

Jian Zhang

List of Articles by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polyoxometalates containing aluminum atoms. <i>Chinese Chemical Letters</i> , 2025, 36, 110386.	7.5	8
2	Modifying π -conjugated coordination silver cation onto homochiral zirconium-organic cage for circularly polarized luminescence. <i>Chinese Chemical Letters</i> , 2025, 36, 110402.	7.5	0
3	Chiral Cross-Linked Covalent Organic Framework Films for Highly Sensitive Circularly Polarized Luminescence Probing. <i>Journal of the American Chemical Society</i> , 2025, 147, 8948-8958.	15.0	35
4	Organotin-Oxo Clusters with Enhanced π -Conjugation for Iodine Capture. <i>Inorganic Chemistry</i> , 2025, 64, 6935-6942.	4.6	5
5	Precisely tailoring Lewis pairs in polyoxotitanium clusters for efficient photocatalytic production of hydrogen peroxide. <i>Dalton Transactions</i> , 2025, 54, 9016-9020.	3.0	1
6	Rational design of circularly polarized luminescence active chiral metal-organic frameworks for logic devices. <i>Chemical Science</i> , 2025, 16, 10742-10749.	7.1	13
7	Ligand effect on In-Ti-oxo nanoclusters for nanolithography. <i>Materials Horizons</i> , 2025, 12, 6283-6290.	10.2	4
8	Cerium Metal-Organic Framework Incorporating Quinoline Sulfonic Acid for Photocatalytic Carbon Dioxide Reduction. , 2025, 7, 2337-2342.		6
9	Pyrazole-thermal-assisted assembly of the largest N-rich tin-oxo clusters with tunable broadband nonlinear optical limiting effect. <i>Chinese Chemical Letters</i> , 2025, , 111384.	7.5	2
10	Homochiral Single Crystals of Helical Polymer Nanotubes: Synthesis and Application. <i>Journal of the American Chemical Society</i> , 2025, 147, 20770-20777.	15.0	14
11	Construction of Tunable Single-Atom Sites on Metal-Oxo Clusters for Enhanced CO_2 Photoreduction. <i>Inorganic Chemistry</i> , 2025, 64, 12062-12069.	4.6	0
12	Isodesmic $\text{C}(\text{sp}^2)\text{-H}$ Iodination of 2-Phenethylamines Directed by Native Primary Amino Groups. <i>Organic Letters</i> , 2025, 27, 7571-7576.	4.8	1
13	Multilevel Chiral Semiconductor Metal-Peptide Framework Thin Film for Highly Circularly Polarized Visible Photodetection. <i>Journal of the American Chemical Society</i> , 2025, 147, 26674-26683.	15.0	11
14	Designed metal-organic π -clusters combining the aromaticity of the metal cluster and ligands for a third-order nonlinear optical response. <i>Materials Horizons</i> , 2024, 11, 297-302.	10.2	12
15	Two solvent-dependent Al_{16} nanorings: design, synthesis and nonlinear optical limiting behavior. <i>Inorganic Chemistry Frontiers</i> , 2024, 11, 462-469.	6.3	6
16	Aggregate assembly of ferrocene functionalized indium-oxo clusters. <i>Chemical Science</i> , 2024, 15, 726-735.	7.1	5
17	Labile Ligands Protected Cu_{50} Nanoclusters with Tailorable Optical Limiting Effect. , 2024, 6, 281-289.		44
18	Structure and optical limiting effects of heterometallic $\text{Ag}_6@ \text{Ti}_{12}$ and $\text{Ag}_8@ \text{Ti}_{12}$ oxo clusters regulated by alkynyl ligands. <i>Dalton Transactions</i> , 2024, 53, 1947-1950.	3.0	6

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19	Aggregation of titanium μ -oxo clusters. <i>Aggregate</i> , 2024, 5, .	12.6	24
20	Integrated Anionic Zirconium μ -Organic Cage and Cationic Boron μ -imidazolate Cage for Synergetic Optical Limiting. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.4	18
21	Integrated Anionic Zirconium μ -Organic Cage and Cationic Boron μ -imidazolate Cage for Synergetic Optical Limiting. <i>Angewandte Chemie</i> , 2024, 136, .	1.4	0
22	Pseudotetrahedral Organotin-Capped Chalcogenidometalate Supermolecules with Optical Limiting Performance. <i>Journal of the American Chemical Society</i> , 2024, 146, 7690-7697.	15.0	13
23	Assembly of Homochiral Aluminum Oxo Clusters for Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2024, 146, 7524-7532.	15.0	22
