

# Jian Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

466  
papers

20,154  
citations

80  
h-index

117  
g-index

488  
ext. papers

22,698  
ext. citations

7.2  
avg, IF

7.44  
L-index

#	Paper	IF	Citations
466	Stepwise assembly and reversible structural transformation of ligated titanium coated bismuth-oxo cores: shell morphology engineering for enhanced chemical fixation of CO <sub>2</sub> . <i>Chemical Science</i> , <b>2022</b> , 13, 3395-3401	9.4	2
465	Aluminum molecular rings bearing amino-polyalcohol for iodine capture. <i>Inorganic Chemistry Frontiers</i> , <b>2022</b> , 9, 592-598	6.8	1
464	Acid-Base resistant ligand-modified molybdenum-sulfur clusters with enhanced photocatalytic activity towards hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2022</b> , 10, 7138-7145	13	2
463	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> , <b>2022</b> , 61, 5017-5024	5.1	1
462	Composite of CsPbBr <sub>3</sub> with Boron Imidazolate Frameworks as an Efficient Visible-Light Photocatalyst for CO <sub>2</sub> Reduction. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 1175-1182	6.1	4
461	Synthesis and Third-Order Nonlinear Optical Properties of Metal-Organic Zeolites Built from Ti <sub>4</sub> (μ <sub>3</sub> -OH) <sub>6</sub> Tetrahedra. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 66-73	3.5	1
460	Host-Guest Pore Space Partition in a Boron Imidazolate Framework for Ethylene Separation. <i>Chemistry of Materials</i> , <b>2022</b> , 34, 307-313	9.6	2
459	Oriented Assembly of 2D Metal-Pyridylporphyrinic Framework Films for Giant Nonlinear Optical Limiting. <i>Nano Letters</i> , <b>2021</b> , 21, 10012-10018	11.5	7
458	Coordination Assembly of Tetrahedral Zr(μ <sub>3</sub> -OH) <sub>6</sub> Cages with Eu Ions. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 18178-18184	5.1	4
457	Novel Third-Order Nonlinear Optical Materials with Craig-Möbius Aromaticity. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 11784-11789	6.4	1
456	Surface-Coordinated Metal-Organic Framework Thin Films (SURMOFs): From Fabrication to Energy Applications. <i>EnergyChem</i> , <b>2021</b> , 3, 100065	36.9	2
455	Energy Band Alignment and Redox-Active Sites in Metalloporphyrin-Spaced Metal-Catechol Frameworks for Enhanced CO Photoreduction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	4
454	Heterometallic AlZn nano-plate with π-conjugated ligand: synthesis and nonlinear absorption properties. <i>Chemical Communications</i> , <b>2021</b> , 57, 12820-12823	5.8	0
453	Synthesis and Structure of a Series of Ti <sub>6</sub> -oxo Clusters Functionalized by in situ Esterified Dicarboxylate Ligands. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 1259-1264	4.9	1
452	Synthesis, Structures, and Fluorescence Properties of Dimeric Aluminum Oxo Clusters. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 7089-7093	5.1	0
451	Threefold Collaborative Stabilization of Ag <sup>+</sup> -Nanorods by Hydrophobic Ti <sup>4+</sup> -Oxo Clusters and Alkynes: Designable Assembly and Solid-State Optical-Limiting Application. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12949-12954	16.4	10
450	Oriented Growth of In-Oxo Chain Based Metal-Porphyrin Framework Thin Film for High-Sensitive Photodetector. <i>Advanced Science</i> , <b>2021</b> , 8, 2100548	13.6	7

449	Synthesis of a Boron-Imidazolate Framework Nanosheet with Dimer Copper Units for CO Electroreduction to Ethylene. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16687-16692	16.4	21
448	Synthesis of a Boron-Imidazolate Framework Nanosheet with Dimer Copper Units for CO <sub>2</sub> Electroreduction to Ethylene. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 16823-16828	3.6	2
447	Design and synthesis of zeolitic tetrazolate-imidazolate frameworks. <i>Materials Today Advances</i> , <b>2021</b> , 10, 100145	7.4	2
446	Engineering the Coordination Sphere of Isolated Active Sites to Explore the Intrinsic Activity in Single-Atom Catalysts. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 136	19.5	28
445	Assembly and packing models of [Ti <sub>6</sub> Co <sub>12</sub> ] ring based on the titanium-capped cobalt clathrochelates. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 923-925	8.1	0
444	Design of Hybrid Zeolitic Imidazolate Framework-Derived Material with C-Mo-S Triatomic Coordination for Electrochemical Oxygen Reduction. <i>Small</i> , <b>2021</b> , 17, e2003256	11	7
443	Epitaxial growth of prussian blue analogue derived NiFeP thin film for efficient electrocatalytic hydrogen evolution reaction. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 293, 121779	3.3	7
442	Combining a Titanium-Organic Cage and a Hydrogen-Bonded Organic Cage for Highly Effective Third-Order Nonlinear Optics. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2956-2959	3.6	7
441	Construction of Metal-Organic Frameworks with Various Zinc-Tetrazolate Nanotubes. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 28-32	3.5	5
440	Designable Al <sub>3</sub> -Oxo Clusters with Hydrotalcite-like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 4849-4854	16.4	11
439	Polyoxo-titanium clusters promoted photocatalytic H <sub>2</sub> evolution activity in a NiS modified CdS/MIL-101 system. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 6369-6379	6.7	7
438	Atomically defined Co on two-dimensional TiO <sub>2</sub> nanosheet for photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 127681	14.7	20
437	Induction of Chirality in a Metal-Organic Framework Built from Achiral Precursors. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3087-3094	16.4	16
436	Construction of Titanium-Based Metal-Organic Frameworks Based on the Ti/Cu Heteronuclear Cluster. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 24-27	5.1	1
435	A Cu(I) based boron imidazolate framework for visible light driven CO reduction. <i>Dalton Transactions</i> , <b>2021</b> , 50, 490-493	4.3	3
434	Large Titanium-Oxo Clusters as Precursors to Synthesize the Single Crystals of Ti-MOFs <b>2021</b> , 3, 64-68		20
433	Single-Crystal Syntheses and Properties of Indium-Organic Frameworks Based on 1,1'-Ferrocenedicarboxylic Acid. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 239-245	5.1	4
432	Designable Al <sub>3</sub> -Oxo Clusters with Hydrotalcite-like Structures: Snapshots of Boundary Hydrolysis and Optical Limiting. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 4899-4904	3.6	0

