

Jian Zhang

List of Publications by Year in descending order

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24,858
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5430

85
h-index

16186

128
g-index

488
all docs

488
docs citations

488
times ranked

16112
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable chiroptical application by encapsulating achiral lanthanide complexes into chiral MOF thin films. <i>Nano Research</i> , 2022, 15, 1102-1108.	5.8	34
2	Energy Band Alignment and Redox-Active Sites in Metalloporphyrin-Spaced Metal-Catechol Frameworks for Enhanced CO ₂ Photoreduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	23
3	Synthesis, Structure, and Light Absorption Behaviors of Prismatic Titanium-Oxo Clusters Containing Lacunary Lindqvist-like Species. <i>Inorganic Chemistry</i> , 2022, 61, 1385-1390.	1.9	3
4	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.	3.7	17
5	Aluminum molecular rings bearing amino-polyalcohol for iodine capture. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 592-598.	3.0	9
6	Heterometallic chiral [Mn ₁₃ Cu ₈] single-molecule magnets. <i>Dalton Transactions</i> , 2022, , .	1.6	3
7	Efficient access to 1,3,4-trisubstituted pyrroles via gold-catalysed cycloisomerization of 1,5-diyne. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	1.5	3
8	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.	2.2	4
9	Tunable third-order nonlinear optical effect <i>via</i> modifying Ti ₄ (embonate) ₆ cage-based ionic pairs. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1984-1991.	3.0	8
10	Syntheses of new zeolitic imidazolate frameworks in dimethyl sulfoxide. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2011-2015.	3.0	6
11	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.	3.0	11
12	Inorganic acid influenced formation of Ti ₂₆ and Ti ₄₄ oxysulfate clusters with toroidal and capsule structures. <i>Dalton Transactions</i> , 2022, , .	1.6	3
13	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.	5.2	7
14	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.	1.9	3
15	Chiral-Induced Ultrathin Covalent Organic Frameworks Nanosheets with Tunable Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 7245-7252.	6.6	52
16	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.	2.5	15
17	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.	1.4	4
18	Host-Guest Pore Space Partition in a Boron Imidazolate Framework for Ethylene Separation. <i>Chemistry of Materials</i> , 2022, 34, 307-313.	3.2	23

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19	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.	2.2	3
20	Induction of Chirality in Boron Imidazolate Frameworks: The Structure-Directing Effects of Substituents. <i>Inorganic Chemistry</i> , 2022, 61, 6861-6868.	1.9	5
21	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.	6.6	39
22	Chiral Induction in Aluminum Oxo Sulfate Helical Chains. <i>Crystal Growth and Design</i> , 2022, 22, 3954-3960.	1.4	2
23	Facile Synthesis of a Long Afterglow Calcium-Organic Framework in Water. <i>ACS Omega</i> , 2022, 7, 22015-22019.	1.6	6
24	Divergent Access to Polycyclic <i>N</i> -Heterocyclic Compounds through B�chner-Type Dearomatization Enabled Cycloisomerization of Diamides under Gold Catalysis. <i>Organic Letters</i> , 2022, 24, 4298-4303.	2.4	6
25	Optimizing Photodetectors in Two-Dimensional Metal-Metalloporphyrinic Framework Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33548-33554.	4.0	13
26	Designing Cage-Supported Cluster-Organic Framework for Highly Efficient Optical Limiting. , 2022, 4, 1397-1401.		3
27	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.	4.8	7
28	Design of Hybrid Zeolitic Imidazolate Framework-Derived Material with Ca-Mo-S Triatomic Coordination for Electrochemical Oxygen Reduction. <i>Small</i> , 2021, 17, e2003256.	5.2	14
29	Epitaxial growth of prussian blue analogue derived NiFeP thin film for efficient electrocatalytic hydrogen evolution reaction. <i>Journal of Solid State Chemistry</i> , 2021, 293, 121779.	1.4	14
30	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.	1.6	9
31	Construction of Metal-Organic Frameworks with Various Zinc-Tetrazolate Nanotubes. <i>Crystal Growth and Design</i> , 2021, 21, 28-32.	1.4	10
32	Designable Al ₃₂ -Oxo Clusters with Hydroxalate-Like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4849-4854.	7.2	39
33	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.	3.8	10
34	Atomically defined Co on two-dimensional TiO ₂ nanosheet for photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2021, 420, 127681.	6.6	40
35	Induction of Chirality in a Metal-Organic Framework Built from Achiral Precursors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3087-3094.	7.2	41
36	Construction of Titanium-Based Metal-Organic Frameworks Based on the Ti/Cu Heteronuclear Cluster. <i>Inorganic Chemistry</i> , 2021, 60, 24-27.	1.9	4

