

Yao-Yu Wang

List of Publications by Year in descending order

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329
papers

13,634
citations

20036

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times ranked

10832
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#	ARTICLE	IF	CITATIONS
1	The synergistic flame retardancy of modified expandable graphite and metal hydroxides on HDPE/EVA composites. <i>Journal of Thermoplastic Composite Materials</i> , 2022, 35, 782-798.	2.6	5
2	Highly flexible ceramic nanofibrous membranes for superior thermal insulation and fire retardancy. <i>Nano Research</i> , 2022, 15, 2592-2598.	5.8	21
3	Multiple fluorescence response behaviors towards antibiotics and bacteria based on a highly stable Cd-MOF. <i>Journal of Hazardous Materials</i> , 2022, 423, 127132.	6.5	32
4	Ultra-light-weight kevlar/polyimide 3D woven spacer multifunctional composites for high-gain microstrip antenna. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 872-883.	9.9	32
5	MOF-COF Composite Photocatalysts: Design, Synthesis, and Mechanism. <i>Crystal Growth and Design</i> , 2022, 22, 893-908.	1.4	47
6	Two novel luminescent metal-organic frameworks based on the thioether bond modification: The selective sensing and effective CO ₂ fixation. <i>Journal of Solid State Chemistry</i> , 2022, 307, 122813.	1.4	2
7	Connectivity of organic matter pores in the Lower Silurian Longmaxi Formation shale, Sichuan Basin, Southern China: Analyses from helium ion microscope and focused ion beam scanning electron microscope. <i>Geological Journal</i> , 2022, 57, 1912-1924.	0.6	32
8	Two porous three-dimensional (3D) metal-organic frameworks based on diverse metal clusters: selective sensing of Fe ³⁺ and Cr ₂ O ₇ ²⁻ . <i>New Journal of Chemistry</i> , 2022, 46, 4292-4299.	1.4	6
9	Amide-Functionalized In-MOF for Effective Hydrocarbon Separation and CO ₂ Catalytic Fixation. <i>Inorganic Chemistry</i> , 2022, 61, 2679-2685.	1.9	29
10	A microporous anionic metal-organic framework for aqueous encapsulation and highly reversible sensitization of light-emitting Tb ³⁺ ions. <i>New Journal of Chemistry</i> , 2022, 46, 5201-5205.	1.4	3
11	Influence of Organic Matter on Gas-Bearing Properties and Analysis of Sedimentary Mechanism of Organic Matter Enrichment: A Case Study on the Yangtze Region of Southern China during the Early Cambrian. <i>Geofluids</i> , 2022, 2022, 1-12.	0.3	0
12	N-doped carbon material encapsulated cobalt nanoparticles for bifunctional electrocatalysts derived from a porous Co(II)-based metal-organic frameworks (MOFs). <i>Journal of Solid State Chemistry</i> , 2022, 309, 122989.	1.4	3
13	Design and Synthesis of Four Newly Water-Stable Pb-Based Heterometallic Organic Frameworks: How Do the Second Metals (Zn, Cd, Co, and Mn) Optimize Their Fluorescent and Catalytic Properties?. <i>Crystal Growth and Design</i> , 2022, 22, 2628-2636.	1.4	2
14	Investigation of the Oxidation Behavior of Cr ₂₀ Mn ₁₇ Fe ₁₈ Ta ₂₃ W ₂₂ and Microdefects Evolution Induced by Hydrogen Ions before and after Oxidation. <i>Materials</i> , 2022, 15, 1895.	1.3	1
15	Study on Reasonable Chain Pillar Size in a Thick Coal Seam. <i>Geofluids</i> , 2022, 2022, 1-14.	0.3	3
16	Fabrication of a series of isostructural water-stable lanthanide metal-organic frameworks: Tunable luminescence, sensing for antibiotics and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2022, 309, 123003.	1.4	7
17	Luminescent metal-organic frameworks constructed by a V-shaped pentacarboxylic acid ligand as bifunctional chemosensors for Fe ³⁺ and Cr ₂ O ₇ ²⁻ . <i>Journal of Solid State Chemistry</i> , 2022, 309, 122988.	1.4	5
18	Fe-doped CoFeP phosphides nanosheets dispersed on nickel foam derived from Prussian blue analogues as efficient electrocatalysts for the oxygen evolution reaction. <i>Journal of Solid State Chemistry</i> , 2022, 311, 123084.	1.4	4