431	Engineering nanointerface of molybdenum-based heterostructures to boost the electrocatalytic hydrogen evolution reaction. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 58, 370-376	12	7
430	Combining a Titanium-Organic Cage and a Hydrogen-Bonded Organic Cage for Highly Effective Third-Order Nonlinear Optics. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2920-2923	16.4	28
429	Investigation on the variation regularity of the characteristic droplet diameters in the swirling flow field. <i>Chemical Engineering Science</i> , <b>2021</b> , 229, 116153	4.4	7
428	Unraveling the condensation reactions of heterometallic {BiNb <sub>4</sub> } moieties into hybrid Bi <sub>x</sub> Nb <sub>y</sub> -oxo clusters with mass spectrometry. <i>Science China Chemistry</i> , <b>2021</b> , 64, 413-418	7.9	0
427	Highly efficient electrocatalysts for overall water splitting: mesoporous CoS/MoS with hetero-interfaces. <i>Chemical Communications</i> , <b>2021</b> , 57, 4847-4850	5.8	14
426	Functional ligand directed assembly and electronic structure of Sn-oxo wheel nanoclusters. <i>Chemical Communications</i> , <b>2021</b> , 57, 5159-5162	5.8	3
425	Homochiral metal-organic frameworks for enantioseparation. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 5706-5745	5.8	33
424	Surface chiroselective assembly of enantiopure crystalline porous films containing bichiral building blocks. <i>Chemical Science</i> , <b>2021</b> , 12, 12346-12352	9.4	2
423	A hybrid zeolitic imidazolate framework-derived ZnO/ZnMoO heterostructure for electrochemical hydrogen production. <i>Dalton Transactions</i> , <b>2021</b> , 50, 11365-11369	4.3	1
422	Molecular bixbyite-like In-oxo clusters with tunable functionalization sites for lithography patterning applications. <i>Chemical Science</i> , <b>2021</b> , 12, 14414-14419	9.4	4
421	Chiral induction in boron imidazolate frameworks: the construction of cage-based absolute helices. <i>Chemical Communications</i> , <b>2021</b> , 57, 5020-5023	5.8	3
420	Rational assembly of metal-oxo clusters into molecular materials via a "wheel mounting" mode. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 4102-4106	6.8	
419	Aluminium nanorings: configuration deformation and structural transformation. <i>Chemical Communications</i> , <b>2021</b> , 57, 2085-2088	5.8	2
418	A metal-porphyrinic framework film as an efficient optical limiting layer in an electro-optical switchable device. <i>Chemical Communications</i> , <b>2021</b> , 57, 10166-10169	5.8	3
417	Experimental and Theoretical Studies on Effects of Structural Modification of Tin Nanoclusters for Third-Order Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 1885-1892	5.1	5
416	Step by Step Bisacrificial Templates Growth of Bimetallic Sulfide QDs-Attached MOF Nanosheets for Nonlinear Optical Limiting. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002072	8.1	7
415	Vertically Aligned MoS with In-Plane Selectively Cleaved Mo-S Bond for Hydrogen Production. <i>Nano Letters</i> , <b>2021</b> , 21, 1848-1855	11.5	24
414	Hybrid Zeolitic Imidazolate Frameworks for Promoting Electrocatalytic Oxygen Evolution via a Dual-Site Relay Mechanism. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3074-3081	5.1	7

4 <sup>13</sup>	Phosphorescent Calcium-Based Metal-Organic Framework with Second-Scale Long Afterglow. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 10075-10078	5.1	1
4 <sup>12</sup>	Odd-membered cyclic hetero-polyoxotitanate nanoclusters with high stability and photocatalytic H <sub>2</sub> evolution activity. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 1332-1337	11.3	0
4 <sup>11</sup>	Tin Metal Cluster Compounds as New Third-Order Nonlinear Optical Materials by Computational Study. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 7537-7544	6.4	1
4 <sup>10</sup>	Designable Assembly of Aluminum Molecular Rings for Sequential Confinement of Iodine Molecules. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 21426-21433	16.4	9
4 <sup>09</sup>	Phenol-triggered supramolecular transformation of titanium-oxo cluster based coordination capsules. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 2415-2418	8.1	1
4 <sup>08</sup>	Recent Advances on Transition Metal Dichalcogenides for Electrochemical Energy Conversion. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008376	24	24
4 <sup>07</sup>	Two Isostructural Titanium Metal-Organic Frameworks for Light Hydrocarbon Separation. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13955-13959	5.1	3
4 <sup>06</sup>	Protection of Ag Clusters by Metal-Oxo Modules. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15563-15570	4.8	0
4 <sup>05</sup>	Macrocyclic Inorganic Tin-Containing Oxo Clusters: Heterometallic Strategy for Configuration and Catalytic Activity Modulation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16117-16120	4.8	1
4 <sup>04</sup>	Interpenetrated Metal-Porphyrinic Framework for Enhanced Nonlinear Optical Limiting. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17162-17169	16.4	15
4 <sup>03</sup>	Mesoporous Assembly of Aluminum Molecular Rings for Iodine Capture. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 2325-2330	16.4	29
4 <sup>02</sup>	Sn and Na Oxo Clusters Based Non-centrosymmetric Framework for Solution Iodine Absorption and Second Harmonic Generation Response. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 1985-1990	5.1	4
4 <sup>01</sup>	Asymmetric metal-organic frameworks with double helices for enantioselective recognition. <i>CrystEngComm</i> , <b>2021</b> , 23, 4748-4751	3.3	0
4 <sup>00</sup>	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> , <b>2020</b> , 20, 4228-4231	3.5	2
399	Supramolecular Co-assembly of the TiL Cube with [Ti(DMF)] Species and Ti-Oxo Cluster. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8291-8297	5.1	2
398	Synthesis and photocatalytic activities of two homochiral metal-organic frameworks with cages and hydrogen bonding helices. <i>CrystEngComm</i> , <b>2020</b> , 22, 4206-4209	3.3	5
397	Designable Aluminum Molecular Rings: Ring Expansion and Ligand Functionalization. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16878	3.6	
396	Tetrahedral Geometry Induction of Stable Ag-Ti Nanoclusters by Flexible Trifurcate TiL Metalloligand. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 12784-12790	16.4	14

