

Shuang-Quan Zang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5615521/shuang-quan-zang-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

256
papers

12,250
citations

60
h-index

103
g-index

281
ext. papers

16,445
ext. citations

10.1
avg, IF

7.37
L-index

#	Paper	IF	Citations
256	Hypersensitive dual-function luminescence switching of a silver-chalcogenolate cluster-based metal-organic framework. <i>Nature Chemistry</i> , 2017 , 9, 689-697	17.6	610
255	Indirect Z-Scheme BiOI/g-C ₃ N ₄ Photocatalysts with Enhanced Photoreduction CO ₂ Activity under Visible Light Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 3765-75	9.5	457
254	MOF-Derived Bifunctional Cu P Nanoparticles Coated by a N,P-Codoped Carbon Shell for Hydrogen Evolution and Oxygen Reduction. <i>Advanced Materials</i> , 2018 , 30, 1703711	24	371
253	Non-Noble-Metal-Based Electrocatalysts toward the Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2020 , 30, 1910274	15.6	362
252	Functional metal-organic frameworks as effective sensors of gases and volatile compounds. <i>Chemical Society Reviews</i> , 2020 , 49, 6364-6401	58.5	336
251	Novel Tb-MOF Embedded with Viologen Species for Multi-Photofunctionality: Photochromism, Photomodulated Fluorescence, and Luminescent pH Sensing. <i>Chemistry of Materials</i> , 2015 , 27, 1327-1331	9.6	323
250	Highly selective Fe ³⁺ sensing and proton conduction in a water-stable sulfonate-carboxylate Tb-organic-framework. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 641-647	13	297
249	Selective Sensing of Fe(3+) and Al(3+) Ions and Detection of 2,4,6-Trinitrophenol by a Water-Stable Terbium-Based Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2015 , 21, 15705-12	4.8	266
248	Metal-Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4634-4650	16.4	232
247	Unique Proton Dynamics in an Efficient MOF-Based Proton Conductor. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3505-3512	16.4	215
246	Atomically Precise Site-Specific Tailoring and Directional Assembly of Superatomic Silver Nanoclusters. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1069-1076	16.4	197
245	Halogen bonding: A powerful, emerging tool for constructing high-dimensional metal-containing supramolecular networks. <i>Coordination Chemistry Reviews</i> , 2016 , 308, 1-21	23.2	191
244	Photocatalytic CO ₂ reduction over metal-organic framework-based materials. <i>Coordination Chemistry Reviews</i> , 2020 , 412, 213262	23.2	182
243	Cr(VI) removal via anion exchange on a silver-triazolate MOF. <i>Journal of Hazardous Materials</i> , 2017 , 321, 622-628	12.8	175
242	Supporting Ultrathin ZnIn S Nanosheets on Co/N-Doped Graphitic Carbon Nanocages for Efficient Photocatalytic H ₂ Generation. <i>Advanced Materials</i> , 2019 , 31, e1903404	24	172
241	A super water-stable europium-organic framework: guests inducing low-humidity proton conduction and sensing of metal ions. <i>Chemical Communications</i> , 2014 , 50, 9153-6	5.8	156
240	Synergistic photocatalysis of Cr(VI) reduction and 4-Chlorophenol degradation over hydroxylated Fe ₂ O ₃ under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2016 , 311, 11-9	12.8	150

239	Atom-Precise Modification of Silver(I) Thiolate Cluster by Shell Ligand Substitution: A New Approach to Generation of Cluster Functionality and Chirality. <i>Journal of the American Chemical Society</i> , 2018 , 140, 594-597	16.4	149
238	Aqueous- and vapor-phase detection of nitroaromatic explosives by a water-stable fluorescent microporous MOF directed by an ionic liquid. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 12690-12697	13	138
237	Encapsulating [MoS] clusters in cationic covalent organic frameworks: enhancing stability and recyclability by converting a homogeneous photocatalyst to a heterogeneous photocatalyst. <i>Chemical Communications</i> , 2018 , 54, 13563-13566	5.8	133
236	MOF-Derived Flower-like MoS@TiO Nanohybrids with Enhanced Activity for Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26794-26800	9.5	126
235	A viologen-functionalized chiral Eu-MOF as a platform for multifunctional switchable material. <i>Chemical Communications</i> , 2016 , 52, 525-8	5.8	122
234	A Crystalline Copper(II) Coordination Polymer for the Efficient Visible-Light-Driven Generation of Hydrogen. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2073-7	16.4	120
233	Thermochromic luminescent nest-like silver thiolate cluster. <i>Chemistry - A European Journal</i> , 2014 , 20, 12416-20	4.8	119
232	Dual-emission MOF dye sensor for ratiometric fluorescence recognition of RDX and detection of a broad class of nitro-compounds. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9183-9191	13	116
231	Ferroelectric switchable behavior through fast reversible de/adsorption of water spirals in a chiral 3D metal-organic framework. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10214-7	16.4	116
230	A tetranuclear Cu ₄ (β-OH) ₂ -based metal-organic framework (MOF) with sulfonate-carboxylate ligands for proton conduction. <i>Chemical Communications</i> , 2013 , 49, 10590-2	5.8	115
229	Tandem Silver Cluster Isomerism and Mixed Linkers to Modulate the Photoluminescence of Cluster-Assembled Materials. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8560-8566	16.4	115
228	Anionic porous metal-organic framework with novel 5-connected vbk topology for rapid adsorption of dyes and tunable white light emission. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1085-1093 ^{7.1}	7.1	112
227	Unraveling the Impact of Gold(I)-Thiolate Motifs on the Aggregation-Induced Emission of Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9934-9939	16.4	111
226	A Flexible Fluorescent SCC-MOF for Switchable Molecule Identification and Temperature Display. <i>Chemistry of Materials</i> , 2018 , 30, 2160-2167	9.6	103
225	Hierarchical Hollow Heterostructures for Photocatalytic CO ₂ Reduction and Water Splitting. <i>Small Methods</i> , 2020 , 4, 1900586	12.8	103
224	Rational Design of Three Two-Fold Interpenetrated Metal-Organic Frameworks: Luminescent Zn/Cd-Metal-Organic Frameworks for Detection of 2,4,6-Trinitrophenol and Nitrofurazone in the Aqueous Phase. <i>Crystal Growth and Design</i> , 2018 , 18, 7173-7182	3.5	103
223	Tuning the functional substituent group and guest of metal-organic frameworks in hybrid membranes for improved interface compatibility and proton conduction. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 3464-3474	13	102
222	Stable dye-encapsulated indium-organic framework as dual-emitting sensor for the detection of Hg ²⁺ /Cr ^{2O7} ²⁻ and a wide range of nitro-compounds. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6440-6448 ^{7.1}	7.1	97