24	Optical limiting effects of 1,10-phenanthroline functionalized heterometallic Sn μ -Ti oxo clusters with distinct π - π interactions. <i>Journal of Materials Chemistry C</i> , 2024, 12, 4771-4778.	5.1	4
25	Electro-Induced Phase Transformation of a Conductive Metal μ -Organic Framework Film for Nonlinear Optical Switching. <i>Nano Letters</i> , 2024, 24, 4186-4193.	8.7	13
26	Design and Self-Assembly of Ferrocene-Functional Heterometal μ -Oxo Clusters with the M(III) ₄ O ₄ Cubane Core. <i>Crystal Growth and Design</i> , 2024, 24, 3458-3466.	3.4	0
27	A chelating coordination modulation method for the synthesis of Ti-MOF single crystals. <i>Inorganic Chemistry Frontiers</i> , 2024, 11, 2876-2883.	6.3	23
28	Syntheses, crystal structures and properties of a series of isostructural lanthanide organic frameworks. <i>CrystEngComm</i> , 2024, 26, 2770-2774.	2.4	5
29	Induced Aggregation, Solvent Regulation, and Supracluster Assembly of Aluminum Oxo Clusters. <i>Accounts of Chemical Research</i> , 2024, 57, 1458-1466.	17.0	29
30	Design and synthesis of a deep-cavity aluminium-organic macrocycle to trap dyes and generate enhanced non-linear optical performance. <i>Inorganic Chemistry Frontiers</i> , 2024, 11, 3777-3785.	6.3	3
31	Synthesis and photoluminescence properties of polymer chains based on pre-designed heterometallic Al ₄ Ln ₄ molecular rings. <i>Chemical Communications</i> , 2024, 60, 7574-7577.	3.4	3
32	Chiral Liquid Crystalline Metal μ -Organic Framework Thin Films for Highly Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2024, 146, 16213-16221.	15.0	79
33	Aluminum Molecular Ring Meets Deep Eutectic Solvents: Adaptive Assembly and Optical Behavior. <i>Inorganic Chemistry</i> , 2024, 63, 12100-12108.	4.6	0
34	Designed Synthesis of an Aluminum Molecular Ring Based Rotaxane and Polyrotaxane. <i>Angewandte Chemie</i> , 2024, 136, .	1.4	1
35	Combining Ti ₄ (embonate) ₆ anionic cages and π -conjugated coordination cations for highly effective optical limiting. <i>Chemical Communications</i> , 2024, 60, 8748-8751.	3.4	1
36	Enantioselective assembly of tetrahedral Zr ₄ (embonate) ₆ cages in zeolitic frameworks for synergetic circularly polarized luminescence. <i>Inorganic Chemistry Frontiers</i> , 2024, 11, 6486-6492.	6.3	0

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37	Modulated assembly and structural diversity of heterometallic Sn ^{II} -Ti oxo clusters from inorganic tin precursors. <i>Nanoscale</i> , 2024, 16, 16451-16457.	5.0	0
38	Supracluster assembly of an Al ₄ precursor toward the study of enhanced optical properties. <i>Inorganic Chemistry Frontiers</i> , 2024, 11, 5709-5718.	6.3	3
39	Enhancing CO ₂ electroreduction to ethylene via microenvironment regulation in boron ^{III} -imidazolate frameworks. <i>Chemical Communications</i> , 2024, 60, 10204-10207.	3.4	4
40	Topochemical Polymerization at Diacetylene Metal ^{II} -Organic Framework Thin Films for Tuning Nonlinear Optics. <i>Journal of the American Chemical Society</i> , 2024, 146, 25016-25027.	15.0	38
41	Mesoscopic spiral nanoplates formed by porphyrin-spaced coordination frameworks for enhanced H ₂ O ₂ photosynthesis. <i>Inorganic Chemistry Frontiers</i> , 2024, 11, 8037-8046.	6.3	3
42	Customized structures of hydrogen-bonded organic frameworks towards photocatalysis. <i>Energy and Environmental Science</i> , 2024, 17, 8992-9026.	30.8	57
43	Rhodium(ii)-catalyzed C-H carboxylation of ferrocenes with CO ₂ . <i>Green Chemistry</i> , 2023, 25, 554-559.	9.1	10
44	Rationally designed titanium-based metal ^{II} -organic frameworks for visible-light activated chemiresistive sensing. <i>Journal of Materials Chemistry A</i> , 2023, 11, 965-971.	9.3	43
45	Porphyrin metal ^{II} -organic frameworks with bilayer and pillar-layered frameworks and third-order nonlinear optical properties. <i>Dalton Transactions</i> , 2023, 52, 4309-4314.	3.0	22