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19	Recent advances of functional heterometallic-organic framework (HMOF) materials: Design strategies and applications. <i>Coordination Chemistry Reviews</i> , 2022, 463, 214521.	9.5	45
20	Lanthanide-Organic Frameworks with Uncoordinated Lewis Base Sites: Tunable Luminescence, Antibiotic Detection, and Anticounterfeiting. <i>Inorganic Chemistry</i> , 2022, 61, 6101-6109.	1.9	23
21	Size Effect of Arylenediimide π -Conjugate Systems on the Photoresponsive Behaviors in Eu^{3+} -Based Coordination Polymers. <i>Inorganic Chemistry</i> , 2022, 61, 6403-6410.	1.9	14
22	C_2H_2 capture and separation in a MOF based on Ni_6 trigonal-prismatic units. <i>Chemical Communications</i> , 2022, 58, 6208-6211.	2.2	17
23	Highly Efficient I_2 Sorption, CO_2 Capture, and Catalytic Conversion by Introducing Nitrogen Donor Sites in a Microporous Co(II) -Based Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2022, 61, 7005-7016.	1.9	10
24	One-Step C_2H_4 Purification from Ternary $\text{C}_2\text{H}_6/\text{C}_2\text{H}_4/\text{C}_2\text{H}_2$ Mixtures by a Robust Metal-Organic Framework with Customized Pore Environment. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	57
25	One-Step C_2H_4 Purification from Ternary $\text{C}_2\text{H}_6/\text{C}_2\text{H}_4/\text{C}_2\text{H}_2$ Mixtures by a Robust Metal-Organic Framework with Customized Pore Environment. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	15
26	Phase-mediated controllable intramolecular and intermolecular photocycloadditions assisted by supramolecular templates. <i>Science China Chemistry</i> , 2022, 65, 1129-1133.	4.2	4
27	Efficient One-Step Purification of C_1 and C_2 Hydrocarbons over CO_2 in a New CO_2 -Selective MOF with a Gate-Opening Effect. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26858-26865.	4.0	16
28	Improved performance of the pyrimidine-modified porous In-MOF and an <i>in situ</i> prepared composite Ag@In-MOF material. <i>Chemical Communications</i> , 2022, 58, 7749-7752.	2.2	7
29	Two comparable Ba-MOFs with similar linkers for enhanced CO_2 capture and separation by introducing N-rich groups. <i>Rare Metals</i> , 2021, 40, 499-504.	3.6	52
30	A novel switch beam design method with extending switching radio-frequency bandwidth. <i>Microsystem Technologies</i> , 2021, 27, 315-324.	1.2	2
31	Effect of latter feeding wire on double-wire GTA-AM stainless steel. <i>Materials and Manufacturing Processes</i> , 2021, 36, 608-617.	2.7	10
32	A Dy_6 -cluster-based <i>fcu</i> -MOF with efficient separation of $\text{C}_2\text{H}_2/\text{C}_2\text{H}_4$ and selective adsorption of benzene. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 376-382.	3.0	28
33	Luminescence tuning and sensing properties of stable 2D lanthanide metal-organic frameworks built with symmetrical flexible tricarboxylic acid ligands containing ether oxygen bonds. <i>CrystEngComm</i> , 2021, 23, 411-418.	1.3	13
34	Luminescence modulation, near white light emission, selective luminescence sensing, and anticounterfeiting <i>via</i> a series of Ln-MOFs with a π -conjugated and uncoordinated lewis basic triazolyl ligand. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 329-338.	3.0	35
35	A stable Cd(II) -based MOF with efficient CO_2 capture and conversion, and fluorescence sensing for ronidazole and dimetridazole. <i>Journal of Solid State Chemistry</i> , 2021, 295, 121890.	1.4	16
36	A new 3D luminescent Ba-organic framework with high open metal sites: CO_2 fixation, luminescence sensing, and dye sorption. <i>CrystEngComm</i> , 2021, 23, 663-670.	1.3	6

