Jian Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

488 papers	24,858 citations	4658 85 h-index	13771 129 g-index
488 all docs	488 docs citations	488 times ranked	14430 citing authors

#	Article	IF	Citations
1	Tunable chiroptical application by encapsulating achiral lanthanide complexes into chiral MOF thin films. Nano Research, 2022, 15, 1102-1108.	10.4	34
2	Energy Band Alignment and Redoxâ€Active Sites in Metalloporphyrinâ€Spaced Metalâ€Catechol Frameworks for Enhanced CO₂ Photoreduction. Angewandte Chemie - International Edition, 2022, 61, .	13.8	23
3	Synthesis, Structure, and Light Absorption Behaviors of Prismatic Titanium-Oxo Clusters Containing Lacunary Lindqvist-like Species. Inorganic Chemistry, 2022, 61, 1385-1390.	4.0	3
4	Stepwise assembly and reversible structural transformation of ligated titanium coated bismuth-oxo cores: shell morphology engineering for enhanced chemical fixation of CO₂. Chemical Science, 2022, 13, 3395-3401.	7.4	17
5	Aluminum molecular rings bearing amino-polyalcohol for iodine capture. Inorganic Chemistry Frontiers, 2022, 9, 592-598.	6.0	9
6	Heterometallic chiral [Mn13Cu8] single-molecule magnets. Dalton Transactions, 2022, , .	3.3	3
7	Efficient access to 1,3,4-trisubstituted pyrroles via gold-catalysed cycloisomerization of 1,5-diynes. Organic and Biomolecular Chemistry, 2022, , .	2.8	3
8	Triethanolamine stabilized non-alkyl Sn₄Cd₄ and alkyl Sn₂Cd₁₂ oxo clusters with distinct electrocatalytic activities. Chemical Communications, 2022, 58, 4759-4762.	4.1	4
9	Tunable third-order nonlinear optical effect via modifying Ti₄(embonate)₆ cage-based ionic pairs. Inorganic Chemistry Frontiers, 2022, 9, 1984-1991.	6.0	8
10	Syntheses of new zeolitic imidazolate frameworks in dimethyl sulfoxide. Inorganic Chemistry Frontiers, 2022, 9, 2011-2015.	6.0	6
11	Synergistic Lewis acid and Pd active sites of metalâ€“organic frameworks for highly efficient carbonylation of methyl nitrite to dimethyl carbonate. Inorganic Chemistry Frontiers, 2022, 9, 2379-2388.	6.0	11
12	Inorganic acid influenced formation of Ti₂₆ and Ti₄₄ oxysulfate clusters with toroidal and capsule structures. Dalton Transactions, 2022, , .	3.3	3
13	Acidâ€“base resistant ligand-modified molybdenumâ€“sulfur clusters with enhanced photocatalytic activity towards hydrogen evolution. Journal of Materials Chemistry A, 2022, 10, 7138-7145.	10.3	7
14	Preparation and Visible-Light Response of Salicylate-Stabilized Heterobimetallic Pbâ€“Tiâ€“Oxo Clusters Initiated via Auxiliary Quaternary Ammonium Salts and a Solvent Effect. Inorganic Chemistry, 2022, 61, 5017-5024.	4.0	3
15	Chiral-Induced Ultrathin Covalent Organic Frameworks Nanosheets with Tunable Circularly Polarized Luminescence. Journal of the American Chemical Society, 2022, 144, 7245-7252.	13.7	52
16	Composite of CsPbBr₃ with Boron Imidazolate Frameworks as an Efficient Visible-Light Photocatalyst for CO₂ Reduction. ACS Applied Energy Materials, 2022, 5, 1175-1182.	5.1	15
17	Synthesis and Third-Order Nonlinear Optical Properties of Metalâ€“Organic Zeolites Built from Ti₄(embonate)₆ Tetrahedra. Crystal Growth and Design, 2022, 22, 66-73.	3.0	4
18	Hostâ€“Guest Pore Space Partition in a Boron Imidazolate Framework for Ethylene Separation. Chemistry of Materials, 2022, 34, 307-313.	6.7	23

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19	Construction and two-dimensional assembly of double-shell Na@Sn₆L₆@Sn₃L₃ clusters through tetrahedral citrate ligands. Chemical Communications, 2022, 58, 5650-5652.	4.1	3
20	Induction of Chirality in Boron Imidazolate Frameworks: The Structure-Directing Effects of Substituents. Inorganic Chemistry, 2022, 61, 6861-6868.	4.0	5
