoC@N-C catalyst via an in-situ encapsulation strategy for efficient oxygen electrocatalysis. <i>Journal of Energy Chemistry</i> , 2021, 59, 538-546.	12.9	33
59	Lanthanide-Hypophosphite Frameworks with Guanidinium Guest Showing High Proton Conductivity. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3381.	4.9	3
60	Recent Progress of Nanoscale Metal-Organic Frameworks in Synthesis and Battery Applications. <i>Advanced Science</i> , 2021, 8, 2001980.	11.2	58
61	A metal-organic framework featuring highly sensitive fluorescence sensing for Al ³⁺ ions. <i>CrystEngComm</i> , 2021, 23, 8087-8092.	2.6	14
62	Recent advances and perspectives of metal/covalent-organic frameworks in metal-air batteries. <i>Journal of Energy Chemistry</i> , 2021, 63, 113-129.	12.9	25
63	Optical Properties and Applications of Crystalline Materials. <i>Advanced Optical Materials</i> , 2021, 9, 2102394.	7.3	6
64	Facet-engineering of NH ₂ -UiO-66 with enhanced photocatalytic hydrogen production performance. <i>Dalton Transactions</i> , 2021, 50, 17953-17959.	3.3	18
65	g-C ₃ N ₄ /ZnCdS heterojunction for efficient visible light-driven photocatalytic hydrogen production. <i>RSC Advances</i> , 2021, 11, 38120-38125.	3.6	12
66	Metal-Organic Framework Materials for the Separation and Purification of Light Hydrocarbons. <i>Advanced Materials</i> , 2020, 32, e1806445.	21.0	408
67	Halide Perovskites for Nonlinear Optics. <i>Advanced Materials</i> , 2020, 32, e1806736.	21.0	210
68	Functionalized Dynamic Metal-Organic Frameworks as Smart Switches for Sensing and Adsorption Applications. <i>Topics in Current Chemistry</i> , 2020, 378, 5.	5.8	14
69	Structural tuning of Zn(<i>ii</i>)-MOFs based on pyrazole functionalized carboxylic acid ligands for organic dye adsorption. <i>CrystEngComm</i> , 2020, 22, 5941-5945.	2.6	13
70	Recent Progress on NiFe-Based Electrocatalysts for the Oxygen Evolution Reaction. <i>Small</i> , 2020, 16, e2003916.	10.0	192
71	Supramolecular Cages Based on a Silver Complex as Adaptable Hosts for Poly-Aromatic Hydrocarbons. <i>Small</i> , 2020, 16, 2001377.	10.0	3
72	Highly stable Zn-MOF with Lewis basic nitrogen sites for selective sensing of Fe ³⁺ and Cr ₂ O ₇ ²⁻ ions in aqueous systems. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2718-2727.	2.2	17

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73	Metal-Organic Framework-Based Photocatalysts Optimized by Spatially Separated Cocatalysts for Overall Water Splitting. <i>Advanced Materials</i> , 2020, 32, e2004747.	21.0	142
74	Efficient Regulation of Energy Transfer in a Multicomponent Dye-Loaded MOF for White-Light Emission Tuning. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51589-51597.	8.0	52
75	Recent Progress in 2D Metal-Organic Frameworks for Optical Applications. <i>Advanced Optical Materials</i> , 2020, 8, 2000110.	7.3	85
76	Structural Transformation and Spatial Defect Formation of a Co(II) MOF Triggered by Varied Metal-Center Coordination Configuration. <i>Inorganic Chemistry</i> , 2020, 59, 9005-9013.	4.0	19
77	Crystal engineering of a rectangular q^2 coordination network to enable xylenes selectivity over ethylbenzene. <i>Chemical Science</i> , 2020, 11, 6889-6895.	7.4	26
78	Electrochemically active sites inside crystalline porous materials for energy storage and conversion. <i>Chemical Society Reviews</i> , 2020, 49, 2378-2407.	38.1	233
79	Thermal Transport Engineering in Hybrid Organic-Inorganic Perovskite Phononic Crystals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5728-5733.	4.6	9
80	Two Luminescent High-Nuclearity Lanthanide Clusters Ln_{48} ($Ln = Eu$ and Tb) with a Nanopillar Structure. <i>Crystal Growth and Design</i> , 2020, 20, 5294-5301.	3.0	24