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37	Supramolecular-induced regiocontrol over the photochemical [4 + 4] cyclodimerization of NHC- or azole-substituted anthracenes. <i>Chemical Science</i> , 2021, 12, 2165-2171.	3.7	20
38	Design and preparation of new luminescent metal-organic frameworks and different doped isomers: sensing pollution ions and enhancement of gas capture capacity. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 286-295.	3.0	25
39	Recent progresses in luminescent metal-organic frameworks (LMOFs) as sensors for the detection of anions and cations in aqueous solution. <i>Dalton Transactions</i> , 2021, 50, 1950-1972.	1.6	74
40	Multiple Functions of Gas Separation and Vapor Adsorption in a New MOF with Open Tubular Channels. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4102-4109.	4.0	67
41	Uncommon thioether-modified metal-organic frameworks with unique selective CO ₂ sorption and efficient catalytic conversion. <i>CrystEngComm</i> , 2021, 23, 1447-1454.	1.3	1
42	A scalable strategy toward compliant tandem yarn-shaped supercapacitors with high voltage output. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13916-13925.	5.2	10
43	An excellent thermostable dual-functionalized 3D <i>fsx</i> -type Cd(<i>ii</i>) MOF for the highly selective detection of Fe ³⁺ ions and ten nitroaromatic explosives. <i>CrystEngComm</i> , 2021, 23, 6171-6179.	1.3	6
44	A new porous Co(<i>ii</i>)-metal-organic framework for high sorption selectivity and affinity to CO ₂ and efficient catalytic oxidation of benzyl alcohols to benzaldehydes. <i>CrystEngComm</i> , 2021, 23, 3717-3723.	1.3	18
45	A multi-functional two-dimensional Zn(<i>ii</i>)-organic framework for selective carbon dioxide adsorption, sensing of nitrobenzene and Cr ₂ O ₇ ²⁻ . <i>CrystEngComm</i> , 2021, 23, 7643-7649.	1.3	7
46	A 2-Fold Interpenetrated Nitrogen-Rich Metal-Organic Framework: Dye Adsorption and CO ₂ Capture and Conversion. <i>Inorganic Chemistry</i> , 2021, 60, 3156-3164.	1.9	25
47	A Facile Reaction Strategy for the Synthesis of MOF-Based Pine-Needle-Like Nanocluster Hierarchical Structure for Efficient Overall Water Splitting. <i>Inorganic Chemistry</i> , 2021, 60, 4047-4057.	1.9	23
48	Investigation into surface composition of nitrogen-doped niobium for superconducting RF cavities. <i>Nanotechnology</i> , 2021, 32, 245701.	1.3	4
49	Fluorine-Substituted Regulation in Two Comparable Isostructural Cd(II) Coordination Polymers: Enhanced Fluorescence Detection for Tetracyclines in Water. <i>Crystal Growth and Design</i> , 2021, 21, 2488-2497.	1.4	29
50	A robust cluster-based Eu-MOF as multi-functional fluorescence sensor for detection of antibiotics and pesticides in water. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129377.	4.0	155
51	Systematic and efficient synthesis of β -diketiminato aluminum halides and their structural characterization. <i>Tetrahedron Letters</i> , 2021, 68, 152942.	0.7	2
52	Stable Indium Pyridylcarboxylate Framework with Highly Selective Adsorption of Cationic Dyes and Effective Nitrobenzene Detection. <i>Inorganic Chemistry</i> , 2021, 60, 5232-5239.	1.9	17
53	Transparent and Hazy Eu ³⁺ /Tb ³⁺ -Nanopaper with Color-Tuning, Photo-Switching, and White Light-Emitting Properties for Anti-counterfeiting and Light-Softened WLEDs. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5827-5837.	3.2	25
54	Microporous Cd(II) Metal-Organic Framework for CO ₂ Catalysis, Luminescent Sensing, and Absorption of Methyl Green. <i>Crystal Growth and Design</i> , 2021, 21, 2734-2743.	1.4	29