21	Black Titanium-Oxo Clusters with Ultralow Band Gaps and Enhanced Nonlinear Optical Performance. Journal of the American Chemical Society, 2022, 144, 8153-8161.	13.7	39
22	Chiral Induction in Aluminum Oxo Sulfate Helical Chains. Crystal Growth and Design, 2022, 22, 3954-3960.	3.0	2
23	Facile Synthesis of a Long Afterglow Calciumâ€“Organic Framework in Water. ACS Omega, 2022, 7, 22015-22019.	3.5	6
24	Divergent Access to Polycyclic N-Heterocyclic Compounds through BÃ¼chner-Type Dearomatization Enabled Cycloisomerization of Diynamides under Gold Catalysis. Organic Letters, 2022, 24, 4298-4303.	4.6	6
25	Optimizing Photodetectors in Two-Dimensional Metal-Metalloporphyrinic Framework Thin Films. ACS Applied Materials & Interfaces, 2022, 14, 33548-33554.	8.0	13
26	Designing Cage-Supported Cluster-Organic Framework for Highly Efficient Optical Limiting. , 2022, 4, 1397-1401.		3
27	Assembly and packing models of [Ti6Co12] ring based on the titanium-capped cobalt clathrochelates. Chinese Chemical Letters, 2021, 32, 923-925.	9.0	7
28	Design of Hybrid Zeolitic Imidazolate Frameworkâ€Derived Material with Câ€“Moâ€“S Triatomic Coordination for Electrochemical Oxygen Reduction. Small, 2021, 17, e2003256.	10.0	14
29	Epitaxial growth of prussian blue analogue derived NiFeP thin film for efficient electrocatalytic hydrogen evolution reaction. Journal of Solid State Chemistry, 2021, 293, 121779.	2.9	14
30	Combining a Titaniumâ€“Organic Cage and a Hydrogenâ€Bonded Organic Cage for Highly Effective Thirdâ€Order Nonlinear Optics. Angewandte Chemie, 2021, 133, 2956-2959.	2.0	9
31	Construction of Metalâ€“Organic Frameworks with Various Zinc-Tetrazolate Nanotubes. Crystal Growth and Design, 2021, 21, 28-32.	3.0	10
32	Designable Al₃₂â€Oxo Clusters with Hydrotalciteâ€like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. Angewandte Chemie - International Edition, 2021, 60, 4849-4854.	13.8	39
33	Polyoxo-titanium clusters promoted photocatalytic H2 evolution activity in a NiS modified CdS/MIL-101 system. International Journal of Hydrogen Energy, 2021, 46, 6369-6379.	7.1	10
34	Atomically defined Co on two-dimensional TiO2 nanosheet for photocatalytic hydrogen evolution. Chemical Engineering Journal, 2021, 420, 127681.	12.7	40
35	Induction of Chirality in a Metalâ€“Organic Framework Built from Achiral Precursors. Angewandte Chemie - International Edition, 2021, 60, 3087-3094.	13.8	41
36	Construction of Titanium-Based Metalâ€“Organic Frameworks Based on the Ti/Cu Heteronuclear Cluster. Inorganic Chemistry, 2021, 60, 24-27.	4.0	4

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37	A Cu(<scp>i</scp>) based boron imidazolate framework for visible light driven CO₂ reduction. Dalton Transactions, 2021, 50, 490-493.	3.3	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 Indiumâ€“Organic Frameworks Based on 1,1â€²-Ferrocenedicarboxylic Acid. Inorganic Chemistry, 2021, 60, 239-245.	4.0	9
40	Designable Al₃₂â€Oxo Clusters with Hydrotalciteâ€like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. Angewandte Chemie, 2021, 133, 4899-4904.	2.0	3
41	Engineering nanointerface of molybdenum-based heterostructures to boost the electrocatalytic hydrogen evolution reaction. Journal of Energy Chemistry, 2021, 58, 370-376.	12.9	18
42	Combining a Titaniumâ€“Organic Cage and a Hydrogenâ€Bonded Organic Cage for Highly Effective Thirdâ€Order Nonlinear Optics. Angewandte Chemie - International Edition, 2021, 60, 2920-2923.	13.8	59
43	Investigation on the variation regularity of the characteristic droplet diameters in the swirling flow field. Chemical Engineering Science, 2021, 229, 116153.	3.8	13