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37	A Cu(<i>scp</i>) based boron imidazolate framework for visible light driven CO ₂ reduction. Dalton Transactions, 2021, 50, 490-493.	1.6	7
38	Large Titanium-Oxo Clusters as Precursors to Synthesize the Single Crystals of Ti-MOFs. , 2021, 3, 64-68.		62
39	Single-Crystal Syntheses and Properties of Indium-Organic Frameworks Based on 1,1- <i>ε</i> ² -Ferrocenedicarboxylic Acid. Inorganic Chemistry, 2021, 60, 239-245.	1.9	9
40	Designable Al ₃₂ -Oxo Clusters with Hydrotalcite-Like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. Angewandte Chemie, 2021, 133, 4899-4904.	1.6	3
41	Engineering nanointerface of molybdenum-based heterostructures to boost the electrocatalytic hydrogen evolution reaction. Journal of Energy Chemistry, 2021, 58, 370-376.	7.1	18
42	Combining a Titanium-Organic Cage and a Hydrogen-Bonded Organic Cage for Highly Effective Third-Order Nonlinear Optics. Angewandte Chemie - International Edition, 2021, 60, 2920-2923.	7.2	59
43	Investigation on the variation regularity of the characteristic droplet diameters in the swirling flow field. Chemical Engineering Science, 2021, 229, 116153.	1.9	13
44	Unraveling the condensation reactions of heterometallic {BiNb ₄ } moieties into hybrid Bi _x Nb _y -oxo clusters with mass spectrometry. Science China Chemistry, 2021, 64, 413-418.	4.2	5
45	Highly efficient electrocatalysts for overall water splitting: mesoporous CoS/MoS ₂ with hetero-interfaces. Chemical Communications, 2021, 57, 4847-4850.	2.2	45
46	Functional ligand directed assembly and electronic structure of Sn ₁₈ -oxo wheel nanoclusters. Chemical Communications, 2021, 57, 5159-5162.	2.2	4
47	Homochiral metal-organic frameworks for enantioseparation. Chemical Society Reviews, 2021, 50, 5706-5745.	18.7	86
48	Surface chiroselective assembly of enantiopure crystalline porous films containing bichiral building blocks. Chemical Science, 2021, 12, 12346-12352.	3.7	11
49	A hybrid zeolitic imidazolate framework-derived ZnO/ZnMoO ₄ heterostructure for electrochemical hydrogen production. Dalton Transactions, 2021, 50, 11365-11369.	1.6	7
50	Molecular bixbyite-like In ₁₂ -oxo clusters with tunable functionalization sites for lithography patterning applications. Chemical Science, 2021, 12, 14414-14419.	3.7	11
51	Chiral induction in boron imidazolate frameworks: the construction of cage-based absolute helices. Chemical Communications, 2021, 57, 5020-5023.	2.2	11
52	Rational assembly of metal-oxo clusters into molecular materials <i>via</i> a "wheel mounting" mode. Inorganic Chemistry Frontiers, 2021, 8, 4102-4106.	3.0	0
53	Aluminium nanorings: configuration deformation and structural transformation. Chemical Communications, 2021, 57, 2085-2088.	2.2	10
54	A metal-porphyrinic framework film as an efficient optical limiting layer in an electro-optical switchable device. Chemical Communications, 2021, 57, 10166-10169.	2.2	8

