Xian-Ming Zhang

List of Publications by Year
in descending order

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		47409	60403
228	9,019	49	85
papers	citations	h-index	g-index

230	230	230	8615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>Singleâ€Molecule</scp> Confinement Induced Intrinsic <scp>Multiâ€Electron Redoxâ€Activity</scp> to Enhance Supercapacitor Performance. Energy and Environmental Materials, 2023, 6, .	7.3	5
2	Synergistic effect of NiII and Co/FeIII in doped mixed-valence phosphonate for enhancing electrocatalytic oxygen evolution. Green Energy and Environment, 2022, 7, 432-439.	4.7	8
3	A Photoâ€Responsive Chargeâ€Assisted Hydrogenâ€Bonded Organic Network with Ultraâ€Stable Viologen Radicals. Chinese Journal of Chemistry, 2022, 40, 351-356.	2.6	14
4	Ca-cluster-constructed deep-ultraviolet nonlinear-optical crystal Na2Ca17Al2(PO4)14 with strong NLO response. Journal of Alloys and Compounds, 2022, 896, 162975.	2.8	2
5	Lead Tellurite Crystals BaPbTe₂O₆ and PbVTeO₅F with Large Nonlinear-/Linear-Optical Responses due to Active Lone Pairs and Distorted Octahedra. Inorganic Chemistry, 2022, 61, 1538-1545.	1.9	10
6	Coordination units of Mn²⁺ modulation toward tunable emission in zero-dimensional bromides for white light-emitting diodes. Journal of Materials Chemistry C, 2022, 10, 2095-2102.	2.7	35
7	In situ insertion of copper to form heteroanionic D_{3h}-symmetric [Cu₃Mo₈O₃₂]^{10â^'} for a templated Ag₅₅ nanocluster. Nanoscale, 2022, 14, 4469-4473.	2.8	3
8	Engineering Steam Induced Surface Oxygen Vacancy onto Niâ€“Fe Bimetallic Nanocomposite for CO₂ Electroreduction. Small, 2022, 18, e2108034.	5.2	20
9	Formamidinium Perovskitizers and Aromatic Spacers Synergistically Building Bilayer Dionâ€“Jacobson Perovskite Photoelectric Bulk Crystals. ACS Applied Materials & Interfaces, 2022, 14, 11690-11698.	4.0	20
10	Organicâ€“Inorganic High-Valence Sn₁₈-oxo Clusters: Direct Utilization of an Inorganic Sn(IV) Source to Improve the Nuclearity and Electrocatalytic CO₂ Reduction Properties. Inorganic Chemistry, 2022, 61, 6037-6044.	1.9	6
11	Sequential enhancement of proton conductivity by aliovalent cadmium substitution and post-synthetic esterolysis in a carboxylate-functionalized indium framework with dimethylaminium templates. Inorganic Chemistry Frontiers, 2022, 9, 2997-3002.	3.0	4
12	Chemically anchoring molybdenum atoms onto micropore-rich VN nanosheet for boosted nitrogen electro-fixation via hydrogen bonds. Chemical Engineering Journal, 2022, 446, 136915.	6.6	4
13	Cdâ€Based Metalâ€“Organic Framework for Selective Turnâ€On Fluorescent DMSO Residual Sensing. Chemistry - A European Journal, 2021, 27, 3753-3760.	1.7	12
14	Design and synthesis of PbBiVO5 electrode by polymorph engineering for rechargeable battery. Journal of Solid State Chemistry, 2021, 293, 121777.	1.4	1
15	Broadband white-light emission in a one-dimensional organicâ€“inorganic hybrid cadmium chloride with face-sharing CdCl₆ octahedral chains. Journal of Materials Chemistry C, 2021, 9, 88-94.	2.7	54
16	A <scp>Topâ€Down</scp> Approach towards Cu(I) Alkynyl Clusters with Unusual Geometry. Chinese Journal of Chemistry, 2021, 39, 937-941.	2.6	9
17	Blue luminescent N,S-doped carbon dots encapsulated in red emissive Eu-MOF to form dually emissive composite for reversible anti-counterfeit ink. Dalton Transactions, 2021, 50, 1690-1696.	1.6	19
18	Highly efficient self-trapped exciton emission in a one-dimensional face-shared hybrid lead bromide. Chemical Communications, 2021, 57, 2495-2498.	2.2	29