46	Titanium Sulfonate-Based Metal ^{II} -Organic Frameworks. <i>Crystal Growth and Design</i> , 2023, 23, 3778-3784.	3.4	14
47	From an aluminum oxo cluster to an aluminum oxo cluster organic cage. <i>Chemical Communications</i> , 2023, 59, 3411-3414.	3.4	8
48	In situ pyrazolylborate ligand synthesis and coordination behaviours in aluminum oxo clusters. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 1887-1893.	6.3	7
49	Post-Assembly Modification of Homochiral Titanium ^{II} -Organic Cages for Recognition and Separation of Molecular Isomers. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.4	28
50	Ligand evolution on trigonal bipyramidal boron imidazolate cages for enhanced optical limiting. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 2136-2144.	6.3	10
51	Enhancing Third-Order Nonlinear Optical Property by Regulating Interaction between Zr ₄ (embonate) ₆ Cage and N, N-Chelated Transition-Metal Cation. <i>Molecules</i> , 2023, 28, 2301.	4.2	5
52	Coordination-Induced Symmetry Breaking on Metal-Porphyrinic Framework Thin Films for Enhanced Nonlinear Optical Limiting. <i>Nano Letters</i> , 2023, 23, 3062-3069.	8.7	33
53	Enhancing CO ₂ Electroreduction to Ethylene via Copper ^I -Silver Tandem Catalyst in Boron ^{III} -imidazolate Framework Nanosheet. <i>Advanced Energy Materials</i> , 2023, 13, .	22.5	74
54	Accurate binding of porous aluminum molecular ring catalysts with the substrate. <i>Chemical Science</i> , 2023, 14, 5396-5404.	7.1	12

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55	Biomimetic Cu ₄ Cluster Encapsulated within Hollow Titanium-Oxo Nanoring for Electrochemical CO ₂ Reduction to Ethylene. , 2023, 5, 1527-1531.		27
56	Supramolecular Chemistry of Windmill-like Al ₁₀ Clusters: Adjustable Guests and Hydrogen-Bonding Networks for Enhanced Optical Limiting. Inorganic Chemistry, 2023, 62, 8300-8308.	4.6	0
57	Theoretical study on the application of the largest aluminum-pyrazole ring in electrochemical nitrogen reduction reaction. Chinese Chemical Letters, 2023, 34, 108604.	7.5	3
58	Highly Efficient Light Helicity Detection of Enantiomers by Chiral Metal-Organic Framework Thin Films. Nano Letters, 2023, 23, 5794-5801.	8.7	37
59	Predict the Polarizability and Order of Magnitude of Second Hyperpolarizability of Molecules by Machine Learning. Journal of Physical Chemistry A, 2023, 127, 6109-6115.	2.5	12
60	Ligand-dependent structural diversity and optimizable CO ₂ chemical fixation activities of Cu-doped polyoxo-titanium clusters. Dalton Transactions, 2023, 52, 11451-11457.	3.0	4
61	Sequential Aggregation of Heterometallic {M ₄ X ₄ }-Cubanes to Wheel-Shaped In ₁₀ Ni ₈ -Oxo Clusters for Optical Limiting Application. Chemistry of Materials, 2023, 35, 5845-5853.	6.7	14
62	Hydroxyl reduced silver nanoparticles on ultrathin boron imidazolate framework nanosheets for electrocatalytic CO ₂ reduction. Sustainable Energy and Fuels, 2023, 7, 4120-4126.	3.9	2
63	Reversely Trapping Isolated Atoms in High Oxidation State for Accelerating the Oxygen Evolution Reaction Kinetics. Angewandte Chemie - International Edition, 2023, 62, .	14.4	29
64	Reversely Trapping Isolated Atoms in High Oxidation State for Accelerating the Oxygen Evolution Reaction Kinetics. Angewandte Chemie, 2023, 135, .	1.4	1
65	Outer Helmholtz Plane Regulation and In Situ Zn Surface Reconstruction for Highly Reversible Zn Anodes. Advanced Functional Materials, 2023, 33, .	17.0	17
66	Enhancing the photocatalytic efficiency of two-dimensional aluminum nitride materials through strategic rare earth doping. Physical Chemistry Chemical Physics, 2023, 25, 25442-25449.	2.7	3
67	Inducing Circularly Polarized Luminescence by Confined Synthesis of Ultrasmall Chiral Carbon Nanodot Arrays in Pyrene-Based MOF Thin Film. ACS Nano, 2023, 17, 19136-19143.	15.3	38
68	Visible-Light-Active Titanium Sulfonate Framework for Photocatalytic Organic Synthesis. , 2023, 5, 2836-2842.		25