221	Facile synthesis of a micro-scale MOF host-guest with long-lasting phosphorescence and enhanced optoelectronic performance. <i>Chemical Communications</i> , 2019 , 55, 11099-11102	5.8	95
220	Porphyrinic Silver Cluster Assembled Material for Simultaneous Capture and Photocatalysis of Mustard-Gas Simulant. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14505-14509	16.4	93
219	Acid-Base-Triggered Structural Transformation of a Polyoxometalate Core Inside a Dodecahedrane-like Silver Thiolate Shell. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3699-703	16.4	91
218	Nano-sized metal-organic frameworks: Synthesis and applications. <i>Coordination Chemistry Reviews</i> , 2020 , 417, 213366	23.2	89
217	AIE Triggers the Circularly Polarized Luminescence of Atomically Precise Enantiomeric Copper(I) Alkynyl Clusters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10052-10058	16.4	88
216	Four Cobaltic Coordination Polymers Based on 5-Iodo-Isophthalic Acid: Halogen-Related Interaction and Solvent Effect. <i>Crystal Growth and Design</i> , 2012 , 12, 1239-1246	3.5	86
215	Guest-Triggered Aggregation-Induced Emission in Silver Chalcogenolate Cluster Metal-Organic Frameworks. <i>Advanced Science</i> , 2019 , 6, 1801304	13.6	85
214	Ultrastable atomically precise chiral silver clusters with more than 95% quantum efficiency. <i>Science Advances</i> , 2020 , 6, eaay0107	14.3	82
213	Atomically Precise Gold-Levonorgestrel Nanocluster as a Radiosensitizer for Enhanced Cancer Therapy. <i>ACS Nano</i> , 2019 , 13, 8320-8328	16.7	78
212	Copper Nanoclusters: Cu ₁₄ Cluster with Partial Cu(0) Character: Difference in Electronic Structure from Isostructural Silver Analog (Adv. Sci. 18/2019). <i>Advanced Science</i> , 2019 , 6, 1970108	13.6	78
211	Alkaline earth metal (Mg, Sr, Ba)-organic frameworks based on 2,2',6,6'-tetracarboxybiphenyl for proton conduction. <i>Inorganic Chemistry</i> , 2014 , 53, 12050-7	5.1	78
210	Robust multifunctional Zr-based metal-organic polyhedra for high proton conductivity and selective CO ₂ capture. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 7724-7730	13	76
209	Optimal Geometrical Configuration of Cobalt Cations in Spinel Oxides to Promote Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4736-4742	16.4	74
208	A highly sensitive C ₃ -symmetric Schiff-base fluorescent probe for Cd ²⁺ . <i>Inorganic Chemistry</i> , 2014 , 53, 12665-7	5.1	72
207	Ligand engineering to achieve enhanced ratiometric oxygen sensing in a silver cluster-based metal-organic framework. <i>Nature Communications</i> , 2020 , 11, 3678	17.4	72
206	Directed Self-Assembly of Ultrasmall Metal Nanoclusters 2019 , 1, 237-248		71
205	Halogen Bonding in the Assembly of Coordination Polymers Based on 5-Iodo-Isophthalic Acid. <i>Crystal Growth and Design</i> , 2011 , 11, 3395-3405	3.5	70
204	Metal-containing crystalline luminescent thermochromic materials. <i>Coordination Chemistry Reviews</i> , 2018 , 377, 307-329	23.2	68