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19	Manipulation of Cl/Br transmutation in zero-dimensional Mn²⁺-based metal halides toward tunable photoluminescence and thermal quenching behaviors. Journal of Materials Chemistry C, 2021, 9, 2047-2053.	2.7	44
20	A lead-free layered Dionâ€“Jacobson hybrid double perovskite constructed by an aromatic diammonium cation. Inorganic Chemistry Frontiers, 2021, 8, 3576-3580.	3.0	12
21	Turn-On Fluorescence Enantioselective Sensing of Hydroxyl Carboxylic Enantiomers by Metalâ€“Organic Framework Nanosheets with a Homochiral Tetracarboxylate of Cyclohexane Diamide. ACS Applied Materials & Interfaces, 2021, 13, 20821-20829.	4.0	34
22	Engineering Oxygen Vacancies in Mesocrystalline CuO Nanosheets for Water Oxidation. ACS Applied Nano Materials, 2021, 4, 6135-6144.	2.4	22
23	Sr2Pb(BeB5O10)(BO3): An Excellent Ultraviolet Nonlinear-Optical Beryllium Borate by the Pb-Modified Construction of a Conjugated System and Lone-Pair Effect. Inorganic Chemistry, 2021, 60, 11214-11221.	1.9	10
24	Introducing High Density of Very Active Sites and Stepwise Postmodification for Tailoring the Porosity of Highly Demanding Cr³⁺-Based Metalâ€“Organic Frameworks. Inorganic Chemistry, 2021, 60, 12109-12115.	1.9	3
25	<scp>Fe₂Mn</scp>(<scp>Î¼₃â€Ō</scp>)(<scp>COO</scp>)₆ Cluster Based Stable <scp>MOF</scp> for Oxidative Coupling of Amines via Heterometallic Synergy. Chinese Journal of Chemistry, 2021, 39, 2983-2989.	2.6	9
26	In Situ Aliovalent Nickle Substitution and Acidic Modification of Nanowalls Promoted Proton Conductivity in InOF with 1D Helical Channel. ACS Applied Materials & Interfaces, 2021, 13, 38289-38295.	4.0	9
27	Unraveling the Ultrafast Self-assembly and Photoluminescence in Zero-Dimensional Mn²⁺-Based Halides with Narrow-Band Green Emissions. ACS Applied Electronic Materials, 2021, 3, 4144-4150.	2.0	16
28	Insights into varying dimension structures for deep-UV optical crystals NaBa2Al(P2O7)2 and NaBaAl(PO4)2 constructed separately from unique [Al(P2O7)2] chains and [Al(PO4)2] layers. Journal of Solid State Chemistry, 2021, 301, 122333.	1.4	4
29	A Photochromic Zincâ€“Viologen Framework with a High-Contrast Nonlinear Optical Switchable Behavior. Crystal Growth and Design, 2021, 21, 5752-5759.	1.4	9
30	An uncoordinated tertiary nitrogen based tricarboxylate calcium network with Lewis acidâ€“base dual catalytic sites for cyanosilylation of aldehydes. Dalton Transactions, 2021, 50, 1740-1745.	1.6	8
31	A One-Dimensional Broadband Emissive Hybrid Lead Iodide with Face-Sharing PbI₆ Octahedral Chains. Inorganic Chemistry, 2021, 60, 15136-15140.	1.9	16
32	Two SbX5-based isostructural polar 1D hybrid antimony halides with tunable broadband emission, nonlinear optics, and semiconductor properties. Science China Chemistry, 2021, 64, 2111-2117.	4.2	10
33	Consolidation of 2D Frameworks Based on Corner-Shared Supertetrahedral T5 Clusters via M₂OS₂ Units for Tunable Photoluminescent and Semiconductor Properties. Inorganic Chemistry, 2021, 60, 18307-18313.	1.9	2
34	Tandem Access to Acridones and their Fused Derivatives: [1+2+3] Annulation of Isocyanides with Unsaturated Carbonyls. Advanced Synthesis and Catalysis, 2020, 362, 2379-2384.	2.1	9
35	Optimized trimetallic benzotriazole-5-carboxylate MOFs with coordinately unsaturated active sites as an efficient electrocatalyst for the oxygen evolution reaction. Dalton Transactions, 2020, 49, 750-756.	1.6	25