69	Recent Applications of Multifunctional Boron Imidazolate Framework Materials. Accounts of Materials Research, 2023, 4, 995-1007.	12.4	17
70	Bioinspired Polyoxo-titanium Cluster for Greatly Enhanced Solar-Driven CO ₂ Reduction. Nano Letters, 2023, 23, 11562-11568.	8.7	12
71	Multilevel-Regulated Metal-Organic Framework Platform Integrating Pore Space Partition and Open-Metal Sites for Enhanced CO ₂ Photoreduction to CO with Nearly 100% Selectivity. Journal of the American Chemical Society, 2023, 145, 27728-27739.	15.0	115
72	Energy Band Alignment and Redox-Active Sites in Metalloporphyrin-Spaced Metal-Catechol Frameworks for Enhanced CO ₂ Photoreduction. Angewandte Chemie - International Edition, 2022, 61, .	14.4	44

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73	Synthesis, Structure, and Light Absorption Behaviors of Prismatic Titanium-Oxo Clusters Containing Lacunary Lindqvist-like Species. <i>Inorganic Chemistry</i> , 2022, 61, 1385-1390.	4.6	7
74	Stepwise assembly and reversible structural transformation of ligated titanium coated bismuth-oxo cores: shell morphology engineering for enhanced chemical fixation of CO ₂ . <i>Chemical Science</i> , 2022, 13, 3395-3401.	7.1	23
75	Aluminum molecular rings bearing amino-polyalcohol for iodine capture. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 592-598.	6.3	15
76	Heterometallic chiral [Mn ₁₃ Cu ₈] single-molecule magnets. <i>Dalton Transactions</i> , 2022, 51, 2652-2655.	3.0	5
77	Efficient access to 1,3,4-trisubstituted pyrroles via gold-catalysed cycloisomerization of 1,5-diyne. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1647-1651.	2.6	6
78	Triethanolamine stabilized non-alkyl Sn ₄ Cd ₄ and alkyl Sn ₂ Cd ₁₂ oxo clusters with distinct electrocatalytic activities. <i>Chemical Communications</i> , 2022, 58, 4759-4762.	3.4	6
79	Tunable third-order nonlinear optical effect via modifying Ti ₄ (embonate) ₆ cage-based ionic pairs. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1984-1991.	6.3	13
80	Syntheses of new zeolitic imidazolate frameworks in dimethyl sulfoxide. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2011-2015.	6.3	9
81	Synergistic Lewis acid and Pd active sites of metal-organic frameworks for highly efficient carbonylation of methyl nitrite to dimethyl carbonate. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2379-2388.	6.3	23
82	Inorganic acid influenced formation of Ti ₂₆ and Ti ₄₄ oxysulfate clusters with toroidal and capsule structures. <i>Dalton Transactions</i> , 2022, 51, 6162-6165.	3.0	4
83	Acid-base resistant ligand-modified molybdenum-sulfur clusters with enhanced photocatalytic activity towards hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7138-7145.	9.3	17
84	Preparation and Visible-Light Response of Salicylate-Stabilized Heterobimetallic Pb-Ti-Oxo Clusters Initiated via Auxiliary Quaternary Ammonium Salts and a Solvent Effect. <i>Inorganic Chemistry</i> , 2022, 61, 5017-5024.	4.6	7
85	Chiral-Induced Ultrathin Covalent Organic Frameworks Nanosheets with Tunable Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 7245-7252.	15.0	163
86	Composite of CsPbBr ₃ with Boron Imidazolate Frameworks as an Efficient Visible-Light Photocatalyst for CO ₂ Reduction. <i>ACS Applied Energy Materials</i> , 2022, 5, 1175-1182.	5.4	23
87	Synthesis and Third-Order Nonlinear Optical Properties of Metal-Organic Zeolites Built from Ti ₄ (embonate) ₆ Tetrahedra. <i>Crystal Growth and Design</i> , 2022, 22, 66-73.	3.4	9
88	Host-Guest Pore Space Partition in a Boron Imidazolate Framework for Ethylene Separation. <i>Chemistry of Materials</i> , 2022, 34, 307-313.	6.7	40
89	Construction and two-dimensional assembly of double-shell Na@Sn ₆ L ₆ @Sn ₃ L ₃ clusters through tetrahedral citrate ligands. <i>Chemical Communications</i> , 2022, 58, 5650-5652.	3.4	7
90	Designable assembly of atomically precise Al ₄ O ₄ cubane supported mesoporous heterometallic architectures. <i>Chemical Science</i> , 2022, 13, 5693-5700.	7.1	7