203	Crystal Structures and Properties of Cd(II) Coordination Polymers Supported by a New Chiral Aromatic Polycarboxylate Ligand. <i>Crystal Growth and Design</i> , 2014 , 14, 1827-1838	3.5	66
202	Circularly Polarized Luminescence from Achiral Single Crystals of Hybrid Manganese Halides. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15755-15760	16.4	65
201	Enantiomeric MOF Crystals Using Helical Channels as Palettes with Bright White Circularly Polarized Luminescence. <i>Advanced Materials</i> , 2020 , 32, e2002914	24	65
200	Metal-organic framework-derived Co9S8 embedded in N, O and S-tridoped carbon nanomaterials as an efficient oxygen bifunctional electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 7389-7395	13	65
199	Stereospecific interactions between chiral inorganic nanomaterials and biological systems. <i>Chemical Society Reviews</i> , 2020 , 49, 2481-2503	58.5	62
198	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5336-5340	16.4	62
197	2-Phenyl-4,5-imidazole dicarboxylate-based metal-organic frameworks assembled under hydro(solvo)thermal conditions. <i>CrystEngComm</i> , 2011 , 13, 4895	3.3	61
196	A thermochromic silver nanocluster exhibiting dual emission character. <i>Nanoscale</i> , 2015 , 7, 1650-4	7.7	58
195	Metal-organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2020 , 132, 4662-4678	3.6	58
194	Cations Controlling the Chiral Assembly of Luminescent Atomically Precise Copper(I) Clusters. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12143-12148	16.4	57
193	Synergy between Isomorphous Acid and Basic Metal-Organic Frameworks for Anhydrous Proton Conduction of Low-Cost Hybrid Membranes at High Temperatures. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 38209-38216	9.5	57
192	Colorimetric recognition of Cu ²⁺ and fluorescent detection of Hg ²⁺ in aqueous media by a dual chemosensor derived from rhodamine B dye with a NS2 receptor. <i>Sensors and Actuators B: Chemical</i> , 2016 , 226, 332-341	8.5	56
191	Self-assembly of an unprecedented polyoxomolybdate anion [Mo ₂₀ O ₆₆] ¹²⁻ in a giant peanut-like 62-core silver-thiolate nanocluster. <i>Nanoscale</i> , 2015 , 7, 7151-4	7.7	55
190	One-step MOF-derived Co/CoS nanoparticles embedded in nitrogen, sulfur and oxygen ternary-doped porous carbon: an efficient electrocatalyst for overall water splitting. <i>Chemical Communications</i> , 2019 , 55, 3203-3206	5.8	55
189	Shell engineering to achieve modification and assembly of atomically-precise silver clusters. <i>Chemical Society Reviews</i> , 2021 , 50, 2297-2319	58.5	55
188	Seven Copper Coordination Polymers Based on 5-Iodo-Isophthalic Acid: Halogen-Related Bonding and N-Donor Auxiliary Ligands Modulating Effect. <i>Crystal Growth and Design</i> , 2013 , 13, 3353-3364	3.5	54
187	Syntheses, Structures, and Properties of Silver-organic Frameworks Constructed with 1,1'-Biphenyl-2,2',6,6'-tetracarboxylic Acid. <i>Crystal Growth and Design</i> , 2012 , 12, 1443-1451	3.5	54
186	Assembly of silver(I)-organic networks from flexible supramolecular synthons with pendant ethynide arms attached to a naphthyl skeleton. <i>Inorganic Chemistry</i> , 2008 , 47, 7094-105	5.1	54

185	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14091-14099	16.4	54
184	Single-crystalline layered double hydroxides with rich defects and hierarchical structure by mild reduction for enhancing the oxygen evolution reaction. <i>Science China Chemistry</i> , 2019 , 62, 1365-1370	7.9	53
183	Syntheses, Structures, and Photoluminescent Properties of Lanthanide Coordination Polymers Based on a Zwitterionic Aromatic Polycarboxylate Ligand. <i>Crystal Growth and Design</i> , 2015 , 15, 4331-4340	3.5	53
182	Thermoinduced structural-transformation and thermochromic luminescence in organic manganese chloride crystals. <i>Chemical Science</i> , 2019 , 10, 3836-3839	9.4	52
181	Progress in Atomically Precise Coinage Metal Clusters with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Advanced Optical Materials</i> , 2020 , 8, 1902152	8.1	52
180	A Series of Cd(II) and Zn(II) Coordination Polymers with Helical Subunits Assembled from a Versatile 3-(4-hydroxypyridinium-1-yl) Phthalic Acid and N-Donor Ancillary Coligands. <i>Crystal Growth and Design</i> , 2012 , 12, 4431-4440	3.5	52
179	Dual-Functional Proton-Conducting and pH-Sensing Polymer Membrane Benefiting from a Eu-MOF. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 28720-28726	9.5	50
178	Conversion from a heterochiral [2 + 2] coaxially nested double-helical column to a cationic spiral staircase stimulated by an ionic liquid anion. <i>Inorganic Chemistry</i> , 2014 , 53, 685-7	5.1	50
177	Smart Transformation of a Polyhedral Oligomeric Silsesquioxane Shell Controlled by Thiolate Silver(I) Nanocluster Core in Cluster@Clusters Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12775-12779	16.4	49
176	Manganese cluster-based MOF as efficient polysulfide-trapping platform for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2838-2844	13	46
175	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021 , 64, 2060	7.9	46
174	Sulfonic Groups Lined along Channels of Metal-Organic Frameworks (MOFs) for Super-Proton Conductor. <i>Inorganic Chemistry</i> , 2020 , 59, 396-402	5.1	45
173	Apically Co-nanoparticles-wrapped nitrogen-doped carbon nanotubes from a single-source MOF for efficient oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24071-24077	13	44
172	Diverse dissolution-recrystallization structural transformations and sequential Förster resonance energy transfer behavior of a luminescent porous Cd-MOF. <i>Dalton Transactions</i> , 2017 , 46, 11656-11663	4.3	43
171	Argentophilic Infinite Chain, Column, and Layer Structures Assembled with the Multinuclear Silver(I) Phenylethyne Supramolecular Synthon. <i>Crystal Growth and Design</i> , 2012 , 12, 4519-4529	3.5	40
170	Cationic Covalent-Organic Framework as Efficient Redox Motor for High-Performance Lithium-Sulfur Batteries. <i>Small</i> , 2020 , 16, e2002932	11	39
169	High loading of Mn(II)-metalated porphyrin in a MOF for photocatalytic CO reduction in gas-solid conditions. <i>Chemical Communications</i> , 2021 , 57, 8468-8471	5.8	39
168	Photocatalysis: Supporting Ultrathin ZnIn ₂ S ₄ Nanosheets on Co/N-Doped Graphitic Carbon Nanocages for Efficient Photocatalytic H ₂ Generation (Adv. Mater. 41/2019). <i>Advanced Materials</i> , 2019 , 31, 1970291	24	38