395	Tin-oxychalcogenide supertetrahedral clusters maintained in a MTN zeolite-analog arrangement by coulombic interactions. <i>Chemical Communications</i> , <b>2020</b> , 56, 8388-8391	5.8	2
394	Designable Aluminum Molecular Rings: Ring Expansion and Ligand Functionalization. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16735-16740	16.4	22
393	2D Boron Imidazolate Framework Nanosheets with Electrocatalytic Applications for Oxygen Evolution and Carbon Dioxide Reduction Reaction. <i>Small</i> , <b>2020</b> , 16, e1907669	11	8
392	Lead-Doped Titanium-Oxo Clusters as Molecular Models of Perovskite-Type PbTiO and Electron-Transport Material in Solar Cells. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6894-6898	4.8	13
391	Adjustment of the performance and stability of isostructural zeolitic tetrazolate-imidazolate frameworks. <i>Dalton Transactions</i> , <b>2020</b> , 49, 4690-4693	4.3	3
390	Templated synthesis of cobalt subnanoclusters dispersed N/C nanocages from COFs for highly-efficient oxygen reduction reaction. <i>Chemical Engineering Journal</i> , <b>2020</b> , 401, 126149	14.7	19
389	A supersalt-type copper(i)-thiolate cluster with applications for mechano/thermochromism and the oxygen evolution reaction. <i>Chemical Communications</i> , <b>2020</b> , 56, 3967-3970	5.8	9
388	Synergistic ligand effect for the construction of titanium-oxo clusters with planar chirality and high solution stability. <i>Dalton Transactions</i> , <b>2020</b> , 49, 4030-4033	4.3	7
387	Zeolitic Tetrazolate/Imidazolate Frameworks with SOD Topology for Room Temperature Fixation of CO <sub>2</sub> to Cyclic Carbonates. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 2866-2870	3.5	11
386	Syntheses and Structural Studies of a Series of Ti <sub>4</sub> (embonate) <sub>6</sub> -based Complexes. <i>Acta Chimica Sinica</i> , <b>2020</b> , 78, 1411	3.3	4
385	Surface-coordinated metal-organic framework thin films (SURMOFs) for electrocatalytic applications. <i>Nanoscale</i> , <b>2020</b> , 12, 12712-12730	7.7	17
384	Subnanometer iron clusters confined in a porous carbon matrix for highly efficient zinc/air batteries. <i>Nanoscale Horizons</i> , <b>2020</b> , 5, 359-365	10.8	18
383	A core-shell type alkyl-Sn-oxo cluster of {SnAs} bridged by 4-aminophenylarsonate ligands and incorporated with a {Na} cluster. <i>Chemical Communications</i> , <b>2020</b> , 56, 1433-1435	5.8	6
382	Ti(embonate) Cage-Ligand Strategy on the Construction of Metal-Organic Frameworks with High Stability and Gas Sorption Properties. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 964-967	5.1	10
381	Auto-controlled fabrication of a metal-porphyrin framework thin film with tunable optical limiting effects. <i>Chemical Science</i> , <b>2020</b> , 11, 1935-1942	9.4	35
380	Co <sub>9</sub> S <sub>8</sub> integrated into nitrogen/sulfur dual-doped carbon nanofibers as an efficient oxygen bifunctional electrocatalyst for Zn/air batteries. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 1093-1098	5.8	12
379	Ti <sub>4</sub> (embonate) <sub>6</sub> Based Cage-Cluster Construction in a Stable Metal-Organic Framework for Gas Sorption and Separation. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 29-32	3.5	15
378	Epitaxial Growth of Highly Transparent Metal-Porphyrin Framework Thin Films for Efficient Bifacial Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 1078-1083	9.5	20

377	Host-Guest Thin Films by Confining Ultrafine Pt/C QDs into Metal-Organic Frameworks for Highly Efficient Hydrogen Evolution. <i>Small</i> , <b>2020</b> , 16, e2005111	11	25
376	Self-Assembly of a Ti(embonate) Cage toward Silver. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 14861-14865	5.1	9
375	Heterometallic AgTi and AgTi-oxo clusters with different silver doping models: synthesis, structure, and theoretical studies. <i>Dalton Transactions</i> , <b>2020</b> , 49, 11005-11009	4.3	3
374	Understanding the Efficiency and Selectivity of Two-Electron Production of Metalloporphyrin-Embedded Zirconium-Pyrogallol Scaffolds in Electrochemical CO Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 52588-52594	9.5	2
373	Synthesis of Supramolecular Boron Imidazolate Frameworks for CO Photoreduction. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17851-17855	5.1	6
372	A green separation process of Ag a Ti(embonate) cage. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17194-17199	4.3	3
371	Synthesis of a Homochiral MetalOrganic Zeolite for Enantioselective Sensing and Separation. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 5644-5647	3.5	6
370	Synthesis of Ag-Doped Polyoxotitanium Nanoclusters for Efficient Electrocatalytic CO Reduction. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 11442-11448	5.1	5
369	N-Heterocyclic Carbene as a Surface Platform for Assembly of Homochiral Metal-Organic Framework Thin Films in Chiral Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 38357-38364	9.5	11
368	Stepwise Coordination Assembly Approach toward Aluminum-Lanthanide-based Compounds. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 13760-13766	5.1	6
367	Optical Resolution Studies on Ti/Zr-Based Tetrahedral Cages. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 6316-6320	6.3	6
366	CoMo-bimetallic N-doped porous carbon materials embedded with highly dispersed Pt nanoparticles as pH-universal hydrogen evolution reaction electrocatalysts. <i>Nanoscale</i> , <b>2020</b> , 12, 19804-19813	7.7	23
365	Metal-organic frameworks for electrochemical reduction of carbon dioxide: The role of metal centers. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 40, 156-170	12	75
364	Synthesis and Photoelectric Properties of Metal-Organic Zeolites Built from TO and Organotin. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 12521-12525	5.1	1
363	One-Pot and Postsynthetic Phenol-Thermal Synthesis toward Highly Stable Titanium-Oxo Clusters. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 13353-13359	5.1	14
362	Acid-Controlled Synthesis of Carboxylate-Stabilized Ti -Oxo Clusters: Scaling up Preparation, Exchangeable Protecting Ligands, and Photophysical Properties. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10450-10455	4.8	19
361	Tunable Synthesis of Hollow Metal-Nitrogen-Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. <i>ACS Nano</i> , <b>2019</b> , 13, 8087-8098	16.7	68
360	Isolated Square-Planar Copper Center in Boron Imidazolate Nanocages for Photocatalytic Reduction of CO to CO. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 11752-11756	16.4	105