36	Molecularâ€Sieving Membrane by Partitioning the Channels in Ultrafiltration Membrane by Inâ€…Situ Polymerization. Angewandte Chemie - International Edition, 2020, 59, 4401-4405.	7.2	35

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37	A quasi-D3-symmetrical metal chalcogenide cluster constructed by the corner-sharing of two T3 supertetrahedra. Dalton Transactions, 2020, 49, 13958-13961.	1.6	5
38	Enhanced Proton Conductivity by Aliovalent Substitution of Cadmium for Indium in Dimethylaminium-Templated Metal Anilicates. ACS Applied Materials & Interfaces, 2020, 12, 41605-41612.	4.0	17
39	O-coordinated W-Mo dual-atom catalyst for pH-universal electrocatalytic hydrogen evolution. Science Advances, 2020, 6, eaba6586.	4.7	263
40	Tri(pyridinyl)pyridine Viologen-Based Kagome Dual Coordination Polymer with Selective Chromic Response to Soft X-ray and Volatile Organic Amines. Inorganic Chemistry, 2020, 59, 9047-9054.	1.9	40
41	M₄LiBe₄P₇O₂₄ and M₄Li(Li₃P)P₇O₂₄ (M = Cs, Rb): deep-ultraviolet nonlinear-optical phosphates with a tetrahedra-substituted paracelsian-like framework. Chemical Communications, 2020, 56, 8639-8642.	2.2	7
42	BaLiTe₂O₅X (X = Cl, Br): mixed alkali/alkaline-earth metal tellurite halides with [Te₂O₅]_{â^ž} chains. Dalton Transactions, 2020, 49, 4914-4919.	1.6	7
43	Covalently Connected Nb₄N_{5â€“x}O_xâ€“MoS₂ Heterocatalysts with Desired Electron Density to Boost Hydrogen Evolution. ACS Nano, 2020, 14, 4925-4937.	7.3	50
44	Front Cover Picture: Tandem Access to Acridones and their Fused Derivatives: [1+2+3] Annulation of Isocyanides with Unsaturated Carbonyls (Adv. Synth. Catal. 12/2020). Advanced Synthesis and Catalysis, 2020, 362, 2287-2287.	2.1	0
45	A triflate and alkynyl protected Ag43 nanocluster with a passivated surface. RSC Advances, 2020, 10, 19397-19400.	1.7	2
46	High Coordinate Metal Iodate Chlorides with Diverse Structural Motifs and Tunable Birefringence. Crystal Growth and Design, 2020, 20, 5473-5483.	1.4	8
47	Modulator-Induced Zr-MOFs Diversification and Investigation of Their Properties in Gas Sorption and Fe3+ Ion Sensing. Inorganic Chemistry, 2020, 59, 2961-2968.	1.9	22
48	Observation of Nonâ€FCC Copper in Alkynylâ€Protected Cu₅₃Nanoclusters. Angewandte Chemie, 2020, 132, 6569-6574.	1.6	6
49	Tetrahedral Î¼₄-chloride and in situ generated octahedral Î¼₆-sulfide templating Co₈ complexes with different distortions of the cube. Chemical Communications, 2020, 56, 4236-4239.	2.2	5
50	The construction of helicate metalâ€“organic nanotubes and enantioselective recognition. Journal of Materials Chemistry C, 2020, 8, 4453-4460.	2.7	12
51	A rational design of efficient trifunctional electrocatalysts derived from tailored Co²⁺-functionalized anionic metalâ€“organic frameworks. Dalton Transactions, 2020, 49, 2280-2289.	1.6	14
52	Observation of Nonâ€FCC Copper in Alkynylâ€Protected Cu₅₃Nanoclusters. Angewandte Chemie - International Edition, 2020, 59, 6507-6512.	7.2	56
53	A pre-synthetic strategy to construct single ion conductive covalent organic frameworks. Chemical Communications, 2020, 56, 2747-2750.	2.2	29
54	A two-dimensional bilayered Dionâ€“Jacobson-type perovskite hybrid with a narrow bandgap for broadband photodetection. Inorganic Chemistry Frontiers, 2020, 7, 1394-1399.	3.0	25

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55	A series of silver doped butterfly-like Ti₈Ag₂ clusters with two Ag ions panelled on a Ti₈ surface. Dalton Transactions, 2019, 48, 13423-13429.	1.6	26