167	Layer-sliding-driven crystal size and photoluminescence change in a novel SCC-MOF. <i>Chemical Communications</i> , 2018 , 54, 5361-5364	5.8	37
166	Unveiling the Mechanism of Water-Triggered Diplex Transformation and Correlating the Changes in Structures and Separation Properties. <i>Advanced Functional Materials</i> , 2015 , 25, 6448-6457	15.6	36
165	Aggregation-induced emission in luminescent metal nanoclusters. <i>National Science Review</i> , 2021 , 8, nwaa2008	20.8	35
164	Divalent zinc and cadmium coordination polymers of a new flexible tetracarboxylate ligand: syntheses, crystal structures and properties. <i>Dalton Transactions</i> , 2010 , 39, 8022-32	4.3	34
163	Photochromic Properties of a Series of Zinc(II)Dioligon Complexes with Structural Regulation by Anions. <i>Crystal Growth and Design</i> , 2017 , 17, 6311-6319	3.5	33
162	AcidBase-Triggered Structural Transformation of a Polyoxometalate Core Inside a Dodecahedrane-like Silver Thiolate Shell. <i>Angewandte Chemie</i> , 2016 , 128, 3763-3767	3.6	33
161	-Carborane-Based and Atomically Precise Metal Clusters as Hypergolic Materials. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12010-12014	16.4	32
160	Halogen-Halogen Interactions in the Assembly of High-Dimensional Supramolecular Coordination Polymers Based on 3,5-Diiodobenzoic Acid. <i>Crystal Growth and Design</i> , 2014 , 14, 6325-6336	3.5	32
159	(4,4)-Connected Self-penetrating Pillared-Layered MetalOrganic Framework Based on a Nanosized Flexible Aromatic Carboxylic Acid Ligand. <i>Crystal Growth and Design</i> , 2012 , 12, 4299-4301	3.5	32
158	Ligand-protected atomically precise gold nanoclusters as model catalysts for oxidation reactions. <i>Chemical Communications</i> , 2020 , 56, 1163-1174	5.8	32
157	A new quinoline-based fluorescent probe for Cd(2+) and Hg(2+) with an opposite response in a 100% aqueous environment and live cell imaging. <i>Dalton Transactions</i> , 2016 , 45, 8174-81	4.3	32
156	BimetalOrganic-Framework-Derived Nanohybrids Cu _{0.9} Co _{2.1} S ₄ @MoS ₂ for High-Performance Visible-Light-Catalytic Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019 , 2, 1134-1148	6.1	31
155	Divalent Zinc, Cobalt, and Cadmium Coordination Polymers of a New Flexible Trifunctional Ligand: Syntheses, Crystal Structures, and Properties. <i>Crystal Growth and Design</i> , 2012 , 12, 1830-1837	3.5	30
154	Silver(I)Organic Networks Assembled with Propargyl-Functionalized Di- and Trihydroxybenzenes. <i>Organometallics</i> , 2011 , 30, 1710-1718	3.8	30
153	Manipulating the Local Coordination and Electronic Structures for Efficient Electrocatalytic Oxygen Evolution. <i>Advanced Materials</i> , 2021 , 33, e2103004	24	30
152	Fabrication of Copper Azide Film through Metal-Organic Framework for Micro-Initiator Applications. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8081-8088	9.5	29
151	Ultrafast Size Expansion and Turn-On Luminescence of Atomically Precise Silver Clusters by Hydrogen Sulfide. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8505-8509	16.4	28
150	Amino functionalized Zn/Cd-metal-organic frameworks for selective CO adsorption and Knoevenagel condensation reactions. <i>Dalton Transactions</i> , 2019 , 48, 4007-4014	4.3	28