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55	Supramolecular Coordination Cages Based on Nâ€Heterocyclic Carbeneâ€Gold(I) Ligands and Their Precursors: Selfâ€Assembly, Structural Transformation and Guestâ€Binding Properties. Chemistry - A European Journal, 2021, 27, 7853-7861.	1.7	6
56	Sieving Effect for the Separation of C₂H₂/C₂H₄ in an Ultrastable Ultramicroporous Zincâ€Organic Framework. Chemistry - an Asian Journal, 2021, 16, 1233-1236.	1.7	7
57	Regulation mechanism of graphene oxide on the structure and mechanical properties of bio-based gel-spun lignin/poly (vinyl alcohol) fibers. Cellulose, 2021, 28, 4745-4760.	2.4	11
58	Metalâ€Organic Frameworks as Heterogeneous Electrocatalysts for Water Splitting and CO₂ Fixation. Crystal Growth and Design, 2021, 21, 3123-3142.	1.4	24
59	Supramolecular control of MOF pore properties for the tailored guest adsorption/separation applications. Coordination Chemistry Reviews, 2021, 434, 213709.	9.5	141
60	Ultra-high adsorption selectivity and affinity for CO2 over CH4, and luminescent properties of three new solvents induced Zn(II)-based metal-organic frameworks (MOFs). Journal of Solid State Chemistry, 2021, 297, 122054.	1.4	7
61	Alloying Cr2/3Te in AgCrSe2 compound for improving thermoelectrics. Applied Physics Letters, 2021, 118, 193902.	1.5	3
62	Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. Angewandte Chemie, 2021, 133, 20328-20334.	1.6	4
63	Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. Angewandte Chemie - International Edition, 2021, 60, 20166-20172.	7.2	32
64	Efficient Gas and VOC Separation and Pesticide Detection in a Highly Stable Interpenetrated Indiumâ€Organic Framework. Inorganic Chemistry, 2021, 60, 10698-10706.	1.9	23
65	Holographic Super-Resolution Metalens for Achromatic Sub-Wavelength Focusing. ACS Photonics, 2021, 8, 2294-2303.	3.2	22
66	Electrochemical Performance of Coaxially Wet-Spun Hierarchically Porous Lignin-Based Carbon/Graphene Fiber Electrodes for Flexible Supercapacitors. ACS Applied Energy Materials, 2021, 4, 9077-9089.	2.5	13
67	Frontispiz: Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. Angewandte Chemie, 2021, 133, .	1.6	0
68	Frontispiece: Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
69	Determination of cyflufenamid residues in 12 foodstuffs by QuEChERS-HPLC-MS/MS. Food Chemistry, 2021, 362, 130148.	4.2	19
70	A new multi-functional Cu(<sc>ii</sc>)-organic framework as a platform for selective carbon dioxide chemical fixation and separation of organic dyes. CrystEngComm, 2021, 23, 8315-8322.	1.3	3
71	A highly stable MOF with F and N accessible sites for efficient capture and separation of acetylene from ternary mixtures. Journal of Materials Chemistry A, 2021, 9, 24495-24502.	5.2	40
72	An Efficient Strategy for Reinforcing Flexible Ceramic Membranes. Nano Letters, 2021, 21, 9419-9425.	4.5	28