359	Ligand-directed assembly engineering of trapezoidal {Ti} building blocks stabilized by dimethylglyoxime. <i>Dalton Transactions</i> , <b>2019</b> , 48, 9916-9919	4.3	7
358	Ag Ti -Oxo Cluster Containing Single-Atom Silver Sites: Atomic Structure and Synergistic Electronic Properties. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10932-10935	16.4	33
357	Amino-Polyalcohol-Solvothermal Synthesis of Titanium-Oxo Clusters: From Ti to Ti with Structural Diversity. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 7267-7273	5.1	9
356	Pyrazole-thermal synthesis: a new approach towards N-rich titanium-oxo clusters with photochromic behaviors. <i>Dalton Transactions</i> , <b>2019</b> , 48, 8049-8052	4.3	7
355	Nanocage-Based Porous Metal-Organic Frameworks Constructed from Icosahedrons and Tetrahedrons for Selective Gas Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20104-20109	8.5	24
354	Fast Synthesis of Hybrid Zeolitic Imidazolate Frameworks (HZIFs) with Exceptional Acid-Base Stability from ZIF-8 Precursors. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 3430-3434	3.5	10
353	Mixed Short and Long Ligands toward the Construction of Metal-Organic Frameworks with Large Pore Openings. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 3120-3123	3.5	13
352	Hierarchical MoS Hollow Architectures with Abundant Mo Vacancies for Efficient Sodium Storage. <i>ACS Nano</i> , <b>2019</b> , 13, 5533-5540	16.7	134
351	Water-stable Zeolitic Tetrazolate-Imidazolate Frameworks (ZTIFs) with GIS topology. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 105, 59-62	3.1	3
350	Synthesis of Anionic Metal-Organic Zeolites for Selective Gas Adsorption and Ion Exchange. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4076-4079	5.1	9
349	Stabilizing Alkyltin-Oxo Keggin Ions by Borate Functionalization. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4534-4539	3.9	12
348	Co (II) Boron Imidazolate Framework with Rigid Auxiliary Linkers for Stable Electrocatalytic Oxygen Evolution Reaction. <i>Advanced Science</i> , <b>2019</b> , 6, 1801920	13.6	33
347	Liquid-Phase Epitaxial Growth of Azapyrene-Based Chiral Metal-Organic Framework Thin Films for Circularly Polarized Luminescence. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 31421-31426	9.5	24
346	HZIF-based hybrids for electrochemical energy applications. <i>Nanoscale</i> , <b>2019</b> , 11, 15763-15769	7.7	11
345	Assembly of high-nuclearity, -oxo clusters: solvent strategies and inorganic Sn incorporation. <i>Chemical Science</i> , <b>2019</b> , 10, 9125-9129	9.4	15
344	A wide pH-range stable crystalline framework based on the largest tin-oxysulfide cluster [SnOS]. <i>Chemical Communications</i> , <b>2019</b> , 55, 11083-11086	5.8	8
343	A surface-mounted MOF thin film with oriented nanosheet arrays for enhancing the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 18519-18528	13	52
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214	Targeted design of a cubic boron imidazolate cage with sensing and reducing functions. <i>Dalton Transactions</i> , <b>2015</b> , 44, 9367-9	4.3	14
213	A structure-directing method to prepare semiconductive zeolitic cluster-organic frameworks with Cu <sub>3</sub> I <sub>4</sub> building units. <i>Chemical Communications</i> , <b>2015</b> , 51, 8994-7	5.8	39
212	Anionic metal-organic framework for adsorption and separation of light hydrocarbons. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3093-5	5.1	43
211	A highly stable face-extended diamondoid cluster-organic framework incorporating infinite inorganic guests. <i>Chemical Communications</i> , <b>2015</b> , 51, 17174-7	5.8	6
210	A zeolitic Cd(II) boron imidazolate framework with sensing and catalytic properties. <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 231, 185-189	3.3	6
209	Homochiral Cluster-Organic Frameworks Constructed from Enantiopure Lactate Derivatives. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 4676-4686	3.5	29
208	Five porous zinc(II) coordination polymers functionalized with amide groups: cooperative and size-selective catalysis. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 20210-20217	13	34
207	Asymmetric induction in homochiral MOFs: from interweaving double helices to single helices. <i>Chemical Communications</i> , <b>2015</b> , 51, 16331-3	5.8	30
206	Achievement of Bulky Homochirality in Zeolitic Imidazolate-Related Frameworks. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 11064-6	5.1	29
205	Integration of rigid and flexible organic parts for the construction of a homochiral metal-organic framework with high porosity. <i>Chemical Communications</i> , <b>2015</b> , 51, 2565-8	5.8	52
204	Water-Stable Metal-Organic Frameworks for Fast and High Dichromate Trapping via Single-Crystal-to-Single-Crystal Ion Exchange. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 205-210	9.6	255
203	High and selective sorption of C <sub>2</sub> hydrocarbons in heterometal-organic frameworks built from tetrahedral units. <i>RSC Advances</i> , <b>2015</b> , 5, 7794-7797	3.7	16
202	Coordination polymers with free Brønsted acid sites for selective catalysis. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 810-812	3.6	22
201	Facile synthesis of bimetal Au-Ag nanoparticles in a Cu(I) boron imidazolate framework with mechanochromic properties. <i>Chemical Communications</i> , <b>2015</b> , 51, 1353-5	5.8	48
200	Tuning the formations of metal-1,3,5-benzenetricarboxylate frameworks via the assistance of amino acids. <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 223, 44-52	3.3	2
199	Construction of Cluster Organic Frameworks with bnn Hexagonal BN Topologies. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 15511-5	4.8	17
198	Size-Dependent Enantioselective Adsorption of Racemic Molecules through Homochiral Metal-Organic Frameworks Embedding Helicity. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10236-40	4.8	26



197	Interpreted Recognition Process: A Highly Sensitive and Selective Luminescence Chemosensor. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 11767-72	4.8	18
196	Integration of a semi-rigid proline ligand and 4,4'-bipyridine in the synthesis of homochiral metal-organic frameworks with helices. <i>Dalton Transactions</i> , <b>2015</b> , 44, 11052-6	4.3	9
195	N-donor ligands enhancing luminescence properties of seven Zn/Cd(II) MOFs based on a large rigid $\pi$ -conjugated carboxylate ligand. <i>CrystEngComm</i> , <b>2015</b> , 17, 9155-9166	3.3	51
194	Liquid-Phase Epitaxy Effective Encapsulation of Lanthanide Coordination Compounds into MOF Film with Homogeneous and Tunable White-Light Emission. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 28585-90	9.5	37
193	A Series of Homochiral Helical Metal-Organic Frameworks Based on Proline Derivatives. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 5901-5909	3.5	26
192	A stable zinc-4-carboxypyrazole framework with high uptake and selectivity of light hydrocarbons. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2893-6	4.3	41
191	Flexible Porous Zinc-Pyrazole-Adenine Framework for Hysteretic Sorption of Light Hydrocarbons. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 1210-1213	3.5	19
190	Encapsulation of an interpenetrated diamondoid inorganic building block in a metal-organic framework. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 4931-4	4.8	13
189	Multiarylpolycarboxylate-mediated hybrid cobalt phosphate frameworks with supramolecular zeolitic topology and unusual I(2)O(2) connectivity. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 1209-11	5.1	14
188	Zeolitic BIF crystal directly producing noble-metal nanoparticles in its pores for catalysis. <i>Scientific Reports</i> , <b>2014</b> , 4, 3923	4.9	44
187	Metal-organic frameworks based upon non-zeotype 4-connected topology. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 261, 1-27	23.2	273
186	Chiral and achiral imidazole-linked tetrahedral zinc phosphonate frameworks with photoluminescent properties. <i>Dalton Transactions</i> , <b>2014</b> , 43, 285-9	4.3	25
185	Guest inducing fluorescence switching in lanthanide tris((4-carboxyl)phenyl)durylamine frameworks integrating porosity and flexibility. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 4436	7.1	56
184	Tetrahedral tetrazolate frameworks for high CO <sub>2</sub> and H <sub>2</sub> uptake. <i>Dalton Transactions</i> , <b>2014</b> , 43, 3210-4	4.3	29
183	Assembly of Four Kinds of Cages into Porous Metal-Organic Framework for Selective Sorption of Light Hydrocarbons. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 6467-6471	3.5	11
182	The photoluminescence and gas sorption properties of three Cd(II) MOFs based on 1,3,5-benzenetricarboxylate with -NH <sub>2</sub> or -OH groups. <i>Dalton Transactions</i> , <b>2014</b> , 43, 4668-73	4.3	41
181	Homochiral metal-organic frameworks with enantiopure proline units for the catalytic synthesis of $\beta$ -lactams. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12199-204	5.1	43
180	Cooperative ion-exchange and self-redox process to load catalytic metal nanoparticles into a MOF with Johnson-type cages. <i>Chemical Communications</i> , <b>2014</b> , 50, 6153-6	5.8	30