- 149 First Three-Dimensional Self-Penetrating Coordination Polymer Containing Rare (10,3)-d Subnets: Synthesis, Structure, and Properties. *Crystal Growth and Design*, **2013**, 13, 1812-1814 3.5 27
- 148 Spontaneous Resolution of Chiral Multi-Thiolate-Protected Ag Nanoclusters. *ACS Central Science*, **2020**, 6, 1971-1976 16.8 27
- 147 Matrix Coordination Induced Emission in a Three-Dimensional Silver Cluster-Assembled Material. *Chemistry - A European Journal*, **2019**, 25, 2750-2756 4.8 27
- 146 Dynamic Core-Shell and Alloy Structures of Multimetallic Nanomaterials and Their Catalytic Synergies. *Accounts of Chemical Research*, **2020**, 53, 2913-2924 24.3 25
- 145 Alkynyl-Stabilized Superatomic Silver Clusters Showing Circularly Polarized Luminescence. *Journal of the American Chemical Society*, **2021**, 143, 6048-6053 16.4 25
- 144 Linker Flexibility-Dependent Cluster Transformations and Cluster-Controlled Luminescence in Isostructural Silver Cluster-Assembled Materials (SCAMs). *Chemistry - A European Journal*, **2019**, 25, 3376-3381 4.8 25
- 143 New stable isomorphous Ag and AgAu nanoclusters with an open shell electronic structure. *Nanoscale*, **2018**, 10, 21013-21018 7.7 25
- 142 Tandem Silver Cluster Isomerism and Mixed Linkers to Modulate the Photoluminescence of Cluster-Assembled Materials. *Angewandte Chemie*, **2018**, 130, 8696-8702 3.6 24
- 141 N-donor ligand mediated assembly of divalent zinc and cadmium coordination polymers based on 2,3,2',3'-thiaphthalic acid: structures and properties. *CrystEngComm*, **2012**, 14, 4444 3.3 24
- 140 Effect of lanthanide contraction on crystal structures of Ln(III) coordination polymers with dinuclear SBUs based on 3-(4-hydroxypyridinium-1-yl) phthalic acid and oxalic acid. *CrystEngComm*, **2013**, 15, 5910 3.3 24
- 139 A Crystalline Copper(II) Coordination Polymer for the Efficient Visible-Light-Driven Generation of Hydrogen. *Angewandte Chemie*, **2016**, 128, 2113-2117 3.6 24
- 138 Photochromic and photomodulated luminescence properties of two metal-organic complexes constructed by a tetracarboxylate-anchored bipyridinium-based ligand. *CrystEngComm*, **2018**, 20, 6412-6419 4.7 24
- 137 A viologen-based multifunctional Eu-MOF: photo/electro-modulated chromism and luminescence. *Chemical Communications*, **2020**, 56, 13093-13096 5.8 23
- 136 Control of single-ligand chemistry on thiolated Au nanoclusters. *Nature Communications*, **2020**, 11, 5498 17.4 23
- 135 Intercluster aurophilicity-driven aggregation lighting circularly polarized luminescence of chiral gold clusters. *Nano Research*, **2020**, 13, 3248-3252 10 23
- 134 Extra Silver Atom Triggers Room-Temperature Photoluminescence in Atomically Precise Radarlike Silver Clusters. *Angewandte Chemie - International Edition*, **2020**, 59, 11898-11902 16.4 23
- 133 Cu Cluster with Partial Cu(0) Character: Difference in Electronic Structure from Isostructural Silver Analog. *Advanced Science*, **2019**, 6, 1900833 13.6 22
- 132 A series of Ag(I)-Cd(II) hetero- and Ag(I) homo-nuclear coordination polymers based on 5-iodo-isophthalic acid and N-donor ancillary ligands. *CrystEngComm*, **2014**, 16, 223-230 3.3 22

131	Circularly polarized luminescence of agglomerate emitters. <i>Aggregate</i> , e48	22.9	22
130	Coupling of Ru and O-Vacancy on 2D Mo-Based Electrocatalyst Via a Solid-Phase Interface Reaction Strategy for Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2021 , 11, 2100141	21.8	22
129	AIE Triggers the Circularly Polarized Luminescence of Atomically Precise Enantiomeric Copper(I) Alkynyl Clusters. <i>Angewandte Chemie</i> , 2020 , 132, 10138-10144	3.6	21
128	Distinct photophysical properties in atom-precise silver and copper nanocluster analogues. <i>Nanoscale</i> , 2019 , 11, 5151-5157	7.7	21
127	Remoulding a MOF's pores by auxiliary ligand introduction for stability improvement and highly selective CO-capture. <i>Chemical Communications</i> , 2018 , 54, 12029-12032	5.8	21
126	Construction of a series of metal-organic frameworks based on novel flexible ligand 4-carboxy-1-(3,5-dicarboxy-benzyl)-pyridinium chloride and selective d-block metal ions: crystal structures and photoluminescence. <i>CrystEngComm</i> , 2015 , 17, 6297-6307	3.3	20
125	Self-Assembly of a Stable Silver Thiolate Nanocluster Encapsulating a Lacunary Keggin Phosphotungstate Anion. <i>Inorganic Chemistry</i> , 2018 , 57, 4828-4832	5.1	20
124	Prefabricated covalent organic framework nanosheets with double vacancies: anchoring Cu for highly efficient photocatalytic H ₂ evolution. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25094-25100	13	20
123	Metal-Organic Framework-Based Electrocatalysts for CO ₂ Reduction. <i>Small Structures</i> , 2100090	8.7	20
122	Stepwise Achievement of Circularly Polarized Luminescence on Atomically Precise Silver Clusters. <i>Advanced Science</i> , 2020 , 7, 2000738	13.6	18
121	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie</i> , 2020 , 132, 5374-5378	3.6	18
120	A new silver cluster that emits bright-blue phosphorescence. <i>Chemical Communications</i> , 2020 , 56, 2451-2454	3.4	18
119	Mesoporous Crystalline Silver-Chalcogenolate Cluster-Assembled Material with Tailored Photoluminescence Properties. <i>CCS Chemistry</i> , 2019 , 1, 553-560	7.2	18
118	Optimal Geometrical Configuration of Cobalt Cations in Spinel Oxides to Promote Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , 2020 , 132, 4766-4772	3.6	18
117	Robust lanthanide metal-organic frameworks with all-in-one multifunction: efficient gas adsorption and separation, tunable light emission and luminescence sensing. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3429-3439	7.1	18
116	Silver(I)-organic frameworks assembled with flexible supramolecular synthons with a pendant ethynide arm attached to the heteroaryl skeleton. <i>CrystEngComm</i> , 2014 , 16, 723-729	3.3	17
115	Silver-X-aryl (X = I and Br) interaction in a network assembly with a flexible polynuclear silver-ethynide supramolecular synthon. <i>CrystEngComm</i> , 2009 , 11, 1061	3.3	17
114	Synergetic Cobalt-Copper-Based Bimetal-Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26397-26402	16.4	17