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55	Organocatalytic enantioselective Diels-Alder reaction between hydroxymaleimides and <i>in situ</i> generated nitrosoalkenes for direct preparation of chiral hemiketals with 1,2-oxazine skeleton. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6215-6219.	2.3	2
56	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.	1.9	21
57	Step by Step Bisacrificial Templates Growth of Bimetallic Sulfide QDs-Attached MOF Nanosheets for Nonlinear Optical Limiting. <i>Advanced Optical Materials</i> , 2021, 9, 2002072.	3.6	25
58	Vertically Aligned MoS ₂ with In-Plane Selectively Cleaved Mo-S Bond for Hydrogen Production. <i>Nano Letters</i> , 2021, 21, 1848-1855.	4.5	63
59	Hybrid Zeolitic Imidazolate Frameworks for Promoting Electrocatalytic Oxygen Evolution via a Dual-Site Relay Mechanism. <i>Inorganic Chemistry</i> , 2021, 60, 3074-3081.	1.9	17
60	Phosphorescent Calcium-Based Metal-Organic Framework with Second-Scale Long Afterglow. <i>Inorganic Chemistry</i> , 2021, 60, 10075-10078.	1.9	11
61	Synthesis and Structure of a Series of Ti ₆ -oxo Clusters Functionalized by <i>in situ</i> Esterified Dicarboxylate Ligands. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1259-1264.	2.6	6
62	Synthesis, Structures, and Fluorescence Properties of Dimeric Aluminum Oxo Clusters. <i>Inorganic Chemistry</i> , 2021, 60, 7089-7093.	1.9	6
63	Threefold Collaborative Stabilization of Ag ₁₄ -Nanorods by Hydrophobic Ti ₁₆ -oxo Clusters and Alkynes: Designable Assembly and Solid-State Optical Limiting Application. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12949-12954.	7.2	38
64	Oriented Growth of In-oxo Chain Based Metal-Porphyrin Framework Thin Film for High-Sensitive Photodetector. <i>Advanced Science</i> , 2021, 8, 2100548.	5.6	23
65	Synthesis of a Boron-Imidazolate Framework Nanosheet with Dimer Copper Units for CO ₂ Electroreduction to Ethylene. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16687-16692.	7.2	99
66	Synthesis of a Boron-Imidazolate Framework Nanosheet with Dimer Copper Units for CO ₂ Electroreduction to Ethylene. <i>Angewandte Chemie</i> , 2021, 133, 16823-16828.	1.6	10
67	Design and synthesis of zeolitic tetrazolate-imidazolate frameworks. <i>Materials Today Advances</i> , 2021, 10, 100145.	2.5	10
68	Engineering the Coordination Sphere of Isolated Active Sites to Explore the Intrinsic Activity in Single-Atom Catalysts. <i>Nano-Micro Letters</i> , 2021, 13, 136.	14.4	138
69	Odd-membered cyclic hetero-polyoxotitanate nanoclusters with high stability and photocatalytic H ₂ evolution activity. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1332-1337.	6.9	5
70	Tin Metal Cluster Compounds as New Third-Order Nonlinear Optical Materials by Computational Study. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7537-7544.	2.1	13
71	Designable Assembly of Aluminum Molecular Rings for Sequential Confinement of Iodine Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21426-21433.	7.2	49
72	Phenol-triggered supramolecular transformation of titanium-oxo cluster based coordination capsules. <i>Chinese Chemical Letters</i> , 2021, 32, 2415-2418.	4.8	6