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91	Induction of Chirality in Boron Imidazolate Frameworks: The Structure-Directing Effects of Substituents. <i>Inorganic Chemistry</i> , 2022, 61, 6861-6868.	4.6	6
92	Black Titanium-Oxo Clusters with Ultralow Band Gaps and Enhanced Nonlinear Optical Performance. <i>Journal of the American Chemical Society</i> , 2022, 144, 8153-8161.	15.0	90
93	Chiral Induction in Aluminum Oxo Sulfate Helical Chains. <i>Crystal Growth and Design</i> , 2022, 22, 3954-3960.	3.4	2
94	Facile Synthesis of a Long Afterglow Calcium-Organic Framework in Water. <i>ACS Omega</i> , 2022, 7, 22015-22019.	4.2	9
95	Divergent Access to Polycyclic N-Heterocyclic Compounds through Buchner-Type Dearomatization Enabled Cycloisomerization of Diamides under Gold Catalysis. <i>Organic Letters</i> , 2022, 24, 4298-4303.	4.8	13
96	Synthesis of a Zr ₄ (embonate) ₆ -cobalt based superstructure for photocatalytic hydrogen production. <i>Dalton Transactions</i> , 2022, 51, 11612-11616.	3.0	2
97	Combination of aluminum molecular rings with chemical reduction centers for iodine capture and aggregation. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4506-4516.	6.3	19
98	Optimizing Photodetectors in Two-Dimensional Metal-Metalloporphyrinic Framework Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33548-33554.	8.0	42
99	Designing Cage-Supported Cluster-Organic Framework for Highly Efficient Optical Limiting. , 2022, 4, 1397-1401		10
100	Combining Ti ₄ (embonate) ₆ cages and [Pb ₄ (OH) ₄] ⁴⁺ clusters for enhanced third-order nonlinear optical property. <i>Polyoxometalates</i> , 2022, 1, 914	10.5	18
101	Metal-Organic Framework with Structural Flexibility Responding Specifically to Acetylene and Its Adsorption Behavior. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 45451-45457.	8.0	16
102	Coordination-Delayed-Hydrolysis Method for the Synthesis and Structural Modulation of Titanium-Oxo Clusters. <i>Accounts of Chemical Research</i> , 2022, 55, 3150-3161.	17.0	59
103	Electrically regulating nonlinear optical limiting of metal-organic framework film. <i>Nature Communications</i> , 2022, 13, .	13.7	127
104	Precisely Tailoring Heterometallic Polyoxotitanium Clusters for the Efficient and Selective Photocatalytic Oxidation of Hydrocarbons. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	8
105	Precisely Tailoring Heterometallic Polyoxotitanium Clusters for the Efficient and Selective Photocatalytic Oxidation of Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.4	54
106	Syntheses of ferrocene-functionalized indium-based metal-organic frameworks for third order nonlinear optical application. <i>Inorganic Chemistry Frontiers</i> , 2022, 10, 201-210.	6.3	13
107	Water-stable porous Al ₂₄ Archimedean solids for removal of trace iodine. <i>Nature Communications</i> , 2022, 13, .	13.7	79
108	Assembly and packing models of [Ti ₆ Co ₁₂] ring based on the titanium-capped cobalt clathrochelates. <i>Chinese Chemical Letters</i> , 2021, 32, 923-925.	7.5	7

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109	Design of Hybrid Zeolitic Imidazolate Framework-Derived Material with Ca-Mo-S Triatomic Coordination for Electrochemical Oxygen Reduction. <i>Small</i> , 2021, 17, .	11.5	18
110	Combining a Titanium-Organic Cage and a Hydrogen-Bonded Organic Cage for Highly Effective Third-Order Nonlinear Optics. <i>Angewandte Chemie</i> , 2021, 133, 2956-2959.	1.4	11
111	Construction of Metal-Organic Frameworks with Various Zinc-Tetrazolate Nanotubes. <i>Crystal Growth and Design</i> , 2021, 21, 28-32.	3.4	17
112	Designable Al ₃₂ -Oxo Clusters with Hydrotalcite-Like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4849-4854.	14.4	61
113	Polyoxo-titanium clusters promoted photocatalytic H ₂ evolution activity in a NiS modified CdS/MIL-101 system. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 6369-6379.	9.0	20