44	Unraveling the condensation reactions of heterometallic {BiNb4} moieties into hybrid BixNby-oxo clusters with mass spectrometry. Science China Chemistry, 2021, 64, 413-418.	8.2	5
45	Highly efficient electrocatalysts for overall water splitting: mesoporous CoS/MoS₂ with hetero-interfaces. Chemical Communications, 2021, 57, 4847-4850.	4.1	45
46	Functional ligand directed assembly and electronic structure of Sn₁₈-oxo wheel nanoclusters. Chemical Communications, 2021, 57, 5159-5162.	4.1	4
47	Homochiral metalâ€“organic frameworks for enantioseparation. Chemical Society Reviews, 2021, 50, 5706-5745.	38.1	86
48	Surface chiroselective assembly of enantiopure crystalline porous films containing bichiral building blocks. Chemical Science, 2021, 12, 12346-12352.	7.4	11
49	A hybrid zeolitic imidazolate framework-derived ZnO/ZnMoO₄heterostructure for electrochemical hydrogen production. Dalton Transactions, 2021, 50, 11365-11369.	3.3	7
50	Molecular bixbyite-like In₁₂-oxo clusters with tunable functionalization sites for lithography patterning applications. Chemical Science, 2021, 12, 14414-14419.	7.4	11
51	Chiral induction in boron imidazolate frameworks: the construction of cage-based absolute helices. Chemical Communications, 2021, 57, 5020-5023.	4.1	11
52	Rational assembly of metal-oxo clusters into molecular materials via a â€œwheel mountingâ€• mode. Inorganic Chemistry Frontiers, 2021, 8, 4102-4106.	6.0	0
53	Aluminium nanorings: configuration deformation and structural transformation. Chemical Communications, 2021, 57, 2085-2088.	4.1	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.	4.1	8

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55	Organocatalytic enantioselective Dielsâ€“Alder reaction between hydroxymaleimides and in situ generated nitrosoalkenes for direct preparation of chiral hemiketals with 1,2-oxazine skeleton. Organic Chemistry Frontiers, 2021, 8, 6215-6219.	4.5	2
56	Experimental and Theoretical Studies on Effects of Structural Modification of Tin Nanoclusters for Third-Order Nonlinear Optical Properties. Inorganic Chemistry, 2021, 60, 1885-1892.	4.0	21
57	Step by Step Bisacrificial Templates Growth of Bimetallic Sulfide QDsâ€Attached MOF Nanosheets for Nonlinear Optical Limiting. Advanced Optical Materials, 2021, 9, 2002072.	7.3	25
58	Vertically Aligned MoS₂ with In-Plane Selectively Cleaved Moâ€“S Bond for Hydrogen Production. Nano Letters, 2021, 21, 1848-1855.	9.1	63
59	Hybrid Zeolitic Imidazolate Frameworks for Promoting Electrocatalytic Oxygen Evolution via a Dual-Site Relay Mechanism. Inorganic Chemistry, 2021, 60, 3074-3081.	4.0	17
60	Phosphorescent Calcium-Based Metalâ€“Organic Framework with Second-Scale Long Afterglow. Inorganic Chemistry, 2021, 60, 10075-10078.	4.0	11
61	Synthesis and Structure of a Series of Ti₆â€oxo Clusters Functionalized by in situ Esterified Dicarboxylate Ligands. Chinese Journal of Chemistry, 2021, 39, 1259-1264.	4.9	6
62	Synthesis, Structures, and Fluorescence Properties of Dimeric Aluminum Oxo Clusters. Inorganic Chemistry, 2021, 60, 7089-7093.	4.0	6
63	Threefold Collaborative Stabilization of Ag₁₄â€Nanorods by Hydrophobic Ti₁₆â€Oxo Clusters and Alkynes: Designable Assembly and Solidâ€State Opticalâ€Limiting Application. Angewandte Chemie - International Edition, 2021, 60, 12949-12954.	13.8	38
64	Oriented Growth of Inâ€Oxo Chain Based Metalâ€Porphyrin Framework Thin Film for Highâ€Sensitive Photodetector. Advanced Science, 2021, 8, 2100548.	11.2	23