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73	A new metal-organic framework based on rare $[Zn_4F_4]$ cores for efficient separation of C_2H_2 . <i>Chemical Communications</i> , 2021, 57, 12788-12791.	2.2	10
74	Acetylene Separation by a Ca-MOF Containing Accessible Sites of Open Metal Centers and Organic Groups. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58862-58870.	4.0	26
75	Effect of organic grafting expandable graphite on combustion behaviors and thermal stability of low-density polyethylene composites. <i>Polymer Composites</i> , 2020, 41, 719-728.	2.3	10
76	Synergistic effects of red phosphorus masterbatch with expandable graphite on the flammability and thermal stability of polypropylene/thermoplastic polyurethane blends. <i>Polymers and Polymer Composites</i> , 2020, 28, 209-219.	1.0	9
77	Strategy for the Construction of Diverse Poly-NHC-derived Assemblies and Their Photoinduced Transformations. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10073-10080.	7.2	89
78	Mutations in TOMM70 lead to multi-OXPHOS deficiencies and cause severe anemia, lactic acidosis, and developmental delay. <i>Journal of Human Genetics</i> , 2020, 65, 231-240.	1.1	23
79	Novel cage-like MOF for gas separation, CO_2 conversion and selective adsorption of an organic dye. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 746-755.	3.0	99
80	Aggregation-induced white emission of lanthanide metallopolymer and its coating on cellulose nanopaper for white-light softening. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2205-2210.	2.7	17
81	Design of Anti-UV Radiation Textiles with Self-Assembled Metal-Organic Framework Coating. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901525.	1.9	25
82	Three Lanthanide Metal-Organic Frameworks Based on an Ether-Decorated Polycarboxylic Acid Linker: Luminescence Modulation, CO_2 Capture and Conversion Properties. <i>Chemistry - an Asian Journal</i> , 2020, 15, 191-197.	1.7	18
83	The effect of coordinated solvent molecules on metal coordination environments in single-crystal-to-single-crystal transformations. <i>CrystEngComm</i> , 2020, 22, 6750-6775.	1.3	16
84	A Multi-Functional In(III)-Organic Framework for Acetylene Separation, Carbon Dioxide Utilization, and Antibiotic Detection in Water. <i>Inorganic Chemistry</i> , 2020, 59, 15302-15311.	1.9	38
85	Rational synthesis of an ultra-stable Zn coordination polymer based on a new tripodal pyrazole ligand for the highly sensitive and selective detection of Fe^{3+} and Cr^{2+} in aqueous media. <i>Dalton Transactions</i> , 2020, 49, 11201-11208.	1.6	19
86	New Supercage Metal-Organic Framework Based on Allopurinol Ligands Showing Acetylene Storage and Separation. <i>Chemistry - A European Journal</i> , 2020, 26, 16402-16407.	1.7	14
87	Evaluation of the site-unspecified peptide identification method for proteolytic peptide mapping. <i>RSC Advances</i> , 2020, 10, 37182-37186.	1.7	0
88	Multifunctional Textiles/Metal-Organic Frameworks Composites for Efficient Ultraviolet Radiation Blocking and Noise Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55316-55323.	4.0	124
89	Pr and Mo Co-doped $SrFeO_{3-\delta}$ as an Efficient Cathode for Pure CO_2 Reduction Reaction in a Solid Oxide Electrolysis Cell. <i>Energy Technology</i> , 2020, 8, 2000539.	1.8	7
90	Momentary lapses of attention in multisensory environment. <i>Cortex</i> , 2020, 131, 195-209.	1.1	7