179	A luminescent neutral cadmium(II)boron(III)imidazolate framework with sql net. <i>CrystEngComm</i> , <b>2014</b> , 16, 2889	3.3	3
178	A water-stable zeolite-like metalorganic framework for selective separation of organic dyes. <i>RSC Advances</i> , <b>2014</b> , 4, 1480-1483	3.7	44
177	Two luminescent Cu(I) coordination polymers based on the 1-(4-tetrazolephenyl)imidazole ligand for sensing of nitrobenzene. <i>Inorganic Chemistry Frontiers</i> , <b>2014</b> , 1, 389	6.8	42
176	A spin-canted Ni(II)4-based metal-organic framework with gas sorption properties and high adsorptive selectivity for light hydrocarbons. <i>Chemical Communications</i> , <b>2014</b> , 50, 9161-4	5.8	27
175	Zeolitic metal-organic frameworks based on amino acid. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 10027-9	5.1	39
174	Redox-active Cu(I) boron imidazolate framework for mechanochromic and catalytic applications. <i>Chemical Communications</i> , <b>2014</b> , 50, 8754-6	5.8	50
173	Digital controlled luminescent emission via patterned deposition of lanthanide coordination compounds. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 12594-9	9.5	11
172	Organic Cation Templated Synthesis of Three Zinc2,5-Thiophenedicarboxylate Frameworks for Selective Gas Sorption. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 3493-3498	3.5	17
171	Structural diversity and photoluminescent properties of zinc benzotriazole-5-carboxylate coordination polymers. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 1500-6	5.1	51
170	Alkali/alkaline earth metal and solvents-regulated construction of novel heterometallic coordination polymers based on a semirigid ligand and tetranuclear metal clusters. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 423, 62-71	2.7	24
169	Tuning Photoluminescence Emission of a CadmiumOrganic Framework by Excitation. <i>ChemPlusChem</i> , <b>2014</b> , 79, 1080-1082	2.8	6
168	A new approach towards zeolitic tetrazolate-imidazolate frameworks (ZTIFs) with uncoordinated N-heteroatom sites for high CO2 uptake. <i>Chemical Communications</i> , <b>2014</b> , 50, 12065-8	5.8	65
167	Highly selective sorption of small hydrocarbons and photocatalytic properties of three metal-organic frameworks based on tris(4-(1H-imidazol-1-yl)phenyl)amine ligand. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 4209-14	5.1	70
166	Structure versatility of coordination polymers constructed from a semirigid ligand and polynuclear metal clusters. <i>CrystEngComm</i> , <b>2014</b> , 16, 8047-8057	3.3	41
165	Zeolitic imidazolate framework as formaldehyde gas sensor. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5411-3	5.1	183
164	Enhanced photocatalytic hydrogen production activity via dual modification of MOF and reduced graphene oxide on CdS. <i>Chemical Communications</i> , <b>2014</b> , 50, 8533-5	5.8	186
163	Synthesis and photoluminescent properties of four homochiral supramolecular compounds with butterfly-like chains. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 46, 219-222	3.1	3
162	Multifunctional anionic MOF material for dye enrichment and selective sorption of C2 hydrocarbons over methane via Ag(+)-exchange. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12973-6	5.1	46

161	Highly selective and sensitive trimethylamine gas sensor based on cobalt imidazolate framework material. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 22871-5	9.5	108
160	An Anionic MOF for Separation of Organic Dyes via Cationic-Exchange and Size-Exclusion. <i>Acta Chimica Sinica</i> , <b>2014</b> , 72, 1228	3.3	7
159	Tuning structural topologies of four Ni(II) coordination polymers through modifying the substitute group of organic ligand. <i>CrystEngComm</i> , <b>2013</b> , 15, 6191	3.3	61
158	Solvent controlled assembly of four Mn(II)-2,5-thiophenedicarboxylate frameworks with rod-packing architectures and magnetic properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 6009	3.3	39
157	A microporous nickel-organic framework with an unusual 10-connected bct net and high capacity for CO <sub>2</sub> , H <sub>2</sub> and hydrocarbons. <i>CrystEngComm</i> , <b>2013</b> , 15, 9499	3.3	12
156	Gas sorption, second-order nonlinear optics, and luminescence properties of a series of lanthanide-organic frameworks based on nanosized tris((4-carboxyl)phenylduryl)amine ligand. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12758-62	5.1	94
155	Tuning a layer to a pillared-layer metal-organic framework for adsorption and separation of light hydrocarbons. <i>Chemical Communications</i> , <b>2013</b> , 49, 11323-5	5.8	105
154	An inorganic-organic hybrid zinc phosphite framework with unusual topology. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 30, 136-138	3.1	7
153	Highly efficient C-H oxidative activation by a porous Mn(III)-porphyrin metal-organic framework under mild conditions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14316-21	4.8	88
152	Using alkaline-earth metal ions to tune structural variations of 1,3,5-benzenetricarboxylate coordination polymers. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2294-301	4.3	129
151	Organic templates promoted photocatalytic and photoluminescent properties between two coordination polymers. <i>CrystEngComm</i> , <b>2013</b> , 15, 10423	3.3	17
150	A multifunctional helical Cu(I) coordination polymer with mechanochromic, sensing and photocatalytic properties. <i>Chemical Communications</i> , <b>2013</b> , 49, 5660-2	5.8	262
149	Stable Mg-Metal-Organic Framework (MOF) and Unstable Zn-MOF Based on Nanosized Tris((4-carboxyl)phenylduryl)amine Ligand. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 6-9	3.5	63
148	Enhancing CO <sub>2</sub> adsorption enthalpy and selectivity via amino functionalization of a tetrahedral framework material. <i>CrystEngComm</i> , <b>2013</b> , 15, 658-661	3.3	26
147	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> , <b>2013</b> , 199, 42-48	3.3	47
146	Urothermal synthesis of photoluminescent lanthanide-organic frameworks with unusual topologies. <i>CrystEngComm</i> , <b>2013</b> , 15, 315-323	3.3	38
145	Temperature-dependent urothermal synthesis of two distinct La(III)-naphthalenedicarboxylate frameworks. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 29, 148-150	3.1	13
144	Urothermal synthesis of chiral metal phosphite open frameworks with in situ generated organic templates. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5654-6	5.1	42