81	Confined Heteropoly Blues in Defected Zr-MOF (Bottle Around Ship) for High-Efficiency Oxidative Desulfurization. <i>Small</i> , 2020, 16, e1906432.	10.0	92
82	Materials Science at Nankai: A Special Issue Dedicated to the 100th Anniversary of Nankai University. <i>Advanced Materials</i> , 2020, 32, e1907314.	21.0	0
83	Zinc-coordination Polymers Based on a Donor-acceptor Mix-ligand System: Syntheses, Crystal Structures and Photophysical Properties. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 74-80.	2.6	6
84	Nonlinear Optical Perovskites: Halide Perovskites for Nonlinear Optics (Adv. Mater. 3/2020). <i>Advanced Materials</i> , 2020, 32, 2070017.	21.0	10
85	Oxidative Desulfurization: Confined Heteropoly Blues in Defected Zr-MOF (Bottle Around Ship) for High-Efficiency Oxidative Desulfurization (Small 14/2020). <i>Small</i> , 2020, 16, 2070077.	10.0	1
86	Spin-density studies of the multiferroic metal-organic compound $[NH_2(CH_3)_2][Fe^{III}Fe^{II}(HCOO)_6]$. <i>IUCr</i> , 2020, 7, 803-813.	2.2	1
87	Benchmark selectivity p -xylene separation by a non-porous molecular solid through liquid or vapor extraction. <i>Chemical Science</i> , 2019, 10, 8850-8854.	7.4	29
88	InnenrÄ¼cktitelbild: Engineering Donor-Acceptor Heterostructure Metal-Organic Framework Crystals for Photonic Logic Computation (Angew. Chem. 39/2019). <i>Angewandte Chemie</i> , 2019, 131, 14135-14135.	2.0	1
89	Sn nanocrystals embedded in porous TiO_2/C with improved capacity for sodium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2675-2681.	6.0	13
90	Geminiarene: A New Macrocyclic Arene with Dual/Gemini Molecular Conformation and Guest Selectivity in the Solid State. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 745-746.	2.6	0

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91	Engineering Donor–Acceptor Heterostructure Metal–Organic Framework Crystals for Photonic Logic Computation. <i>Angewandte Chemie</i> , 2019, 131, 14028-14034.	2.0	23
92	Bismuth Nanoparticle@Carbon Composite Anodes for Ultralong Cycle Life and High-Rate Sodium-Ion Batteries. <i>Advanced Materials</i> , 2019, 31, e1904771.	21.0	201
93	Materials chemistry at Nankai University: A special issue dedicated to the 100th anniversary of Nankai University. <i>Science China Materials</i> , 2019, 62, 1505-1506.	6.3	0
94	Enhanced Gas Uptake in a Microporous Metal–Organic Framework <i>via</i> a Sorbate Induced-Fit Mechanism. <i>Journal of the American Chemical Society</i> , 2019, 141, 17703-17712.	13.7	152
95	Engineering Bimetal Synergistic Electrocatalysts Based on Metal–Organic Frameworks for Efficient Oxygen Evolution. <i>Small</i> , 2019, 15, e1903410.	10.0	126
96	Carbon Layer Coated Ni ₃ S ₂ /MoS ₂ Nanohybrids as Efficient Bifunctional Electrocatalysts for Overall Water Splitting. <i>ChemElectroChem</i> , 2019, 6, 5603-5609.	3.4	22
97	Recent advances in luminescent metal-organic frameworks for chemical sensors. <i>Science China Materials</i> , 2019, 62, 1655-1678.	6.3	132
98	Fe ^x /S/nitrogen and sulfur Co-doped carbon composite derived from a nanosized metal–organic framework for high-performance lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 50-56.	6.0	26
99	Structure Switching and Modulation of the Magnetic Properties in Diarylethene-Bridged Metallosupramolecular Compounds by Controlled Coordination-Driven Self-Assembly. <i>Angewandte Chemie</i> , 2019, 131, 4383-4388.	2.0	12
100	Structure Switching and Modulation of the Magnetic Properties in Diarylethene-Bridged Metallosupramolecular Compounds by Controlled Coordination-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4339-4344.	13.8	63
101	Two luminescent coordination polymers as highly selective and sensitive chemosensors for Cr ^{VI} -anions in aqueous medium. <i>Dalton Transactions</i> , 2019, 48, 387-394.	3.3	87