56	X-ray and UV Dual Photochromism, Thermochromism, Electrochromism, and Amine-Selective Chemochromism in an Anderson-like Zn₇ Cluster-Based 7-Fold Interpenetrated Framework. Journal of the American Chemical Society, 2019, 141, 12663-12672.	6.6	248
57	LiM^{II}(IO₃)₃ (M^{II}=Zn and Cd): Two Promising Nonlinear Optical Crystals Derived from a Tunable Structure Model of Î±â€LiIO₃. Angewandte Chemie, 2019, 131, 17354-17358.	1.6	49
58	LiM^{II}(IO₃)₃ (M^{II}=Zn and Cd): Two Promising Nonlinear Optical Crystals Derived from a Tunable Structure Model of Î±â€LiIO₃. Angewandte Chemie - International Edition, 2019, 58, 17194-17198.	7.2	69
59	BeO₆ Trigonal Prism with Ultralong Beâ€“O Bonds Observed in a Deep Ultraviolet Optical Crystal Li₁₃BeBe₆B₉O₂₇. Inorganic Chemistry, 2019, 58, 2201-2207.	1.9	9
60	KBi(IO₃)₃(OH) and NaBi(IO₃)₄: from the centrosymmetric chain to a noncentrosymmetric double layer. Dalton Transactions, 2019, 48, 10320-10326.	1.6	15
61	A superstable 3p-block metalâ€“organic framework platform towards prominent CO₂ and C1/C2-hydrocarbon uptake and separation performance and strong Lewis acid catalysis for CO₂ fixation. Inorganic Chemistry Frontiers, 2019, 6, 813-819.	3.0	45
62	Highly Selective Radioactive ¹³⁷Cs⁺ Capture in an Open-Framework Oxysulfide Based on Supertetrahedral Cluster. Chemistry of Materials, 2019, 31, 1628-1634.	3.2	30
63	Single-Component Color-Tunable Gd(pic)₃: Eu³⁺ Phosphor Based on a Metalâ€“Organic Framework for Near-UV White-Light-Emitting Diodes. ACS Omega, 2019, 4, 3593-3600.	1.6	15
64	Coexistence of Cu(<scp>ii</scp>) and Cu(<scp>i</scp>) in Cu ion-doped zeolitic imidazolate frameworks (ZIF-8) for the dehydrogenative coupling of silanes with alcohols. Dalton Transactions, 2019, 48, 16562-16568.	1.6	37
65	Precise and Wide-Ranged Band-Gap Tuning of Ti₆-Core-Based Titanium Oxo Clusters by the Type and Number of Chromophore Ligands. Inorganic Chemistry, 2019, 58, 16785-16791.	1.9	39
66	The photochromic behaviour of two viologen salts modulated by the distances between the halide anions and the cationic N atoms of viologen. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1628-1634.	0.2	6
67	(003)-Facet-exposed Ni3S2 nanoporous thin films on nickel foil for efficient water splitting. Applied Catalysis B: Environmental, 2019, 243, 693-702.	10.8	129
68	Synergetic Influence of Alkali-Metal and Lone-Pair Cations on Frameworks of Tellurites. Inorganic Chemistry, 2018, 57, 5406-5412.	1.9	13
69	Chiral metalâ€“organic frameworks constructed from four-fold helical chain SBUs for enantioselective recognition of Î±-hydroxy/amino acids. Inorganic Chemistry Frontiers, 2018, 5, 153-159.	3.0	26
70	Defect-enriched iron fluoride-oxide nanoporous thin films bifunctional catalyst for water splitting. Nature Communications, 2018, 9, 1809.	5.8	188
71	Silverâ€Catalyzed Isocyanide Insertion into Nâ€“H Bond of Ammonia: [5+1] Annulation to Quinazoline Derivatives. Advanced Synthesis and Catalysis, 2018, 360, 1938-1942.	2.1	27
72	Li6Na3Sr14Al11P22O90: an oxo-centered Al3cluster based phosphate constructed from two types of (3,6)-connected kgd layers. Dalton Transactions, 2018, 47, 298-301.	1.6	7

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73	Breathing Europiumâ€“Terbium Co-doped Luminescent MOF as a Broad-Range Ratiometric Thermometer with a Contrasting Temperatureâ€“Intensity Relationship. ACS Omega, 2018, 3, 5754-5760.	1.6	28
74	Photochromic Porous and Nonporous Viologen-Based Metalâ€“Organic Frameworks for Visually Detecting Oxygen. Crystal Growth and Design, 2018, 18, 3883-3889.	1.4	65