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91	Efficient C ₂ H _n Hydrocarbons and VOC Adsorption and Separation in an MOF with Lewis Basic and Acidic Decorated Active Sites. ACS Applied Materials & Interfaces, 2020, 12, 41785-41793.	4.0	64
92	UV-blocking, transparent and hazy cellulose nanopaper with superior strength based on varied components of poplar mechanical pulp. Cellulose, 2020, 27, 6563-6576.	2.4	27
93	Post-Synthetic Functionalization of Ni-MOF by Eu ³⁺ Ions: Luminescent Probe for Aspartic Acid and Magnetic Property. Inorganic Chemistry, 2020, 59, 7531-7538.	1.9	43
94	Performance enhancement of oxygen evolution reaction through incorporating bimetallic electrocatalysts in two-dimensional metal-organic frameworks. Catalysis Science and Technology, 2020, 10, 3897-3903.	2.1	34
95	Two classic mutations in the linker-helix α 45 and segment α 6 of <i>Apolygus lucorum</i> sodium channel confer pyrethroid resistance. Pest Management Science, 2020, 76, 3954-3964.	1.7	3
96	Ultrastable and Highly Catalytically Active N-Heterocyclic Carbene-Stabilized Gold Nanoparticles in Confined Spaces. Angewandte Chemie - International Edition, 2020, 59, 16683-16689.	7.2	92
97	Two Robust In(III)-Based Metal-Organic Frameworks with Higher Gas Separation, Efficient Carbon Dioxide Conversion, and Rapid Detection of Antibiotics. Inorganic Chemistry, 2020, 59, 5231-5239.	1.9	31
98	A new honeycomb metal-carboxylate-tetrazolate framework with multiple functions for CO ₂ conversion and selective capture of C ₂ H ₂ , CO ₂ and benzene. Inorganic Chemistry Frontiers, 2020, 7, 1957-1964.	3.0	39
99	Supramolecular Construction of a [16]-macrocyclic Cage via a Quadruple [2+2] Photocycloaddition and Its Selective Fluorescent Recognition of Pyranine (HPTS). Chemistry - A European Journal, 2020, 26, 7190-7193.	1.7	11
100	Zeolitic Metal Cluster Carboxylic Framework for Selective Carbon Dioxide Chemical Fixation through the Superlarge Cage. Inorganic Chemistry, 2020, 59, 3912-3918.	1.9	19
101	Highly stable 3D porous HMOF with enhanced catalysis and fine color regulation by the combination of d- and p-ions when compared with those of its monometallic MOFs. Chemical Communications, 2020, 56, 8758-8761.	2.2	52
102	A Strategy for the Construction of Triply Interlocked Organometallic Cages by Rational Design of Poly-NHC Precursors. Journal of the American Chemical Society, 2020, 142, 13614-13621.	6.6	74
103	An NiF-doped ZIF-8 hybrid membrane for continuous antimicrobial treatment. RSC Advances, 2020, 10, 7360-7367.	1.7	24
104	A Silylene-Germylene Molecule Containing a Si-Ge Single Bond. Chemistry - A European Journal, 2020, 26, 6122-6125.	1.7	7
105	Constructions of new luminescent 3D porous MOFs with high stability, unique selectivity and low detection limits for various ions in aqueous solution. Journal of Solid State Chemistry, 2020, 285, 121270.	1.4	15
106	Design and Synthesis of Fluorescent Nanocelluloses for Sensing and Bioimaging Applications. ChemPlusChem, 2020, 85, 487-502.	1.3	34
107	Efficient gas and alcohol uptake and separation driven by two types of channels in a porous MOF: an experimental and theoretical investigation. Journal of Materials Chemistry A, 2020, 8, 5227-5233.	5.2	36
108	Effective C ₂ H ₂ Separation and Nitrofurazone Detection in a Stable Indium-Organic Framework. Inorganic Chemistry, 2020, 59, 2853-2860.	1.9	29