102	Regulating Second-Harmonic Generation by van der Waals Interactions in Two-dimensional Lead Halide Perovskite Nanosheets. <i>Journal of the American Chemical Society</i> , 2019, 141, 9134-9139.	13.7	75
103	Engineering Donor–Acceptor Heterostructure Metal–Organic Framework Crystals for Photonic Logic Computation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13890-13896.	13.8	108
104	In-situ synthesis of molecular magnetorefrigerant materials. <i>Coordination Chemistry Reviews</i> , 2019, 394, 39-52.	18.8	166
105	Rational Construction of Breathing Metal–Organic Frameworks through Synergy of a Stretchy Ligand and Highly Variable π - π Interaction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20995-21003.	8.0	13
106	CO ₂ Capture: Specific K ⁺ Binding Sites as CO ₂ Traps in a Porous MOF for Enhanced CO ₂ Selective Sorption (Small 22/2019). <i>Small</i> , 2019, 15, 1970118.	10.0	3
107	Electronic structures and elastic properties of a family of metal-free perovskites. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1678-1685.	5.9	46
108	Synergistically Directed Assembly of Aromatic Stacks Based Metal–Organic Frameworks by Donor–Acceptor and Coordination Interactions. <i>Chinese Journal of Chemistry</i> , 2019, 37, 871-877.	4.9	28

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109	Soft Porous Crystal Based upon Organic Cages That Exhibit Guest-Induced Breathing and Selective Gas Separation. <i>Journal of the American Chemical Society</i> , 2019, 141, 9408-9414.	13.7	98
110	A Giant Dy ₇₆ Cluster: A Fused Bi-Nanopillar Structural Model for Lanthanide Clusters. <i>Angewandte Chemie</i> , 2019, 131, 10290-10294.	2.0	17
111	A Giant Dy ₇₆ Cluster: A Fused Bi-Nanopillar Structural Model for Lanthanide Clusters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10184-10188.	13.8	94
112	Nitrogen-doped carbon shell-confined Ni ₃ S ₂ composite nanosheets derived from Ni-MOF for high performance sodium-ion battery anodes. <i>Nano Energy</i> , 2019, 62, 154-163.	16.0	166
113	An insight into the pyrolysis process of metal-organic framework templates/precursors to construct metal oxide anode materials for lithium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1398-1405.	5.9	15
114	Synthesis of MOF-derived nanostructures and their applications as anodes in lithium and sodium ion batteries. <i>Coordination Chemistry Reviews</i> , 2019, 388, 172-201.	18.8	192
115	A Dual-Stimuli-Responsive Coordination Network Featuring Reversible Wide-Range Luminescence-Tuning Behavior. <i>Angewandte Chemie</i> , 2019, 131, 5670-5674.	2.0	24
116	Specific K ⁺ Binding Sites as CO ₂ Traps in a Porous MOF for Enhanced CO ₂ Selective Sorption. <i>Small</i> , 2019, 15, e1900426.	10.0	67
117	A Dual-Stimuli-Responsive Coordination Network Featuring Reversible Wide-Range Luminescence-Tuning Behavior. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5614-5618.	13.8	132
118	Metal-organic framework-based heterogeneous catalysts for the conversion of C1 chemistry: CO, CO ₂ and CH ₄ . <i>Coordination Chemistry Reviews</i> , 2019, 387, 79-120.	18.8	298
119	Materials chemistry research at Nankai University – a themed collection dedicated to the 100th anniversary of Nankai University. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2205-2206.	5.9	0
120	Metal-Layer Assisted Growth of Ultralong Quasi-2D MOF Nanoarrays on Arbitrary Substrates for Accelerated Oxygen Evolution. <i>Small</i> , 2019, 15, e1906086.	10.0	54
121	Metal-Organic Frameworks (MOFs) and MOF-Derived Materials for Energy Storage and Conversion. <i>Electrochemical Energy Reviews</i> , 2019, 2, 29-104.	25.5	274