113	Integrating Single Atoms with Different Microenvironments into One Porous Organic Polymer for Efficient Photocatalytic CO Reduction. <i>Advanced Materials</i> , 2021 , 33, e2101568	24	17
112	Tuning the properties of atomically precise gold nanoclusters for biolabeling and drug delivery. <i>Chemical Communications</i> , 2020 , 56, 8766-8769	5.8	16
111	High-performance primary explosives derived from copper thiolate cluster-assembled materials for micro-initiating device. <i>Chemical Engineering Journal</i> , 2020 , 389, 124455	14.7	16
110	A series of five divalent zinc and cadmium coordination polymers based on a new bifunctional ligand: syntheses, crystal structures, and properties. <i>CrystEngComm</i> , 2012 , 14, 3951	3.3	15
109	Charge-Carrier Transport in Quasi-2D Ruddlesden-Popper Perovskites Solar Cells. <i>Advanced Materials</i> , 2021 , e2106822	24	15
108	Single-Atom Ru Implanted on Co O Nanosheets as Efficient Dual-Catalyst for Li-CO Batteries. <i>Advanced Science</i> , 2021 , 8, e2102550	13.6	15
107	MOF-derived Co ₉ S ₈ /MoS ₂ embedded in tri-doped carbon hybrids for efficient electrocatalytic hydrogen evolution. <i>Journal of Energy Chemistry</i> , 2020 , 44, 90-96	12	15
106	Construction of Core-Shell MOF@COF Hybrids with Controllable Morphology Adjustment of COF Shell as a Novel Platform for Photocatalytic Cascade Reactions. <i>Advanced Science</i> , 2021 , 8, e2101884	13.6	15
105	Unraveling the Impact of Gold(I)Thiolate Motifs on the Aggregation-Induced Emission of Gold Nanoclusters. <i>Angewandte Chemie</i> , 2020 , 132, 10020-10025	3.6	14
104	Electronically and Geometrically Modified Single-Atom Fe Sites by Adjacent Fe NPs for Enhanced Oxygen Reduction. <i>Advanced Materials</i> , 2021 , e2107291	24	14
103	A hydrophobic semiconducting metal-organic framework assembled from silver chalcogenide wires. <i>Chemical Communications</i> , 2020 , 56, 2091-2094	5.8	14
102	A fivefold linker length reduction in an interpenetrated metal-organic framework via sequential solvent-assisted linker exchange. <i>Chemical Communications</i> , 2019 , 55, 12671-12674	5.8	14
101	Photoluminescence modulation of an atomically precise silver(i)-thiolate cluster via site-specific surface engineering. <i>Dalton Transactions</i> , 2018 , 47, 14884-14888	4.3	14
100	Reversible Wide-Range Tuneable Luminescence of a Dual-Stimuli- Responsive Silver Cluster-Assembled Material. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 1120-1124	4.9	13
99	A multi-responsive indium-viologen hybrid with ultrafast-response photochromism and electrochromism. <i>Chemical Communications</i> , 2021 , 57, 11394-11397	5.8	13
98	Crafting CdTe/CdS QDs surface for the selective recognition of formaldehyde gas via ratiometric contrivance. <i>Sensors and Actuators B: Chemical</i> , 2020 , 304, 127379	8.5	13
97	Fluorescent TPE Macrocycle Relayed Light-Harvesting System for Bright Customized-Color Circularly Polarized Luminescence.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	13
96	Luminescent cyclic trinuclear coinage metal complexes with aggregation-induced emission (AIE) performance. <i>Dalton Transactions</i> , 2019 , 48, 2275-2279	4.3	12