143	Two-dimensional copper(I) coordination polymer materials as photocatalysts for the degradation of organic dyes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12-4	5.1	205
142	Metal-organic framework architecture with polyhedron-in-polyhedron and further polyhedral assembly. <i>CrystEngComm</i> , <b>2013</b> , 15, 1036-1038	3.3	21
141	Optimization of reaction conditions towards multiple types of framework isomers and periodic-increased porosity: luminescence properties and selective CO <sub>2</sub> adsorption over N <sub>2</sub> . <i>ChemPhysChem</i> , <b>2013</b> , 14, 3594-9	3.2	13
140	Tetrahedral Polyoxometalate Nanoclusters with Tetrameric Rare-Earth Cores and Germanotungstate Vertexes. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4368-4377	3.5	33
139	Porous ctn-type boron imidazolate framework for gas storage and separation. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11527-30	4.8	45
138	Cluster-Organic Framework Materials as Heterogeneous Catalysts for High Efficient Addition Reaction of Diethylzinc to Aromatic Aldehydes. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 4711-4716	9.6	111
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136	Assembly between various molecular-building-blocks for network diversity of zinc(II),3,5-benzenetricarboxylate frameworks. <i>CrystEngComm</i> , <b>2012</b> , 14, 8684	3.3	12
135	A microporous indium-organic framework with high capacity and selectivity for CO <sub>2</sub> or organosulfurs. <i>Dalton Transactions</i> , <b>2012</b> , 41, 2873-6	4.3	20
134	Open diamondoid amino-functionalized MOFs for CO <sub>2</sub> capture. <i>Chemical Communications</i> , <b>2012</b> , 48, 4842-4	3.4	71
133	Alkaline earth metal ion doped Zn(II)-terephthalates. <i>CrystEngComm</i> , <b>2012</b> , 14, 4843	3.3	118
132	Ring-size controllable metallamacrocycles as building blocks for the construction of microporous metal-organic frameworks. <i>Chemical Communications</i> , <b>2012</b> , 48, 3653-5	5.8	36
131	Chiral transformations of achiral porous metal-organic frameworks via a stepwise approach. <i>Chemical Communications</i> , <b>2012</b> , 48, 10419-21	5.8	27
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129	Urothermal synthesis and distinct thermal behavior of isostructural transition metal-based MIL-53 analogs. <i>Solid State Sciences</i> , <b>2012</b> , 14, 1263-1266	3.4	8
128	A Series of Ca(II) or Ba(II) Inorganic-Organic Hybrid Frameworks Based on Aromatic Polycarboxylate Ligands with the Inorganic MOF (M = Ca, Ba) Connectivity from 1D to 3D. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 3231-3238	3.5	92
127	Tuning MOF stability and porosity via adding rigid pillars. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9649-54	5.1	69
126	Chiral assembly of dodecahedral cavities into porous metal-organic frameworks. <i>Chemical Communications</i> , <b>2012</b> , 48, 9424-6	5.8	36

125	Guest selectivity of a porous tetrahedral imidazolate framework material during self-assembly. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 19732		16
124	Redox Reaction Induced Structural Transformation among Three Copper Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 5164-5168	3.5	11
123	Comparative study of activation methods on tuning gas sorption properties of a metal-organic framework with nanosized ligands. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 11232-4	5.1	46
122	Luminescent MTN-type cluster-organic framework with 2.6 nm cages. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 17881-4	16.4	220
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120	Homochiral porous metal-organic frameworks containing only achiral building blocks for enantioselective separation. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 16288		48
119	Temperature-Dependent Crystal Self-Assembly, Disassembly, and Reassembly Among Three Cadmium(II) Carboxylate-Phosphinates. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 2052-2058	3.5	38
118	Doping copper into ZIF-67 for enhancing gas uptake capacity and visible-light-driven photocatalytic degradation of organic dye. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 21849		243
117	Homochiral assembly of polycatenated bilayers with mixing achiral ligands. <i>CrystEngComm</i> , <b>2012</b> , 14, 789-791	3.3	31
116	Lanthanide-thiophene-2,5-dicarboxylate frameworks: ionothermal synthesis, helical structures, photoluminescent properties, and single-crystal-to-single-crystal guest exchange. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 523-30	5.1	109
115	pH Influence on the Structural Variations of 4,4'-Oxydipthalate Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 333-345	3.5	122
114	Tuning structural topologies of three photoluminescent metal-organic frameworks via isomeric biphenyldicarboxylates. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9677-82	5.1	181
113	Microporous Metal-Organic Framework Based on Mixing Nanosized Tris((4-carboxyl)-phenylduryl)amine and 4,4'-Bipyridine Ligands for Gas Storage and Separation. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 2468-2471	3.5	37
112	Charge matching on designing neutral cadmium-lanthanide-organic open frameworks for luminescence sensing. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 1069-73	4.5	89
111	Controlling state of breathing of two isoreticular microporous metal-organic frameworks with triazole homologues. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 10525-9	4.8	28
110	Temperature-/pressure-dependent selective separation of CO <sub>2</sub> or benzene in a chiral metal-organic framework material. <i>ChemSusChem</i> , <b>2012</b> , 5, 1597-601	8.3	25
109	Pore partition effect on gas sorption properties of an anionic metal-organic framework with exposed Cu <sup>2+</sup> coordination sites. <i>Chemical Communications</i> , <b>2011</b> , 47, 10647-9	5.8	132
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106	Interrupted zeolite LTA and ATN-type boron imidazolate frameworks. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11884-7	16.4	126
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104	Dynamic microporous indium(III)-4,4'-oxybis(benzoate) framework with high selectivity for the adsorption of CO <sub>2</sub> over N <sub>2</sub> . <i>Chemical Communications</i> , <b>2011</b> , 47, 770-2	5.8	85
103	Hybrid zeolitic imidazolate frameworks with catalytically active TO4 building blocks. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 450-3	16.4	320
102	Rare 5-connected BN topology in homochiral Cd(II) camphorate with 2-(4-pyridyl)benzimidazole. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 228-230	3.1	8
101	Urothermal synthesis of a photoluminescent zinc coordination polymer. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 355-357	3.1	8
100	A new open framework material based on designed semi-rigid T-shaped tricarboxylate ligand. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 986-989	3.1	54
99	Induction in urothermal synthesis of chiral porous materials from achiral precursors. <i>Chemical Communications</i> , <b>2011</b> , 47, 4950-2	5.8	74
98	A ligand-conformation driving chiral generation and symmetry-breaking crystallization of a zinc(II) organoarsenate. <i>Chemical Communications</i> , <b>2011</b> , 47, 8862-4	5.8	40
97	Surface modification of polyoxometalate host-guest supramolecular architectures: from metal-organic pseudorotaxane framework to molecular box. <i>Chemical Communications</i> , <b>2011</b> , 47, 4150-2	5.8	59
96	CuI Cluster-Based Organic Frameworks with Unusual 4- and 5-Connected Topologies. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 29-32	3.5	68
95	A series of three-dimensional lanthanide(III) coordination polymers of 2,5-dihydroxy-1,4-benzenedicarboxylic acid based on dinuclear lanthanide units. <i>CrystEngComm</i> , <b>2011</b> , 13, 4981	3.3	34
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92	Zinc(II)-boron(III)-imidazolate framework (ZBIF) with unusual pentagonal channels prepared from deep eutectic solvent. <i>Dalton Transactions</i> , <b>2010</b> , 39, 697-9	4.3	44
91	Formation of aminoxy and oxo complexes from the reaction of Nb(NMe <sub>2</sub> ) <sub>5</sub> with O <sub>2</sub> and the crystal structure of Nb(NEt <sub>2</sub> ) <sub>5</sub> . <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 4017-22	5.1	18
90	Visible Concentration-Sensitive Structural Transformation. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 1464-1467	5.5	16