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73	Recent Advances on Transition Metal Dichalcogenides for Electrochemical Energy Conversion. <i>Advanced Materials</i> , 2021, 33, e2008376.	11.1	114
74	Two Isostructural Titanium Metal-Organic Frameworks for Light Hydrocarbon Separation. <i>Inorganic Chemistry</i> , 2021, 60, 13955-13959.	1.9	12
75	Protection of Ag Clusters by Metal-Oxo Modules. <i>Chemistry - A European Journal</i> , 2021, 27, 15563-15570.	1.7	10
76	Macrocyclic Inorganic Tin-Containing Oxo Clusters: Heterometallic Strategy for Configuration and Catalytic Activity Modulation. <i>Chemistry - A European Journal</i> , 2021, 27, 16117-16120.	1.7	6
77	Interpenetrated Metal-Porphyrinic Framework for Enhanced Nonlinear Optical Limiting. <i>Journal of the American Chemical Society</i> , 2021, 143, 17162-17169.	6.6	85
78	Mesoporous Assembly of Aluminum Molecular Rings for Iodine Capture. <i>Journal of the American Chemical Society</i> , 2021, 143, 2325-2330.	6.6	98
79	Sn ₆ and Na ₄ Oxo Clusters Based Non-centrosymmetric Framework for Solution Iodine Absorption and Second Harmonic Generation Response. <i>Inorganic Chemistry</i> , 2021, 60, 1985-1990.	1.9	10
80	Asymmetric metal-organic frameworks with double helices for enantioselective recognition. <i>CrystEngComm</i> , 2021, 23, 4748-4751.	1.3	3
81	Surface-coordinated metal-organic framework thin films (SURMOFs): From fabrication to energy applications. <i>EnergyChem</i> , 2021, 3, 100065.	10.1	25
82	The Synthesis and Properties of TIPA-Dominated Porous Metal-Organic Frameworks. <i>Nanomaterials</i> , 2021, 11, 2791.	1.9	3
83	Heterometallic Al ₆ Zn ₁₂ nano-plate with π -conjugated ligand: synthesis and nonlinear absorption properties. <i>Chemical Communications</i> , 2021, 57, 12820-12823.	2.2	3
84	Oriented Assembly of 2D Metal-Pyridylporphyrinic Framework Films for Giant Nonlinear Optical Limiting. <i>Nano Letters</i> , 2021, 21, 10012-10018.	4.5	28
85	Coordination Assembly of Tetrahedral Zr ₄ (embonate) ₆ Cages with Eu ³⁺ Ions. <i>Inorganic Chemistry</i> , 2021, 60, 18178-18184.	1.9	7
86	Novel Third-Order Nonlinear Optical Materials with Craig-Möbius Aromaticity. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11784-11789.	2.1	13
87	Metal-organic frameworks for electrochemical reduction of carbon dioxide: The role of metal centers. <i>Journal of Energy Chemistry</i> , 2020, 40, 156-170.	7.1	130
88	Subnanometer iron clusters confined in a porous carbon matrix for highly efficient zinc-air batteries. <i>Nanoscale Horizons</i> , 2020, 5, 359-365.	4.1	27
89	A core-shell type alkyl-Sn-oxo cluster of {Sn ₁₄ As ₁₆ } bridged by 4-aminophenylarsonate ligands and incorporated with a {Na ₆ } cluster. <i>Chemical Communications</i> , 2020, 56, 1433-1435.	2.2	11
90	Ti ₄ (embonate) ₆ Cage-Ligand Strategy on the Construction of Metal-Organic Frameworks with High Stability and Gas Sorption Properties. <i>Inorganic Chemistry</i> , 2020, 59, 964-967.	1.9	21