95	Creating a Polar Surface in Carbon Frameworks from Single-Source Metal-Organic Frameworks for Advanced CO ₂ Uptake and Lithium-Sulfur Batteries. <i>Chemistry of Materials</i> , 2019 , 31, 4258-4266	9.6	12
94	Dicarboxylate-Induced Structural Diversity of Luminescent Zn(II)/Cd(II) Metal-Organic Frameworks Based on the 2,5-Bis(4-pyridyl)thiazolo[5,4-d]thiazole Ligand. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2725-2734	2.3	12
93	Smart Transformation of a Polyhedral Oligomeric Silsesquioxane Shell Controlled by Thiolate Silver(I) Nanocluster Core in Cluster@Clusters Dendrimers. <i>Angewandte Chemie</i> , 2018 , 130, 12957-12961	3.6	12
92	Cations Controlling the Chiral Assembly of Luminescent Atomically Precise Copper(I) Clusters. <i>Angewandte Chemie</i> , 2019 , 131, 12271-12276	3.6	12
91	Enzyme immobilization in highly ordered macro-microporous metal-organic frameworks for rapid biodegradation of hazardous dyes. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3146-3153	6.8	12
90	Pressure-Triggered Blue Emission of Zero-Dimensional Organic Bismuth Bromide Perovskite. <i>Advanced Science</i> , 2021 , 8, 2004853	13.6	12
89	Fabrication of silver chalcogenolate cluster hybrid membranes with enhanced structural stability and luminescence efficiency. <i>Chemical Communications</i> , 2019 , 55, 14677-14680	5.8	11
88	New rhodamine-based turn-on and colorimetric probe for copper(II) ion with high selectivity and sensitivity. <i>Inorganica Chimica Acta</i> , 2014 , 419, 141-146	2.7	11
87	Carboranealkynyl-Protected Gold Nanoclusters: Size Conversion and UV/Vis-NIR Optical Properties. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5959-5964	16.4	11
86	Investigating the influence of a CrO ₄ ²⁻ /Cr ₂ O ₇ ²⁻ template in the formation of a series of silver-chalcogenide clusters. <i>New Journal of Chemistry</i> , 2019 , 43, 115-120	3.6	10
85	Synthesis of Atom-Precise Chiral Ag ₁₄ Clusters Protected by Penicillamine Ligands. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1900069	3.1	10
84	Threefold Collaborative Stabilization of Ag -Nanorods by Hydrophobic Ti -Oxo Clusters and Alkynes: Designable Assembly and Solid-State Optical-Limiting Application. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12949-12954	16.4	10
83	Edge confined covalent organic framework with efficient biocompatibility and photothermal conversion. <i>Nano Today</i> , 2021 , 37, 101101	17.9	10
82	1D silver cluster-assembled materials act as a platform for selectively erasable photoluminescent switch of acetonitrile. <i>Science China Chemistry</i> , 2019 , 62, 331-335	7.9	10
81	Symmetry Breaking of Atomically Precise Fullerene-like Metal Nanoclusters. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12439-12444	16.4	10
80	A cyclic dodecanuclear cobalt cluster based on a derivative of the rhodamine 6G dye with unusual magnetization. <i>Chemical Communications</i> , 2015 , 51, 12716-9	5.8	9
79	Assembly of silver(I)-organic frameworks from flexible supramolecular synthons with pendant ethynide arm attached to biphenyl and phenoxybenzene skeletons. <i>CrystEngComm</i> , 2013 , 15, 4087	3.3	9
78	Recent progress in functional atom-precise coinage metal clusters protected by alkynyl ligands. <i>Coordination Chemistry Reviews</i> , 2021 , 214315	23.2	9

77	Tuning the Magic Sizes and Optical Properties of Atomically Precise Bidentate N-Heterocyclic Carbene-Protected Gold Nanoclusters via Subtle Change of N-Substituents. <i>Advanced Optical Materials</i> , 2021 , 9, 2001936	8.1	9
76	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2021 , 133, 14210-14218	3.6	9
75	Opening catalytic sites in the copper-triazoles framework via defect chemistry for switching on the proton reduction. <i>Applied Catalysis B: Environmental</i> , 2021 , 288, 119941	21.8	9
74	Recent development on the alkaline earth MOFs (AEMOFs). <i>Coordination Chemistry Reviews</i> , 2021 , 440, 213955	23.2	9
73	Surface oxygen vacancies promoted Pt redispersion to single-atoms for enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 13890-13897	13	9
72	Water sandwiched by a pair of aromatic rings in a proton-conducting metal-organic framework. <i>Dalton Transactions</i> , 2016 , 45, 18142-18146	4.3	8
71	Crystalline Metal-Organic Materials with Thermally Activated Delayed Fluorescence. <i>Advanced Optical Materials</i> , 2100081	8.1	8
70	Uniformly Dispersed Ru Nanoparticles Constructed by In Situ Confined Polymerization of Ionic Liquids for the Electrocatalytic Hydrogen Evolution Reaction.. <i>Small Methods</i> , 2021 , 5, e2100505	12.8	8
69	Solid-State Red Laser with a Single Longitudinal Mode from Carbon Dots. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25514-25521	16.4	8
68	Inter-chain double-site synergistic photocatalytic hydrogen evolution in robust cuprous coordination polymers. <i>Chemical Communications</i> , 2020 , 56, 6261-6264	5.8	7
67	Silver Cluster-Porphyrin-Assembled Materials as Advanced Bioprotective Materials for Combating Superbacteria. <i>Advanced Science</i> , 2021 , e2103721	13.6	7
66	Full-Color Tunable Circularly Polarized Luminescence Induced by the Crystal Defect from the Co-assembly of Chiral Silver(I) Clusters and Dyes. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	7
65	3D-ordered macroporous N-doped carbon encapsulating Fe-N alloy derived from a single-source metal-organic framework for superior oxygen reduction reaction. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 490-500	11.3	7
64	Enantiomeric alkynyl-protected Au ₁₀ clusters with chirality-dependent radiotherapy enhancing effects. <i>Nano Today</i> , 2021 , 39, 101222	17.9	7
63	Pyrolysis-Free Synthesized Catalyst towards Acidic Oxygen Reduction by Deprotonation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20865-20871	16.4	7
62	Restriction of Intramolecular Vibration in Aggregation-Induced Emission Luminogens: Applications in Multifunctional Luminescent Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22417-22423	16.4	7
61	Controllable Strategy for Metal-Organic Framework Light-Driven [2 + 2] Cycloaddition Reactions via Solvent-Assisted Linker Exchange. <i>Inorganic Chemistry</i> , 2021 , 60, 2117-2121	5.1	7
60	Two Nanometer-Sized High-Nuclearity Homometallic Bromide Clusters (MBr) (M = Cu, Ag): Syntheses, Crystal Structures, and Efficient Adsorption Properties. <i>Inorganic Chemistry</i> , 2020 , 59, 9579-9586	5.1	6