65	Synthesis of a Boronâ€“Imidazolate Framework Nanosheet with Dimer Copper Units for CO₂ Electroreduction to Ethylene. Angewandte Chemie - International Edition, 2021, 60, 16687-16692.	13.8	99
66	Synthesis of a Boronâ€“Imidazolate Framework Nanosheet with Dimer Copper Units for CO 2 Electroreduction to Ethylene. Angewandte Chemie, 2021, 133, 16823-16828.	2.0	10
67	Design and synthesis of zeolitic tetrazolate-imidazolate frameworks. Materials Today Advances, 2021, 10, 100145.	5.2	10
68	Engineering the Coordination Sphere of Isolated Active Sites to Explore the Intrinsic Activity in Single-Atom Catalysts. Nano-Micro Letters, 2021, 13, 136.	27.0	138
69	Odd-membered cyclic hetero-polyoxotitanate nanoclusters with high stability and photocatalytic H2 evolution activity. Chinese Journal of Catalysis, 2021, 42, 1332-1337.	14.0	5
70	Tin Metal Cluster Compounds as New Third-Order Nonlinear Optical Materials by Computational Study. Journal of Physical Chemistry Letters, 2021, 12, 7537-7544.	4.6	13
71	Designable Assembly of Aluminum Molecular Rings for Sequential Confinement of Iodine Molecules. Angewandte Chemie - International Edition, 2021, 60, 21426-21433.	13.8	49
72	Phenol-triggered supramolecular transformation of titaniumâ€“oxo cluster based coordination capsules. Chinese Chemical Letters, 2021, 32, 2415-2418.	9.0	6

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73	Recent Advances on Transition Metal Dichalcogenides for Electrochemical Energy Conversion. Advanced Materials, 2021, 33, e2008376.	21.0	114
74	Two Isostructural Titanium Metalâ€“Organic Frameworks for Light Hydrocarbon Separation. Inorganic Chemistry, 2021, 60, 13955-13959.	4.0	12
75	Protection of Ag Clusters by Metalâ€Oxo Modules. Chemistry - A European Journal, 2021, 27, 15563-15570.	3.3	10
76	Macrocyclic Inorganic Tinâ€Containing Oxo Clusters: Heterometallic Strategy for Configuration and Catalytic Activity Modulation. Chemistry - A European Journal, 2021, 27, 16117-16120.	3.3	6
77	Interpenetrated Metal-Porphyrinic Framework for Enhanced Nonlinear Optical Limiting. Journal of the American Chemical Society, 2021, 143, 17162-17169.	13.7	85
78	Mesoporous Assembly of Aluminum Molecular Rings for Iodine Capture. Journal of the American Chemical Society, 2021, 143, 2325-2330.	13.7	98
79	Sn₆ and Na₄ Oxo Clusters Based Non-centrosymmetric Framework for Solution Iodine Absorption and Second Harmonic Generation Response. Inorganic Chemistry, 2021, 60, 1985-1990.	4.0	10
80	Asymmetric metalâ€“organic frameworks with double helices for enantioselective recognition. CrystEngComm, 2021, 23, 4748-4751.	2.6	3
81	Surface-coordinated metal-organic framework thin films (SURMOFs): From fabrication to energy applications. EnergyChem, 2021, 3, 100065.	19.1	25
82	The Synthesis and Properties of TIPA-Dominated Porous Metal-Organic Frameworks. Nanomaterials, 2021, 11, 2791.	4.1	3
83	Heterometallic Al₆Zn₁₂ nano-plate with Ï€-conjugated ligand: synthesis and nonlinear absorption properties. Chemical Communications, 2021, 57, 12820-12823.	4.1	3
84	Oriented Assembly of 2D Metal-Pyridylporphyrinic Framework Films for Giant Nonlinear Optical Limiting. Nano Letters, 2021, 21, 10012-10018.	9.1	28
85	Coordination Assembly of Tetrahedral Zr₄(embonate)₆ Cages with Eu³⁺ Ions. Inorganic Chemistry, 2021, 60, 18178-18184.	4.0	7
86	Novel Third-Order Nonlinear Optical Materials with Craig-MÃ¶bius Aromaticity. Journal of Physical Chemistry Letters, 2021, 12, 11784-11789.	4.6	13
87	Metal-organic frameworks for electrochemical reduction of carbon dioxide: The role of metal centers. Journal of Energy Chemistry, 2020, 40, 156-170.	12.9	130