122	Metal-Organic Gel-Derived Fe _x O _y /Nitrogen-Doped Carbon Films for Enhanced Lithium Storage. <i>Small</i> , 2019, 15, e1804058.	10.0	31
123	Lithium-Ion Batteries: Metal-Organic Gel-Derived Fe _x O _y /Nitrogen-Doped Carbon Films for Enhanced Lithium Storage (<i>Small</i> 3/2019). <i>Small</i> , 2019, 15, 1970018.	10.0	3
124	Structure and Emission Modulation of a Series of Cd(II) Luminescent Coordination Polymers through Guest Dependent Donor-Acceptor Interaction. <i>Crystal Growth and Design</i> , 2019, 19, 1391-1398.	3.0	27
125	Thermal Instability Induced Oriented 2D Pores for Enhanced Sodium Storage. <i>Small</i> , 2018, 14, e1800639.	10.0	46
126	Facile synthesis of Co ₃ O ₄ nanosheets from MOF nanoplates for high performance anodes of lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1602-1608.	6.0	47

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127	Microporous Luminescent Metal-Organic Framework for a Sensitive and Selective Fluorescence Sensing of Toxic Mycotoxin in Moldy Sugarcane. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5618-5625.	8.0	121
128	Multi-Stimuli-Responsive Fluorescence Switching from a Pyridine-Functionalized Tetraphenylethene AIEgen. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5819-5827.	8.0	170
129	Ferroelastic Phase Transition and Switchable Dielectric Constant in Heterometallic Niccolite Formate Frameworks. <i>Inorganic Chemistry</i> , 2018, 57, 537-540.	4.0	13
130	Metal-Organic Framework Derived Core-Shell Co/Co ₃ O ₄ @N-C Nanocomposites as High Performance Anode Materials for Lithium Ion Batteries. <i>Inorganic Chemistry</i> , 2018, 57, 4620-4628.	4.0	86
131	A Water-Stable Luminescent Zn ^{II} Metal-Organic Framework as Chemosensor for High-Efficiency Detection of Cr ^{VI} -Anions (Cr ₂ O ₇ ²⁻) <i>Tj ETQg 1 1 0.784314 rg 3.3 169</i> 3192-3198.	3.3	169
132	Enhancing the stability and porosity of penetrated metal-organic frameworks through the insertion of coordination sites. <i>Chemical Science</i> , 2018, 9, 950-955.	7.4	34
133	Photoinduced electron transfer and remarkable enhancement of magnetic susceptibility in bridging pyrazine complexes. <i>Dalton Transactions</i> , 2018, 47, 15888-15896.	3.3	18
134	Wavelength dependent nonlinear optical response of tetraphenylethene aggregation-induced emission luminogens. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2263-2271.	5.9	36
135	PAN@ZIF-67-Derived Gypsophila-Like CNFs@Co-CoO Composite as a Cathode for Li ₂ O Batteries. <i>Inorganic Chemistry</i> , 2018, 57, 14476-14479.	4.0	22
136	Rational Construction of Highly Tunable Donor-Acceptor Materials Based on a Crystalline Host-Guest Platform. <i>Advanced Materials</i> , 2018, 30, e1804715.	21.0	132
137	Ultra-small V ₂ O ₃ embedded N-doped porous carbon nanorods with superior cycle stability for sodium-ion capacitors. <i>Journal of Power Sources</i> , 2018, 405, 37-44.	7.8	54
138	Effective Co _x S _y Hydrogen Evolution Reaction Electrocatalysts Fabricated by In-Situ Sulfuration of a Metal-Organic Framework. <i>ChemElectroChem</i> , 2018, 5, 3570-3570.	3.4	3
139	Effective Co _x S _y HER Electrocatalysts Fabricated by In-Situ Sulfuration of a Metal-Organic Framework. <i>ChemElectroChem</i> , 2018, 5, 3639-3644.	3.4	41
140	Utilizing an effective framework to dye energy transfer in a carbazole-based metal-organic framework for high performance white light emission tuning. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2868-2874.	6.0	38
141	Supramolecular recognition of benzene homologues in a 2D coordination polymer through variable inter-layer π - π interaction. <i>CrystEngComm</i> , 2018, 20, 3313-3317.	2.6	12
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