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109	Self-Assembly, Structural Transformation, and Guest-Binding Properties of Supramolecular Assemblies with Triangular Metal–Metal Bonded Units. <i>Journal of the American Chemical Society</i> , 2020, 142, 2524-2531.	6.6	84
110	Molecular characterization and functional expression of voltage-gated sodium channel variants in <i>Apolygus lucorum</i> (<sc>Meyer & Meyer, 2020</sc>). <i>Pest Management Science</i> , 2020, 76, 2095-2104.	1.7	7
111	Mutations in <i>FASTKD2</i> are associated with mitochondrial disease with multi- OXPHOS deficiency. <i>Human Mutation</i> , 2020, 41, 961-972.	1.1	21
112	Rational Stepwise Construction of Different Heterometallic–Organic Frameworks (HMOFs) for Highly Efficient CO_2 Conversion. <i>Chemistry - A European Journal</i> , 2020, 26, 5400-5406.	1.7	18
113	Two Cu-based cluster coordination polymers constructed from two thioether tripod tricarboxylic acid ligands: Synthesis, crystal structure and fluorescence sensing. <i>Inorganic Chemistry Communication</i> , 2020, 113, 107805.	1.8	2
114	Four new metal-organic frameworks based on diverse metal clusters: Syntheses, structures, luminescent sensing and dye adsorption properties. <i>Journal of Solid State Chemistry</i> , 2020, 287, 121336.	1.4	10
115	Backbone-Directed Self-Assembly of Interlocked Molecular Cyclic Metal[3]Catenanes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13516-13520.	7.2	45
116	Fine-Tuning the Porosities of the Entangled Isostructural Zn(II)-Based Metal–Organic Frameworks with Active Sites by Introducing Different N-Auxiliary Ligands: Selective Gas Sorption and Efficient CO_2 Conversion. <i>Inorganic Chemistry</i> , 2020, 59, 2450-2457.	1.9	20
117	A first new porous μ HMOF material with multiple active sites for excellent CO_2 capture and catalysis. <i>Chemical Communications</i> , 2020, 56, 2395-2398.	2.2	116
118	Assessment of mitochondrial function in metabolic dysfunction-associated fatty liver disease using obese mouse models. <i>Zoological Research</i> , 2020, 41, 539-551.	0.9	10
119	Four alkaline earth metal (Mg, Ca, Sr, Ba)-based MOFs as multiresponsive fluorescent sensors for Fe^{3+} , Pb^{2+} and Cu^{2+} ions in aqueous solution. <i>Journal of Solid State Chemistry</i> , 2019, 277, 636-647.	1.4	23
120	Three New MOFs Induced by Organic Linker Coordination Modes: Gas Sorption, Luminescence, and Magnetic Properties. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2988-2994.	1.7	18
121	Seven new complexes based on various coordination modes of bifunctional ligand: Luminescent sensing and magnetic properties. <i>Inorganica Chimica Acta</i> , 2019, 495, 118971.	1.2	8
122	Two Stable Terbium–Organic Frameworks Based on Predesigned Functionalized Ligands: Selective Sensing of Fe^{3+} Ions and $\text{C}_2\text{H}_2/\text{CH}_4$ Separation. <i>Inorganic Chemistry</i> , 2019, 58, 10295-10303.	1.9	50
123	Two alkaline earth metal coordination polymers based on a new oxamate-dicarboxylate ligand: Selective fluorescence sensing of Fe^{3+} in aqueous solution. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107490.	1.8	7
124	C_3 -Symmetric Assemblies from Trigonal Polycarbene Ligands and M^{I} Ions for the Synthesis of Three-Dimensional Polyimidazolium Cations. <i>Angewandte Chemie</i> , 2019, 131, 13494-13498.	1.6	17
125	C_3 -Symmetric Assemblies from Trigonal Polycarbene Ligands and M^{I} Ions for the Synthesis of Three-Dimensional Polyimidazolium Cations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13360-13364.	7.2	53
126	New Doubly Interpenetrated MOF with $[\text{Zn}_4\text{O}]$ Clusters and Its Doped Isomorphous MOF: Sensing, Dye, and Gas Adsorption Capacity. <i>Crystal Growth and Design</i> , 2019, 19, 6774-6783.	1.4	52

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127	Range-Broadening Ultraviolet-Blocking Regulation of Cellulose Nanopaper via Surface Self-Absorption with Poly(methyl methacrylate)/Avobenzene. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2981-2989.	2.0	10
128	Syntheses of three new isostructural lanthanide coordination polymers with tunable emission colours through bimetallic doping, and their luminescence sensing properties. <i>Dalton Transactions</i> , 2019, 48, 13607-13613.	1.6	35
129	Luminescence sensing and supercapacitor performances of a new (3,3)-connected <i>Cd-MOF</i> . <i>CrystEngComm</i> , 2019, 21, 6186-6195.	1.3	19
130	Series of Water-Stable Lanthanide Metal-Organic Frameworks Based on Carboxylic Acid Imidazolium Chloride: Tunable Luminescent Emission and Sensing. <i>Inorganic Chemistry</i> , 2019, 58, 13969-13978.	1.9	55
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