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81	Structural diversity and distinct photoluminescent properties of two new lanthanide-copper (I) frameworks based on mixed isonicitinate/oxalate ligands. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 938-940	3.1	8
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79	Breaking the mirror: pH-controlled chirality generation from a meso ligand to a racemic ligand. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 989-1000	4.8	65
78	Zeolitic boron imidazolate frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2542-5	16.4	208
77	Versatile structure-directing roles of deep-eutectic solvents and their implication in the generation of porosity and open metal sites for gas storage. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3486-90	16.4	205
76	Nucleotide-catalyzed conversion of racemic zeolite-type zincophosphate into enantioenriched crystals. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 6049-51	16.4	49
75	Variable Lithium Coordination Modes in Two- and Three-Dimensional Lithium Boron Imidazolate Frameworks. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3830-3837	9.6	50
74	Zeolite RHO-type net with the lightest elements. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6111-3	16.4	155
73	Multiroute synthesis of porous anionic frameworks and size-tunable extraframework organic cation-controlled gas sorption properties. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16027-9	16.4	233
72	Temperature-controlled syntheses of substituted 1,2,4-triazolelead(II) complexes: active lone pair and N-H...X (X = Cl, Br, I) hydrogen bonds. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9992-4	5.1	19

71	In Situ Obtained Cu(II) Compound with Coexistence of Polycatenation and Polythreading. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 20-23	3.5	40
70	Absolute helicity induction in three-dimensional homochiral frameworks. <i>Chemical Communications</i> , <b>2009</b> , 206-8	5.8	94
69	Synthesis, structure, and luminescent properties of hybrid inorganic-organic framework materials formed by lead aromatic carboxylates: inorganic connectivity variation from 0D to 3D. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 6517-25	5.1	201
68	Protonated 3-amino-1,2,4-triazole templated luminescent lanthanide isophthalates with a rare (3,6)-connected topology. <i>CrystEngComm</i> , <b>2009</b> , 11, 2734	3.3	31
67	Unusual parallel entanglement of metal-organic 2D frameworks with coexistence of polyrotaxane, polycatenane and interdigitation. <i>CrystEngComm</i> , <b>2009</b> , 11, 1030	3.3	64
66	Novel (3,6)-connected network and (4,6)-connected framework in two copper(II) and cadmium(II) complexes of flexible (2S,3S,4R,5R)-tetrahydrofuran-tetracarboxylic acid: synthesis, structure, thermostability, and luminescence studies. <i>CrystEngComm</i> , <b>2009</b> , 11, 1934	3.3	21
65	Ag(I)-mediated in situ dehydrogenative coupling of 3-amino-1,2,4-triazole into 3,3'-azobis(1,2,4-triazole) in Cd(II) coordination polymers. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 10859-61	5.1	18
64	Conformation preference of a flexible cyclohexanetetracarboxylate ligand in three new metal-organic frameworks: structures, magnetic and luminescent properties. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7194-200	5.1	54
63	Supramolecular Isomerism and Various Chain/Layer Substructures in Silver(I) Compounds: Syntheses, Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 4884-4896	3.5	89
62	Spontaneous resolution of racemic camphorates in the formation of three-dimensional metal-organic frameworks. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 6356-8	5.1	46
61	Neutral and reduced Roussin's red salt ester [Fe(2)( $\mu$ -RS)(2)(NO)(4)] (R = n-Pr, t-Bu, 6-methyl-2-pyridyl and 4,6-dimethyl-2-pyrimidyl): synthesis, X-ray crystal structures, spectroscopic, electrochemical and density functional theoretical investigations. <i>Dalton Transactions</i> , <b>2009</b> , 777-86	4.3	44
60	Configuration determination of flexible tetracarboxylate ligands in two supramolecular structures. <i>CrystEngComm</i> , <b>2009</b> , 11, 1201	3.3	17
59	New Zeolitic Imidazolate Frameworks: From Unprecedented Assembly of Cubic Clusters to Ordered Cooperative Organization of Complementary Ligands. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 7377-7382	9.6	87
58	Controlled generation of acentric and homochiral coordination compounds from a versatile asymmetric ligand 4-(1H-1,2,4-triazol-3-yl)-4H-1,2,4-triazole. <i>Chemical Communications</i> , <b>2008</b> , 4159-61	5.8	16
57	Anion-Induced Coordination Versatility of 1H-1,2,4-Triazole-3-thiol (HtrzSH) Affording a New Hybrid System of Cadmium(II) Polymers: Synthesis, Structure, and Luminescent Properties. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 2562-2573	3.5	72
56	Topology analysis and nonlinear-optical-active properties of luminescent metal-organic framework materials based on zinc/lead isophthalates. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8286-93	5.1	128
55	Ionothermal synthesis of homochiral framework with acetate-pillared cobalt-camphorate architecture. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 5567-9	5.1	82
54	Nanosized lanthanide oxide rods in $\text{LiO}_3$ hybrid organic-inorganic frameworks involving in situ ligand synthesis. <i>CrystEngComm</i> , <b>2008</b> , 10, 1088	3.3	19