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91	Auto-controlled fabrication of a metal-porphyrin framework thin film with tunable optical limiting effects. <i>Chemical Science</i> , 2020, 11, 1935-1942.	3.7	68
92	Co ₉ S ₈ integrated into nitrogen/sulfur dual-doped carbon nanofibers as an efficient oxygen bifunctional electrocatalyst for Zn-air batteries. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1093-1098.	2.5	15
93	Ti ₄ (embonate) ₆ Based Cage-Cluster Construction in a Stable Metal-Organic Framework for Gas Sorption and Separation. <i>Crystal Growth and Design</i> , 2020, 20, 29-32.	1.4	19
94	Epitaxial Growth of Highly Transparent Metal-Porphyrin Framework Thin Films for Efficient Bifacial Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1078-1083.	4.0	33
95	Host-Guest Thin Films by Confining Ultrafine Pt/C QDs into Metal-Organic Frameworks for Highly Efficient Hydrogen Evolution. <i>Small</i> , 2020, 16, e2005111.	5.2	39
96	Self-Assembly of a Ti ₄ (embonate) ₆ Cage toward Silver. <i>Inorganic Chemistry</i> , 2020, 59, 14861-14865.	1.9	14
97	Heterometallic Ag ₂ Ti ₁₀ and Ag ₄ Ti ₈ -oxo clusters with different silver doping models: synthesis, structure, and theoretical studies. <i>Dalton Transactions</i> , 2020, 49, 11005-11009.	1.6	7
98	Understanding the Efficiency and Selectivity of Two-Electron Production of Metalloporphyrin-Embedded Zirconium-Pyrogallol Scaffolds in Electrochemical CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52588-52594.	4.0	3
99	Synthesis of Supramolecular Boron Imidazolate Frameworks for CO ₂ Photoreduction. <i>Inorganic Chemistry</i> , 2020, 59, 17851-17855.	1.9	14
100	A green separation process of Ag via a Ti ₄ (embonate) ₆ cage. <i>Dalton Transactions</i> , 2020, 49, 17194-17199.	1.6	8
101	Synthesis of a Homochiral Metal-Organic Zeolite for Enantioselective Sensing and Separation. <i>Crystal Growth and Design</i> , 2020, 20, 5644-5647.	1.4	12
102	Synthesis of Ag-Doped Polyoxotitanium Nanoclusters for Efficient Electrocatalytic CO ₂ Reduction. <i>Inorganic Chemistry</i> , 2020, 59, 11442-11448.	1.9	23
103	N-Heterocyclic Carbene as a Surface Platform for Assembly of Homochiral Metal-Organic Framework Thin Films in Chiral Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38357-38364.	4.0	20
104	Stepwise Coordination Assembly Approach toward Aluminum-Lanthanide-based Compounds. <i>Inorganic Chemistry</i> , 2020, 59, 13760-13766.	1.9	9
105	Optical Resolution Studies on Ti/Zr-Based Tetrahedral Cages. <i>Crystal Growth and Design</i> , 2020, 20, 6316-6320.	1.4	7
106	CoMo-bimetallic N-doped porous carbon materials embedded with highly dispersed Pt nanoparticles as pH-universal hydrogen evolution reaction electrocatalysts. <i>Nanoscale</i> , 2020, 12, 19804-19813.	2.8	38
107	In Situ Encapsulation of Organic Sulfates in Layered Structures of Zinc and Tris(4-(1H-imidazol-1-yl)phenyl)amine. <i>Crystal Growth and Design</i> , 2020, 20, 4228-4231.	1.4	3
108	Supramolecular Co-assembly of the Ti ₈ L ₁₂ Cube with [Ti(DMF) ₆] Species and Ti ₁₂ -Oxo Cluster. <i>Inorganic Chemistry</i> , 2020, 59, 8291-8297.	1.9	9