75	Cobalt nanocrystals embedded into N-doped carbon as highly active bifunctional electrocatalysts from pyrolysis of triazolebenzoate complex. Electrochimica Acta, 2018, 284, 733-741.	2.6	13
76	Novel Covalent Triazine Framework for High-Performance CO₂ Capture and Alkyne Carboxylation Reaction. ACS Applied Materials & Interfaces, 2018, 10, 27972-27978.	4.0	78
77	Reversible Double Nucleophilic Substitution Reaction inside Single-Crystal MOF Tuned Remarkable Magnetic Behavior. Inorganic Chemistry, 2018, 57, 6787-6790.	1.9	12
78	Light and Heat Dually Responsive Luminescence in Organic Templated CdSO₄-type Halogeno(cyano)cuprates with Disorder of Halogenide/Cyanide. Crystal Growth and Design, 2017, 17, 746-752.	1.4	20
79	A Fluorescent Anionic MOF with Zn₄(trz)₂ Chain for Highly Selective Visual Sensing of Contaminants: Cr(III) Ion and TNP. Inorganic Chemistry, 2017, 56, 2690-2696.	1.9	129
80	Solventâ€Assisted Metal Metathesis: A Highly Efficient and Versatile Route towards Synthetically Demanding Chromium Metalâ€“Organic Frameworks. Angewandte Chemie, 2017, 129, 6578-6582.	1.6	4
81	Innentitelbild: Solventâ€Assisted Metal Metathesis: A Highly Efficient and Versatile Route towards Synthetically Demanding Chromium Metalâ€“Organic Frameworks (Angew. Chem. 23/2017). Angewandte Chemie, 2017, 129, 6444-6444.	1.6	0
82	One-step ethanolysis of lignin into small-molecular aromatic hydrocarbons over nano-SiC catalyst. Bioresource Technology, 2017, 226, 145-149.	4.8	22
83	Tunability in Metal Coordination Sphere, Ligand Coordination Mode, Network Topology, and Magnetism via Stepwise Dehydration Induced Single-Crystal to Single-Crystal Transformation. Crystal Growth and Design, 2017, 17, 3724-3730.	1.4	12
84	Heptazine-Based Porous Framework Supported Palladium Nanoparticles for Green Suzukiâ€“Miyaura Reaction. Industrial & Engineering Chemistry Research, 2017, 56, 4275-4280.	1.8	33
85	Solventâ€Assisted Metal Metathesis: A Highly Efficient and Versatile Route towards Synthetically Demanding Chromium Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2017, 56, 6478-6482.	7.2	80
86	Two Phosphates: Noncentrosymmetric Cs₆Mg₆(PO₃)₁₈ and Centrosymmetric Cs₂MgZn₂(P₂O₇)₂. Inorganic Chemistry, 2017, 56, 845-851.	1.9	48
87	Alkali earth MO_x (x = 6, 7, 9, 12) polyhedra tuned cadmium selenites with different dimensions and diverse SeO₃^{2â”} coordinations. CrystEngComm, 2017, 19, 6644-6650.	1.3	1
88	Observation of Contrary Thermo-responsive Trend for Single Crystal and Powder Samples in Mechano-, Thermo- and Solvato-responsive Luminescent Cubane [Ag4I4L4] Cluster. Scientific Reports, 2017, 7, 13058.	1.6	12
89	Bidentate Phosphine-Assisted Synthesis of an All-Alkynyl-Protected Ag₇₄ Nanocluster. Journal of the American Chemical Society, 2017, 139, 12346-12349.	6.6	148
90	Fourfold-Interpenetrated MOF [Ni(pybz)₂] as Coating Material in Gas Chromatographic Capillary Column for Separation. Inorganic Chemistry, 2017, 56, 8912-8919.	1.9	16

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91	Heterogeneous hybrid of propyl amino functionalized MCM-41 and 1H-1,2,4-triazole for high efficient intermediate temperature proton conductor. RSC Advances, 2017, 7, 52321-52326.	1.7	4
92	Unveiling the relative stability and proton binding of non-classical Wellsâ€“Dawson isomers of [(NaF6)W18O54(OH)2]7â^' and [(SbO6)W18O54(OH)2]9â^': a DFT study. Dalton Transactions, 2017, 46, 16145-16158.	1.6	3
93	Pb@Pb₈ Basket-like-Cluster-Based Lead Tellurateâ€“Nitrate Kleinman-Forbidden Nonlinear-Optical Crystal: Pb₉Te₂O₁₃(OH)(NO₃)₃. Inorganic Chemistry, 2017, 56, 7900-7906.	1.9	26