114	Atomically defined Co on two-dimensional TiO ₂ nanosheet for photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2021, 420, 127681.	12.0	55
115	Induction of Chirality in a Metal-Organic Framework Built from Achiral Precursors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3087-3094.	14.4	60
116	Construction of Titanium-Based Metal-Organic Frameworks Based on the Ti/Cu Heteronuclear Cluster. <i>Inorganic Chemistry</i> , 2021, 60, 24-27.	4.6	6
117	A Cu(I) based boron imidazolate framework for visible light driven CO ₂ reduction. <i>Dalton Transactions</i> , 2021, 50, 490-493.	3.0	11
118	Large Titanium-Oxo Clusters as Precursors to Synthesize the Single Crystals of Ti-MOFs. , 2021, 3, 64-68.		83
119	Single-Crystal Syntheses and Properties of Indium-Organic Frameworks Based on 1,1'-Ferrocenedicarboxylic Acid. <i>Inorganic Chemistry</i> , 2021, 60, 239-245.	4.6	14
120	Designable Al ₃₂ -Oxo Clusters with Hydrotalcite-Like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. <i>Angewandte Chemie</i> , 2021, 133, 4899-4904.	1.4	5
121	Engineering nanointerface of molybdenum-based heterostructures to boost the electrocatalytic hydrogen evolution reaction. <i>Journal of Energy Chemistry</i> , 2021, 58, 370-376.	14.2	25
122	Combining a Titanium-Organic Cage and a Hydrogen-Bonded Organic Cage for Highly Effective Third-Order Nonlinear Optics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2920-2923.	14.4	76
123	Unraveling the condensation reactions of heterometallic {BiNb ₄ } moieties into hybrid Bi _x Nb _y -oxo clusters with mass spectrometry. <i>Science China Chemistry</i> , 2021, 64, 413-418.	8.3	8
124	Highly efficient electrocatalysts for overall water splitting: mesoporous CoS/MoS ₂ with hetero-interfaces. <i>Chemical Communications</i> , 2021, 57, 4847-4850.	3.4	69
125	Functional ligand directed assembly and electronic structure of Sn ₁₈ -oxo wheel nanoclusters. <i>Chemical Communications</i> , 2021, 57, 5159-5162.	3.4	13
126	Homochiral metal-organic frameworks for enantioseparation. <i>Chemical Society Reviews</i> , 2021, 50, 5706-5745.	37.7	140

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127	Surface chiroselective assembly of enantiopure crystalline porous films containing bichiral building blocks. <i>Chemical Science</i> , 2021, 12, 12346-12352.	7.1	19
128	A hybrid zeolitic imidazolate framework-derived ZnO/ZnMoO ₄ heterostructure for electrochemical hydrogen production. <i>Dalton Transactions</i> , 2021, 50, 11365-11369.	3.0	15
129	Molecular bixbyite-like In ₂ O ₃ clusters with tunable functionalization sites for lithography patterning applications. <i>Chemical Science</i> , 2021, 12, 14414-14419.	7.1	25
130	Chiral induction in boron imidazolate frameworks: the construction of cage-based absolute helices. <i>Chemical Communications</i> , 2021, 57, 5020-5023.	3.4	13
131	Rational assembly of metal-oxo clusters into molecular materials via a "wheel mounting" mode. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4102-4106.	6.3	1
132	Aluminium nanorings: configuration deformation and structural transformation. <i>Chemical Communications</i> , 2021, 57, 2085-2088.	3.4	10
133	A metal-porphyrinic framework film as an efficient optical limiting layer in an electro-optical switchable device. <i>Chemical Communications</i> , 2021, 57, 10166-10169.	3.4	13
134	Organocatalytic enantioselective Diels-Alder reaction between hydroxymaleimides and in situ generated nitrosoalkenes for direct preparation of chiral hemiketals with 1,2-oxazine skeleton. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6215-6219.	4.4	12
135	Experimental and Theoretical Studies on Effects of Structural Modification of Tin Nanoclusters for Third-Order Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2021, 60, 1885-1892.	4.6	33