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109	Synthesis and photocatalytic activities of two homochiral metal-organic frameworks with cages and hydrogen bonding helices. <i>CrystEngComm</i> , 2020, 22, 4206-4209.	1.3	8
110	Designable Aluminum Molecular Rings: Ring Expansion and Ligand Functionalization. <i>Angewandte Chemie</i> , 2020, 132, 16878-16883.	1.6	14
111	Tetrahedral Geometry Induction of Stable Ag-Ti Nanoclusters by Flexible Trifurcate TiL ₃ Metalloligand. <i>Journal of the American Chemical Society</i> , 2020, 142, 12784-12790.	6.6	35
112	Tin-oxychalcogenide supertetrahedral clusters maintained in a MTN zeolite-analog arrangement by coulombic interactions. <i>Chemical Communications</i> , 2020, 56, 8388-8391.	2.2	8
113	Designable Aluminum Molecular Rings: Ring Expansion and Ligand Functionalization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16735-16740.	7.2	54
114	2D Boron Imidazolate Framework Nanosheets with Electrocatalytic Applications for Oxygen Evolution and Carbon Dioxide Reduction Reaction. <i>Small</i> , 2020, 16, e1907669.	5.2	20
115	Lead-Doped Titanium-Oxo Clusters as Molecular Models of Perovskite-type PbTiO ₃ and Electron-transport Material in Solar Cells. <i>Chemistry - A European Journal</i> , 2020, 26, 6894-6898.	1.7	24
116	Adjustment of the performance and stability of isostructural zeolitic tetrazolate-imidazolate frameworks. <i>Dalton Transactions</i> , 2020, 49, 4690-4693.	1.6	5
117	Templated synthesis of cobalt subnanoclusters dispersed N/C nanocages from COFs for highly-efficient oxygen reduction reaction. <i>Chemical Engineering Journal</i> , 2020, 401, 126149.	6.6	40
118	A supersalt-type copper(i)-thiolate cluster with applications for mechano/thermochromism and the oxygen evolution reaction. <i>Chemical Communications</i> , 2020, 56, 3967-3970.	2.2	13
119	Synergistic ligand effect for the construction of titanium-oxo clusters with planar chirality and high solution stability. <i>Dalton Transactions</i> , 2020, 49, 4030-4033.	1.6	9
120	Zeolitic Tetrazolate-Imidazolate Frameworks with SOD Topology for Room Temperature Fixation of CO ₂ to Cyclic Carbonates. <i>Crystal Growth and Design</i> , 2020, 20, 2866-2870.	1.4	22
121	Surface-coordinated metal-organic framework thin films (SURMOFs) for electrocatalytic applications. <i>Nanoscale</i> , 2020, 12, 12712-12730.	2.8	35
122	Syntheses and Structural Studies of a Series of Ti ₄ (embonate) ₆ -based Complexes. <i>Acta Chimica Sinica</i> , 2020, 78, 1411.	0.5	4
123	Liquid-Phase Epitaxial Growth of Azapyrene-Based Chiral Metal-Organic Framework Thin Films for Circularly Polarized Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31421-31426.	4.0	53
124	HZIF-based hybrids for electrochemical energy applications. <i>Nanoscale</i> , 2019, 11, 15763-15769.	2.8	18
125	Assembly of high-nuclearity Sn ₂₆ , Sn ₃₄ -oxo clusters: solvent strategies and inorganic Sn incorporation. <i>Chemical Science</i> , 2019, 10, 9125-9129.	3.7	28
126	A wide pH-range stable crystalline framework based on the largest tin-oxysulfide cluster [Sn ₂₀ O ₁₀ S ₃₄]. <i>Chemical Communications</i> , 2019, 55, 11083-11086.	2.2	15

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127	A surface-mounted MOF thin film with oriented nanosheet arrays for enhancing the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18519-18528.	5.2	92
128	Synthesis of boron imidazolate frameworks with cobalt clusters for efficient visible-light driven CO ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17272-17276.	5.2	40
129	MAF-41 with intermediate-sized molecular sieving effect for highly selective separation of styrene. <i>Science China Chemistry</i> , 2019, 62, 1265-1266.	4.2	0
130	Sn ₁₃ Oxo Clusters with an Open Hollow Structural Motif and Decorated by Different Functional Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 15692-15695.	1.9	7
131	Synthesis and Photoelectric Properties of Metal-Organic Zeolites Built from TO ₄ and Organotin. <i>Inorganic Chemistry</i> , 2019, 58, 12521-12525.	1.9	3
132	One-Pot and Postsynthetic Phenol-Thermal Synthesis toward Highly Stable Titanium-Oxo Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 13353-13359.	1.9	24
133	Acid-Controlled Synthesis of Carboxylate-Stabilized Ti ₄₄ Oxo Clusters: Scaling up Preparation, Exchangeable Protecting Ligands, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 10450-10455.	1.7	31
134	Tunable Synthesis of Hollow Metal-Nitrogen-Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. <i>ACS Nano</i> , 2019, 13, 8087-8098.	7.3	106
135	Isolated Square-Planar Copper Center in Boron Imidazolate Nanocages for Photocatalytic Reduction of CO ₂ to CO. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11752-11756.	7.2	194
136	Ligand-directed assembly engineering of trapezoidal {Ti ₅ } building blocks stabilized by dimethylglyoxime. <i>Dalton Transactions</i> , 2019, 48, 9916-9919.	1.6	13
137	Ag ₁₀ Ti ₂₈ Oxo Cluster Containing Single-Atom Silver Sites: Atomic Structure and Synergistic Electronic Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10932-10935.	7.2	57
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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