94	Homochiral MOF as Circular Dichroism Sensor for Enantioselective Recognition on Nature and Chirality of Unmodified Amino Acids. ACS Applied Materials & Interfaces, 2017, 9, 20991-20999.	4.0	91
95	Carbazolic Porous Framework with Tetrahedral Core for Gas Uptake and Tandem Detection of Iodide and Mercury. ACS Applied Materials & Interfaces, 2017, 9, 21438-21446.	4.0	41
96	Phase Transfer of Nanoparticles Using an Amphiphilic Ionic Liquid. Langmuir, 2016, 32, 13746-13751.	1.6	11
97	Open-Framework Oxysulfide Based on the Supertetrahedral [In₄Sn₁₆O₁₀S₃₄]^{12â€“} Cluster and Efficient Sequestration of Heavy Metals. Journal of the American Chemical Society, 2016, 138, 5543-5546.	6.6	99
98	Photochromic and Nonphotochromic Luminescent Supramolecular Isomers Based on Carboxylate-Functionalized Bipyridinium Ligand: (4,4)-Net versus Interpenetrated (6,3)-Net. ACS Applied Materials & Interfaces, 2016, 8, 24862-24869.	4.0	79
99	Flexible solid-state supercapacitor of metal-organic framework coated on carbon nanotube film interconnected by electrochemically -codeposited PEDOT-GO. ChemistrySelect, 2016, 1, 285-289.	0.7	60
100	Single Component Lanthanide Hybrids Based on Metalâ€“Organic Framework for Near-Ultraviolet White Light LED. ACS Applied Materials & Interfaces, 2016, 8, 24123-24130.	4.0	99
101	A Luminescent Zinc(II) Metalâ€“Organic Framework (MOF) with Conjugated Ï€-Electron Ligand for High Iodine Capture and Nitro-Explosive Detection. Inorganic Chemistry, 2016, 55, 9270-9275.	1.9	176
102	Tandem cycloadditionâ€“decarboxylation of Î±-keto acid and isocyanide under oxidant-free conditions towards monosubstituted oxazoles. RSC Advances, 2016, 6, 73450-73453.	1.7	13
103	Simultaneous Luminescent Thermochromism, Vapochromism, Solvatochromism, and Mechanochromism in a C₃-Symmetric Cubane [Cu₄I₄P₄] Cluster without Cuâ€“Cu Interaction. Inorganic Chemistry, 2016, 55, 7323-7325.	1.9	79
104	In Situ Surface Engineering of Mesoporous Silica Generates Interfacial Activity and Catalytic Acceleration Effect. ACS Omega, 2016, 1, 930-938.	1.6	10
105	KSbI 6 O 18 : An antimony iodate semiconductor material with cyclic chiral S 6 -symmetric hexaiodate. Inorganic Chemistry Communication, 2016, 65, 13-15.	1.8	5
106	Cyanide-bridged mixed-valence copper(II/I) coordination polymers: Unique 7-connected sev-type 3D network versus anionic 2D host network encapsulated with cationic complex. Inorganic Chemistry Communication, 2016, 63, 101-106.	1.8	8
107	Hexagonal Co₆ and zigzag Co₄ cluster based magnetic MOFs with a pcu net for selective catalysis. Inorganic Chemistry Frontiers, 2016, 3, 78-85.	3.0	8
108	Genuine supramolecular isomers based on Y-shaped pyridinedicarboxylate ligands with distinct topology: 2D 6³layer, kgd layer to 3D rtl net. CrystEngComm, 2016, 18, 2065-2071.	1.3	13

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109	Enhanced Selective CO2 Capture upon Incorporation of Dimethylformamide in the Cobalt Metalâ€“Organic Framework [Co3(OH)2(btca)2]. Energy & Fuels, 2016, 30, 526-530.	2.5	11
110	Efficient and environmentally friendly Glaser coupling of terminal alkynes catalyzed by multinuclear copper complexes under base-free conditions. RSC Advances, 2016, 6, 28653-28657.	1.7	22
111	An azo-linked porous triptycene network as an absorbent for CO₂ and iodine uptake. Polymer Chemistry, 2016, 7, 643-647.	1.9	123
112	Solvent-free heterogeneous catalysis for cyanosilylation in a modified sodalite-type Cu(<scp>ii</scp>)-MOF. RSC Advances, 2015, 5, 24293-24298.	1.7	29