136	Step by Step Bisacrificial Templates Growth of Bimetallic Sulfide QDs-Attached MOF Nanosheets for Nonlinear Optical Limiting. <i>Advanced Optical Materials</i> , 2021, 9, .	7.0	37
137	Vertically Aligned MoS ₂ with In-Plane Selectively Cleaved Mo-S Bond for Hydrogen Production. <i>Nano Letters</i> , 2021, 21, 1848-1855.	8.7	80
138	Hybrid Zeolitic Imidazolate Frameworks for Promoting Electrocatalytic Oxygen Evolution via a Dual-Site Relay Mechanism. <i>Inorganic Chemistry</i> , 2021, 60, 3074-3081.	4.6	22
139	Phosphorescent Calcium-Based Metal-Organic Framework with Second-Scale Long Afterglow. <i>Inorganic Chemistry</i> , 2021, 60, 10075-10078.	4.6	22
140	Synthesis, Structures, and Fluorescence Properties of Dimeric Aluminum Oxo Clusters. <i>Inorganic Chemistry</i> , 2021, 60, 7089-7093.	4.6	10
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278	Assembly of titanium-oxo cations with copper-halide anions to form supersalt-type cluster-based materials. <i>Chemical Communications</i> , 2017, 53, 3949-3951.	3.4	44
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283	Synthesis of Homochiral Zeolitic Tetrazolate Frameworks Based on Enantiopure Porphyrin-like Subunits. <i>Crystal Growth and Design</i> , 2017, 17, 5393-5397.	3.4	18
284	Syntheses, crystal structures and fluorescent properties of three metal-tris(4-carboxybiphenyl)amine frameworks. <i>Journal of Solid State Chemistry</i> , 2017, 255, 200-205.	3.3	11
285	p-Arsanilic acid stabilizing titanium-oxo clusters with various core structures and light absorption behaviours. <i>Inorganic Chemistry Communication</i> , 2017, 86, 14-17.	4.8	6
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301	Synthesis of metal-adeninate frameworks with high separation capacity on C2/C1 hydrocarbons. <i>Journal of Solid State Chemistry</i> , 2016, 238, 241-245.	3.3	21
302	Catenation of Homochiral Metal-Organic Nanocages or Nanotubes. <i>Inorganic Chemistry</i> , 2016, 55, 5095-5097.	4.6	21
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304	A Confined Fabrication of Perovskite Quantum Dots in Oriented MOF Thin Film. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28737-28742.	8.0	167
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312	A pair of novel Cd(II) enantiomers based on lactate derivatives: Synthesis, crystal structures and properties. <i>Journal of Solid State Chemistry</i> , 2016, 241, 105-109.	3.3	6
313	Synthesis of Metal-Organic Zeolites with Homochirality and High Porosity for Enantioselective Separation. <i>Inorganic Chemistry</i> , 2016, 55, 6355-6357.	4.6	23
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316	Water-Stable Homochiral Cluster Organic Frameworks Built by Two Kinds of Large Tetrahedral Cluster Units. <i>Chemistry - A European Journal</i> , 2016, 22, 2611-2615.	3.4	22
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319	Mechanochromic Cu(I) boron imidazolate frameworks with low-dimensional structures and reducing function. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 263-267.	6.3	28
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339	A Series of Homochiral Helical Metal-Organic Frameworks Based on Proline Derivatives. <i>Crystal Growth and Design</i> , 2015, 15, 5901-5909.	3.4	29
340	A stable zinc-4-carboxypyrazole framework with high uptake and selectivity of light hydrocarbons. <i>Dalton Transactions</i> , 2015, 44, 2893-2896.	3.0	48
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348	Gas Sorption, Second-Order Nonlinear Optics, and Luminescence Properties of a Multifunctional srs-Type Metal ²⁺ -Organic Framework Built by Tris(4-carboxylphenyl)durylamine. <i>Inorganic Chemistry</i> , 2015, 54, 6653-6656.	4.6	50
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352	Anionic Metal ²⁺ -Organic Framework for Adsorption and Separation of Light Hydrocarbons. <i>Inorganic Chemistry</i> , 2015, 54, 3093-3095.	4.6	44