88	Subnanometer iron clusters confined in a porous carbon matrix for highly efficient zincâ€“air batteries. Nanoscale Horizons, 2020, 5, 359-365.	8.0	27
89	A coreâ€“shell type alkyl-Sn-oxo cluster of {Sn₁₄As₁₆} bridged by 4-aminophenylarsonate ligands and incorporated with a {Na₆} cluster. Chemical Communications, 2020, 56, 1433-1435.	4.1	11
90	Ti₄(embonate)₆ Cage-Ligand Strategy on the Construction of Metalâ€“Organic Frameworks with High Stability and Gas Sorption Properties. Inorganic Chemistry, 2020, 59, 964-967.	4.0	21

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91	Auto-controlled fabrication of a metal-porphyrin framework thin film with tunable optical limiting effects. Chemical Science, 2020, 11, 1935-1942.	7.4	68
92	Co₉S₈ integrated into nitrogen/sulfur dual-doped carbon nanofibers as an efficient oxygen bifunctional electrocatalyst for Znâ€“air batteries. Sustainable Energy and Fuels, 2020, 4, 1093-1098.	4.9	15
93	Ti₄(embonate)₆ Based Cage-Cluster Construction in a Stable Metalâ€“Organic Framework for Gas Sorption and Separation. Crystal Growth and Design, 2020, 20, 29-32.	3.0	19
94	Epitaxial Growth of Highly Transparent Metalâ€“Porphyrin Framework Thin Films for Efficient Bifacial Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 1078-1083.	8.0	33
95	Hostâ€“Guest Thin Films by Confining Ultrafine Pt/C QDs into Metalâ€Organic Frameworks for Highly Efficient Hydrogen Evolution. Small, 2020, 16, e2005111.	10.0	39
96	Self-Assembly of a Ti₄(embonate)₆ Cage toward Silver. Inorganic Chemistry, 2020, 59, 14861-14865.	4.0	14
97	Heterometallic Ag₂Ti₁₀ and Ag₄Ti₈-oxo clusters with different silver doping models: synthesis, structure, and theoretical studies. Dalton Transactions, 2020, 49, 11005-11009.	3.3	7
98	Understanding the Efficiency and Selectivity of Two-Electron Production of Metalloporphyrin-Embedded Zirconiumâ€“Pyrogallol Scaffolds in Electrochemical CO2 Reduction. ACS Applied Materials & Interfaces, 2020, 12, 52588-52594.	8.0	3
99	Synthesis of Supramolecular Boron Imidazolate Frameworks for CO₂ Photoreduction. Inorganic Chemistry, 2020, 59, 17851-17855.	4.0	14
100	A green separation process of Agviaa Ti₄(embonate)₆cage. Dalton Transactions, 2020, 49, 17194-17199.	3.3	8
101	Synthesis of a Homochiral Metalâ€“Organic Zeolite for Enantioselective Sensing and Separation. Crystal Growth and Design, 2020, 20, 5644-5647.	3.0	12
102	Synthesis of Ag-Doped Polyoxotitanium Nanoclusters for Efficient Electrocatalytic CO₂ Reduction. Inorganic Chemistry, 2020, 59, 11442-11448.	4.0	23
103	N-Heterocyclic Carbene as a Surface Platform for Assembly of Homochiral Metalâ€“Organic Framework Thin Films in Chiral Sensing. ACS Applied Materials & Interfaces, 2020, 12, 38357-38364.	8.0	20
104	Stepwise Coordination Assembly Approach toward Aluminum-Lanthanide-based Compounds. Inorganic Chemistry, 2020, 59, 13760-13766.	4.0	9
105	Optical Resolution Studies on Ti/Zr-Based Tetrahedral Cages. Crystal Growth and Design, 2020, 20, 6316-6320.	3.0	7
106	CoMo-bimetallic N-doped porous carbon materials embedded with highly dispersed Pt nanoparticles as pH-universal hydrogen evolution reaction electrocatalysts. Nanoscale, 2020, 12, 19804-19813.	5.6	38
107	In Situ Encapsulation of Organic Sulfates in Layered Structures of Zinc and Tris(4-(1H-Imidazol-1-yl)phenyl)amine. Crystal Growth and Design, 2020, 20, 4228-4231.	3.0	3
108	Supramolecular Co-assembly of the Ti₈L₁₂ Cube with [Ti(DMF)₆] Species and Ti₁₂-Oxo Cluster. Inorganic Chemistry, 2020, 59, 8291-8297.	4.0	9

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109	Synthesis and photocatalytic activities of two homochiral metalâ€“organic frameworks with cages and hydrogen bonding helices. CrystEngComm, 2020, 22, 4206-4209.	2.6	8