113	A homochiral magnet based on D₃ symmetric [(NaO₃)Co₃] clusters: from spontaneous resolution to absolute chiral induction. Chemical Communications, 2015, 51, 5108-5111.	2.2	31
114	Enhanced Catalysis Activity in a Coordinatively Unsaturated Cobalt-MOF Generated via Single-Crystal-to-Single-Crystal Dehydration. Inorganic Chemistry, 2015, 54, 6312-6318.	1.9	45
115	An non-centrosymmetric mononuclear Zr complex exhibiting UV second-harmonic-generation. Functional Materials Letters, 2015, 08, 1550029.	0.7	0
116	Heptazine-Based Porous Framework for Selective CO₂ Sorption and Organocatalytic Performances. ACS Applied Materials & Interfaces, 2015, 7, 28452-28458.	4.0	51
117	A New Class of Cuprous Bromide Cluster-Based Hybrid Materials: Direct Observation of the Stepwise Replacement of Hydrogen Bonds by Coordination Bonds. Inorganic Chemistry, 2015, 54, 554-559.	1.9	19
118	An interpenetrated bioactive nonlinear optical MOF containing a coordinated quinolone-like drug and Zn(<scp>ii</scp>) for pH-responsive release. Dalton Transactions, 2015, 44, 1800-1804.	1.6	47
119	A perfectly aligned 6₃helical tubular cuprous bromide single crystal for selective photo-catalysis, luminescence and sensing of nitro-explosives. Dalton Transactions, 2015, 44, 3410-3416.	1.6	12
120	Solvent-free heterogeneous catalysis for cyanosilylation in a dynamic cobalt-MOF. Dalton Transactions, 2015, 44, 12711-12716.	1.6	54
121	Pb₇O(OH)₃(CO₃)₃(BO₃): First Mixed Borate and Carbonate Nonlinear Optical Material Exhibiting Large Second-Harmonic Generation Response. Inorganic Chemistry, 2015, 54, 4138-4142.	1.9	69
122	Planar Mn₄O Cluster Homochiral Metalâ€“Organic Framework for HPLC Separation of Pharmaceutically Important (Â±)-Ibuprofen Racemate. Inorganic Chemistry, 2015, 54, 3713-3715.	1.9	66
123	An organic-ligand-free thermochromic luminescent cuprous iodide trinuclear cluster: evidence for cluster centered emission and configuration distortion with temperature. Chemical Communications, 2015, 51, 8062-8065.	2.2	80
124	A pyridyl-decorated MOF-505 analogue exhibiting hierarchical porosity, selective CO2 capture and catalytic capacity. Dalton Transactions, 2015, 44, 20027-20031.	1.6	14
125	Reversible single-crystal-to-single-crystal transformation from a mononuclear complex to a fourfold interpenetrated MOF with selective adsorption of CO₂. Dalton Transactions, 2015, 44, 19796-19799.	1.6	19
126	Three-coordinate copper(I) 2-hydroxy-1,10-phenanthroline dinuclear complex catalyzed homocoupling of arylboronic acids towards biphenyls under air condition. Tetrahedron, 2015, 71, 9598-9601.	1.0	14

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127	Selective adsorption in two porous triazolateâ€“oxalate-bridged antiferromagnetic metal-azolate frameworks obtained via in situ decarboxylation of 3-amino-1,2,4-triazole-5-carboxylic acid. Journal of Solid State Chemistry, 2015, 223, 73-78.	1.4	9
128	Ferromagnetically coupled chiral dysprosium hydroxysulfate and centrosymmetric dysprosium hydroxysulfate-oxalate: Dy₄(OH)₄cubane based high-connected networks via in situ conversion of organosulfur to sulfate. RSC Advances, 2014, 4, 53954-53959.	1.7	13
129	Tunable Nonlinear Optical Property and Photocatalytic Activity on Luminescent Chiral Lanthanide Chains. Chinese Journal of Chemistry, 2014, 32, 1259-1266.	2.6	3
130	Planar Cu2(ppz)2 Dimers as SBUs for Diverse Polyoxometalate-Based Metal Organic Frameworks. Crystal Growth and Design, 2014, 14, 5773-5783.	1.4	6
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