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356	Five porous zinc(ii) coordination polymers functionalized with amide groups: cooperative and size-selective catalysis. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20210-20217.	9.3	47
357	Asymmetric induction in homochiral MOFs: from interweaving double helices to single helices. <i>Chemical Communications</i> , 2015, 51, 16331-16333.	3.4	35
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365	Highly Selective and Sensitive Trimethylamine Gas Sensor Based on Cobalt Imidazolate Framework Material. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22871-22875.	8.0	188
366	Metal-organic frameworks based upon non-zeotype 4-connected topology. <i>Coordination Chemistry Reviews</i> , 2014, 261, 1-27.	23.1	289
367	Chiral and achiral imidazole-linked tetrahedral zinc phosphonate frameworks with photoluminescent properties. <i>Dalton Transactions</i> , 2014, 43, 285-289.	3.0	34
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377	Zeolitic Metal–Organic Frameworks Based on Amino Acid. <i>Inorganic Chemistry</i> , 2014, 53, 10027-10029.	4.6	50
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380	Organic Cation Templated Synthesis of Three Zinc ²⁺ -2,5-Thiophenedicarboxylate Frameworks for Selective Gas Sorption. <i>Crystal Growth and Design</i> , 2014, 14, 3493-3498.	3.4	20
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392	Tuning structural topologies of four Ni(II) coordination polymers through modifying the substitute group of organic ligand. <i>CrystEngComm</i> , 2013, 15, 6191.	2.4	63
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399	Using alkaline-earth metal ions to tune structural variations of 1,3,5-benzenetricarboxylate coordination polymers. <i>Dalton Transactions</i> , 2013, 42, 2294-2301.	3.0	139
400	Organic templates promoted photocatalytic and photoluminescent properties between two coordination polymers. <i>CrystEngComm</i> , 2013, 15, 10423.	2.4	17
401	A multifunctional helical Cu(I) coordination polymer with mechanochromic, sensing and photocatalytic properties. <i>Chemical Communications</i> , 2013, 49, 5660.	3.4	284
402	Stable Mg-Metal-Organic Framework (MOF) and Unstable Zn-MOF Based on Nanosized Tris((4-carboxyl)phenyl)duryl)amine Ligand. <i>Crystal Growth and Design</i> , 2013, 13, 6-9.	3.4	68
403	Enhancing CO_2 adsorption enthalpy and selectivity via amino functionalization of a tetrahedral framework material. <i>CrystEngComm</i> , 2013, 15, 658-661.	2.4	35
404	Tuning structural topologies of five photoluminescent Cd(II) coordination polymers through modifying the substitute group of organic ligand. <i>Journal of Solid State Chemistry</i> , 2013, 199, 42-48.	3.3	50
405	Urothermal synthesis of photoluminescent lanthanide-organic frameworks with unusual topologies. <i>CrystEngComm</i> , 2013, 15, 315-323.	2.4	45
406	Temperature-dependent urothermal synthesis of two distinct La(III)-naphthalenedicarboxylate frameworks. <i>Inorganic Chemistry Communication</i> , 2013, 29, 148-150.	4.8	18
407	Ionothermal Synthesis of Chiral Metal Phosphite Open Frameworks with In Situ Generated Organic Templates. <i>Inorganic Chemistry</i> , 2013, 52, 5654-5656.	4.6	45
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412	Porous ctn -Type Boron Imidazolate Framework for Gas Storage and Separation. <i>Chemistry - A European Journal</i> , 2013, 19, 11527-11530.	3.4	52
413	Cluster-Organic Framework Materials as Heterogeneous Catalysts for High Efficient Addition Reaction of Diethylzinc to Aromatic Aldehydes. <i>Chemistry of Materials</i> , 2012, 24, 4711-4716.	6.7	126
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416	A microporous indium ³⁺ organic framework with high capacity and selectivity for CO ₂ or organosulfurs. <i>Dalton Transactions</i> , 2012, 41, 2873.	3.0	20
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