110	Designable Aluminum Molecular Rings: Ring Expansion and Ligand Functionalization. Angewandte Chemie, 2020, 132, 16878-16883.	2.0	14
111	Tetrahedral Geometry Induction of Stable Agâ€“Ti Nanoclusters by Flexible Trifurcate TiL₃ Metalloligand. Journal of the American Chemical Society, 2020, 142, 12784-12790.	13.7	35
112	Tin-oxychalcogenide supertetrahedral clusters maintained in a MTN zeolite-analog arrangement by coulombic interactions. Chemical Communications, 2020, 56, 8388-8391.	4.1	8
113	Designable Aluminum Molecular Rings: Ring Expansion and Ligand Functionalization. Angewandte Chemie - International Edition, 2020, 59, 16735-16740.	13.8	54
114	2D Boron Imidazolate Framework Nanosheets with Electrocatalytic Applications for Oxygen Evolution and Carbon Dioxide Reduction Reaction. Small, 2020, 16, e1907669.	10.0	20
115	Leadâ€Doped Titaniumâ€Oxo Clusters as Molecular Models of Perovskiteâ€Type PbTiO₃ and Electronâ€Transport Material in Solar Cells. Chemistry - A European Journal, 2020, 26, 6894-6898.	3.3	24
116	Adjustment of the performance and stability of isostructural zeolitic tetrazolate-imidazolate frameworks. Dalton Transactions, 2020, 49, 4690-4693.	3.3	5
117	Templated synthesis of cobalt subnanoclusters dispersed N/C nanocages from COFs for highly-efficient oxygen reduction reaction. Chemical Engineering Journal, 2020, 401, 126149.	12.7	40
118	A supersalt-type copper(<scp>i</scp>)-thiolate cluster with applications for mechano/thermochromism and the oxygen evolution reaction. Chemical Communications, 2020, 56, 3967-3970.	4.1	13
119	Synergistic ligand effect for the construction of titaniumâ€“oxo clusters with planar chirality and high solution stability. Dalton Transactions, 2020, 49, 4030-4033.	3.3	9
120	Zeolitic Tetrazolateâ€Imidazolate Frameworks with SOD Topology for Room Temperature Fixation of CO₂ to Cyclic Carbonates. Crystal Growth and Design, 2020, 20, 2866-2870.	3.0	22
121	Surface-coordinated metalâ€“organic framework thin films (SURMOFs) for electrocatalytic applications. Nanoscale, 2020, 12, 12712-12730.	5.6	35
122	Syntheses and Structural Studies of a Series of Ti4(embonate)6-based Complexes. Acta Chimica Sinica, 2020, 78, 1411.	1.4	4
123	Liquid-Phase Epitaxial Growth of Azapyrene-Based Chiral Metalâ€“Organic Framework Thin Films for Circularly Polarized Luminescence. ACS Applied Materials & Interfaces, 2019, 11, 31421-31426.	8.0	53
124	HZIF-based hybrids for electrochemical energy applications. Nanoscale, 2019, 11, 15763-15769.	5.6	18
125	Assembly of high-nuclearity Sn26, Sn34-oxo clusters: solvent strategies and inorganic Sn incorporation. Chemical Science, 2019, 10, 9125-9129.	7.4	28
126	A wide pH-range stable crystalline framework based on the largest tin-oxysulfide cluster [Sn20O10S34]. Chemical Communications, 2019, 55, 11083-11086.	4.1	15

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127	A surface-mounted MOF thin film with oriented nanosheet arrays for enhancing the oxygen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 18519-18528.	10.3	92
128	Synthesis of boron imidazolate frameworks with cobalt clusters for efficient visible-light driven CO₂ reduction. Journal of Materials Chemistry A, 2019, 7, 17272-17276.	10.3	40
129	MAF-41 with intermediate-sized molecular sieving effect for highly selective separation of styrene. Science China Chemistry, 2019, 62, 1265-1266.	8.2	0
130	Sn₁₃â€“Oxo Clusters with an Open Hollow Structural Motif and Decorated by Different Functional Ligands. Inorganic Chemistry, 2019, 58, 15692-15695.	4.0	7