53	Homochiral moganite-type metal-organic framework based on unusual (Ag <sub>2</sub> Cl) <sub>n</sub> skeletons. <i>CrystEngComm</i> , <b>2008</b> , 10, 655	3.3	18
52	Synthesis, structure, and physical properties of a new anions-controlled Cd(II)-guanazole (3,5-diamino-1,2,4-triazole) hybrid family. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 4861-76	5.1	98
51	Novel Copper(I) and Copper(II) Guanazolate Complexes: Structure, Network Topologies, Photoluminescence, and Magnetic Properties. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 3735-3744	3.5	38
50	Temperature dependent charge distribution in three-dimensional homochiral cadmium camphorates. <i>Chemical Communications</i> , <b>2008</b> , 444-6	5.8	94
49	Organically templated metal-organic framework with 2-fold interpenetrated {3(3).5(9).6(3)}-lcy net. <i>Chemical Communications</i> , <b>2008</b> , 2532-4	5.8	70
48	Single- or double-stranded helices-sustained molecular bilayer architecture. <i>CrystEngComm</i> , <b>2008</b> , 10, 1345	3.3	37
47	Three-dimensional open framework built from Cu-S icosahedral clusters and its photocatalytic property. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 15238-9	16.4	111
46	A new enantiopure unsaturated dicarboxylate as a 4-connected unit in a flexible homochiral PtS-type framework. <i>Chemical Communications</i> , <b>2008</b> , 1756-8	5.8	24
45	Three-dimensional homochiral transition-metal camphorate architectures directed by a flexible auxiliary ligand. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3495-7	5.1	104
44	In Situ Synthesis of Tetradentate Dye for Construction of Three-Dimensional Homochiral Phosphor. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 5457-5459	9.6	59
43	Cooperative self-assembly of chiral L-malate and achiral succinate in the formation of a three-dimensional homochiral framework. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8607-9	5.1	29
42	A new zeolitic topology with sixteen-membered ring and multidimensional large pore channels. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7771-3	4.8	65
41	Multiple functions of ionic liquids in the synthesis of three-dimensional low-connectivity homochiral and achiral frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 5434-7	16.4	177
40	A luminescent Cu(I) complex ligated by 1,3-bis(4-pyridyl)trisulfane generated in situ by the coupling of pyridine-4-thiol. <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 164-166	3.1	17
39	Integrated molecular chirality, absolute helicity, and intrinsic chiral topology in three-dimensional open-framework materials. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 17246-7	16.4	185
38	Homochiral crystallization of microporous framework materials from achiral precursors by chiral catalysis. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12882-3	16.4	301
37	Polycatenated 3-connected hydrogen-bonding bilayer stabilized by argentophilic interactions. <i>CrystEngComm</i> , <b>2007</b> , 9, 636	3.3	28
36	One-pot synthesis of two isomeric zinc complexes with unusual polycatenation motifs. <i>CrystEngComm</i> , <b>2007</b> , 9, 390	3.3	30

35	Amine-controlled assembly of metal-sulfite architecture from 1D chains to 3D framework. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6283-90	5.1	32
34	New coordination motifs of melamine directed by N-H...X (X = Cl or Br) hydrogen bonds. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 5838-40	5.1	36
33	Cadmium Porphyrin Coordination Networks: Rich Coordination Modes and Three-Dimensional Four-Connected CdSO <sub>4</sub> and (3,5)-Connected hms Nets. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 2576-2581	3.5	51
32	Chiralization of diamond nets: stretchable helices and chiral and achiral nets with nearly identical unit cells. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 6115-8	16.4	131
31	Organic cation and chiral anion templated 3D homochiral open-framework materials with unusual square-planar {M(4)(OH)} units. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8388-91	16.4	138
30	Magnetic investigation of two helical frameworks derived from mixed ligands. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3525-3532	2.7	13
29	Twofold parallelly interpenetrated 2D polymers of d10 zinc and cadmium based on mixed nicotinate/isonicotinate ligands. <i>Journal of Molecular Structure</i> , <b>2007</b> , 827, 126-129	3.4	13
28	Comparative Study of Homochiral and Racemic Chiral Metal-Organic Frameworks Built from Camphoric Acid. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 5083-5089	9.6	158
27	Manganese and magnesium homochiral materials: decoration of honeycomb channels with homochiral chains. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 14168-9	16.4	177
26	Chiral semiconductor frameworks from cadmium sulfide clusters. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 8412-3	16.4	97
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23	Two cobalt(II) 5-aminoisophthalate complexes and their stable supramolecular microporous frameworks. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 6276-81	5.1	30
22	A rare twofold interpenetrated cds topology in a Zn-organic polymer [Zn <sub>2</sub> (BDC)(BPP)Cl <sub>2</sub> ] <sub>n</sub> . <i>Inorganic Chemistry Communication</i> , <b>2006</b> , 9, 449-451	3.1	22
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20	A twisting chiral dense $\Gamma$ 5.9 net, incorporating a helical sub-structure. <i>CrystEngComm</i> , <b>2005</b> , 7, 177-178	3.3	31
19	Syntheses and Characterizations of Two Novel Silver(I) Complexes Constructed by Oxydipropionitrile Ligand. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 73-75	3.5	9
18	Paratactic Assembly of Two Distinct Units into a Unique 3D Architecture. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 1313-1315	3.5	50

17	A rare metal-organic 3D architecture with a pseudo-primitive cubic topology with double edges constructed from a 12-connected SBU. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 995	3.6	62
16	A new polar supramolecular 3D framework [Zn(pyz)(H <sub>2</sub> O) <sub>4</sub> ]pht. <i>Journal of Molecular Structure</i> , <b>2005</b> , 750, 39-43	3.4	15
15	Synthesis, structure, and fluorescence of two cadmium(II)-citrate coordination polymers with different coordination architectures. <i>Journal of Molecular Structure</i> , <b>2005</b> , 740, 223-227	3.4	14
14	Rare 4.82 net in a fluorescent Cd-organic framework. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 722-724	3.4	15
13	A fluorescent Zn-Benzotriazole 2D polymer with (6,3) topology. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 828-830	3.1	30
12	Three Copper(II) Coordination Polymers Constructed by Both Rigid and Flexible Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 3053-3057	1.3	19
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10	A simultaneous redox, alkylation, self-assembly reaction under solvothermal conditions afforded a luminescent copper(I) chain polymer constructed of Cu <sub>3</sub> I <sub>4</sub> - and EtS-4-C <sub>5</sub> H <sub>4</sub> N+Et components (Et = CH <sub>3</sub> CH <sub>2</sub> ). <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 7796-7	16.4	217
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6	1D chain structure, NLO and luminescence properties of. <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 1139-1141	3.1	64
5	A novel ligand-unsupported 3D framework polymer of trimeric copper(I) and its NLO property. <i>Chemical Communications</i> , <b>2004</b> , 1046-7	5.8	56
4	Co-chelation of a scorpion-shaped carboxylate ligand and phenanthroline lead to a 2-D interpenetratively tubular architecture. <i>CrystEngComm</i> , <b>2004</b> , 6, 315	3.3	37
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2	Interweaving 3D network with double helical tubes filled by 1D coordination polymer chains. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 6525-7	5.1	85
1	Tunable chiroptical application by encapsulating achiral lanthanide complexes into chiral MOF thin films. <i>Nano Research</i> , 1	10	5