131	Synthesis and Photoelectric Properties of Metalâ€“Organic Zeolites Built from TO₄ and Organotin. Inorganic Chemistry, 2019, 58, 12521-12525.	4.0	3
132	One-Pot and Postsynthetic Phenol-Thermal Synthesis toward Highly Stable Titanium-Oxo Clusters. Inorganic Chemistry, 2019, 58, 13353-13359.	4.0	24
133	Acidâ€Controlled Synthesis of Carboxylateâ€Stabilized Ti₄₄â€Oxo Clusters: Scaling up Preparation, Exchangeable Protecting Ligands, and Photophysical Properties. Chemistry - A European Journal, 2019, 25, 10450-10455.	3.3	31
134	Tunable Synthesis of Hollow Metalâ€“Nitrogenâ€“Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. ACS Nano, 2019, 13, 8087-8098.	14.6	106
135	Isolated Squareâ€Planar Copper Center in Boron Imidazolate Nanocages for Photocatalytic Reduction of CO₂ to CO. Angewandte Chemie - International Edition, 2019, 58, 11752-11756.	13.8	194
136	Ligand-directed assembly engineering of trapezoidal {Ti₅} building blocks stabilized by dimethylglyoxime. Dalton Transactions, 2019, 48, 9916-9919.	3.3	13
137	Ag₁₀Ti₂₈â€Oxo Cluster Containing Singleâ€Atom Silver Sites: Atomic Structure and Synergistic Electronic Properties. Angewandte Chemie - International Edition, 2019, 58, 10932-10935.	13.8	57
138	Amino-Polyalcohol-Solvothermal Synthesis of Titanium-Oxo Clusters: From Ti₆ to Ti₁₉ with Structural Diversity. Inorganic Chemistry, 2019, 58, 7267-7273.	4.0	13
139	Pyrazole-thermal synthesis: a new approach towards N-rich titanium-oxo clusters with photochromic behaviors. Dalton Transactions, 2019, 48, 8049-8052.	3.3	13
140	Nanocage-Based Porous Metalâ€“Organic Frameworks Constructed from Icosahedrons and Tetrahedrons for Selective Gas Adsorption. ACS Applied Materials & Interfaces, 2019, 11, 20104-20109.	8.0	35
141	Fast Synthesis of Hybrid Zeolitic Imidazolate Frameworks (HZIFs) with Exceptional Acidâ€“Base Stability from ZIF-8 Precursors. Crystal Growth and Design, 2019, 19, 3430-3434.	3.0	14
142	Mixed Short and Long Ligands toward the Construction of Metalâ€“Organic Frameworks with Large Pore Openings. Crystal Growth and Design, 2019, 19, 3120-3123.	3.0	15
143	Hierarchical MoS₂ Hollow Architectures with Abundant Mo Vacancies for Efficient Sodium Storage. ACS Nano, 2019, 13, 5533-5540.	14.6	187
144	Water-stable Zeolitic Tetrazolate-Imidazolate Frameworks (ZTIFs) with GIS topology. Inorganic Chemistry Communication, 2019, 105, 59-62.	3.9	4

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145	Synthesis of Anionic Metalâ€“Organic Zeolites for Selective Gas Adsorption and Ion Exchange. Inorganic Chemistry, 2019, 58, 4076-4079.	4.0	13
146	Stabilizing Î³-Alkyltinâ€“Oxo Keggin Ions by Borate Functionalization. Inorganic Chemistry, 2019, 58, 4534-4539.	4.0	16
147	Co (II) Boron Imidazolate Framework with Rigid Auxiliary Linkers for Stable Electrocatalytic Oxygen Evolution Reaction. Advanced Science, 2019, 6, 1801920.	11.2	46
148	Chiral induction in a pcu-derived network from achiral precursors. Chemical Communications, 2019, 55, 4611-4614.	4.1	13
149	Epitaxial growth of oriented prussian blue analogue derived well-aligned CoFe2O4 thin film for efficient oxygen evolution reaction. Applied Catalysis B: Environmental, 2019, 245, 1-9.	20.2	128
150	Water-Stable Metalâ€“Organic Frameworks with Selective Sensing on Fe³⁺ and Nitroaromatic Explosives, and Stimuli-Responsive Luminescence on Lanthanide Encapsulation. Inorganic Chemistry, 2019, 58, 1481-1491.	4.0	125
151	Coordination Assembly of the Waterâ€Soluble Ti 4 (embonate) 6 Cages with Mn 2+ Ions. Israel Journal of Chemistry, 2019, 59, 233-236.	2.3	8
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