59	Self-assembly of thiolate-protected silver coordination polymers regulated by POMs. <i>Nanoscale</i> , 2020 , 12, 10944-10948	7.7	6
58	Multiple Responsive CPL Switches in an Enantiomeric Pair of Perovskite Confined in Lanthanide MOFs.. <i>Advanced Materials</i> , 2022 , e2109496	24	6
57	Ultrafast Size Expansion and Turn-On Luminescence of Atomically Precise Silver Clusters by Hydrogen Sulfide. <i>Angewandte Chemie</i> , 2021 , 133, 8586-8590	3.6	6
56	Extra Silver Atom Triggers Room-Temperature Photoluminescence in Atomically Precise Radarlike Silver Clusters. <i>Angewandte Chemie</i> , 2020 , 132, 11996-12000	3.6	6
55	Organic-Inorganic Manganese Bromide Hybrids with Water-Triggered Luminescence for Rewritable Paper. <i>Advanced Optical Materials</i> , 2022 , 10, 2101700	8.1	6
54	Matrix Coordination Induced Emission in a Three-Dimensional Silver Cluster-Assembled Material. <i>Chemistry - A European Journal</i> , 2019 , 25, 2648-2648	4.8	5
53	Evolution of all-carboxylate-protected superatomic Ag clusters confined in Ti-organic cages. <i>Nano Research</i> , 2020 , 14, 2309	10	5
52	Metal complexes of indole-3-acetic acid: synthesis, crystal structures, and Pb ²⁺ chemosensing by cation-exchange reaction. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 3188-3201	1.6	5
51	Hybrid Nafion Membranes of Ionic Hydrogen-Bonded Organic Framework Materials for Proton Conduction and PEMFC Applications. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 56566-56574	9.5	5
50	Sulfonic and phosphonic porous solids as proton conductors. <i>Coordination Chemistry Reviews</i> , 2022 , 451, 214241	23.2	5
49	Ozone Decomposition by a Manganese-Organic Framework over the Entire Humidity Range. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5150-5157	16.4	5
48	Recoverable Mechanoresponsive Luminescent Molecular Sponge Material: A Novel Aryl Gold(I) Isocyanide Compound. <i>Crystal Growth and Design</i> , 2019 , 19, 538-542	3.5	5
47	Small symmetry-breaking triggering large chiroptical responses of Ag nanoclusters.. <i>Nature Communications</i> , 2022 , 13, 1177	17.4	5
46	Facile Synthesis of a Heteroatoms? Quaternary-Doped Porous Carbon as an Efficient and Stable Metal-Free Catalyst for Oxygen Reduction. <i>ChemistrySelect</i> , 2017 , 2, 6129-6134	1.8	4
45	A d ¹⁰ Metal Coordination Polymer Containing a Thiodipthalic Ligand: Crystal Structure and Luminescent Property. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 1427-1431	1.3	4
44	Synthesis, crystal structure and magnetic properties of a new 1-D oxamidate-bridged Cu(II)-Mn(II) polymer. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 3642-3650	1.6	4
43	Thermochromism and piezochromism of an atomically precise high-nuclearity silver sulfide nanocluster. <i>Chemical Communications</i> , 2021 , 57, 2372-2375	5.8	4
42	Gold-Hydrogen Nanoclusters: Atom-Precise Model to Unveil Catalytic Mechanism and Growth Process of Gold Nanoparticles. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 663-664	4.9	3

41	Syntheses, Structures and Properties of Two Metal Sulfide Polymers Based on a Flexible N-Donor Ligand. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011 , 21, 718-722	3.2	3
40	A multifunctional AIE gold cluster-based theranostic system: tumor-targeted imaging and Fenton reaction-assisted enhanced radiotherapy.. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 438	9.4	3
39	Hydrazone connected stable luminescent covalent-organic polymer for ultrafast detection of nitro-explosives.. <i>RSC Advances</i> , 2021 , 11, 39270-39277	3.7	3
38	Aqueous media ultra-sensitive detection of antibiotics via highly stable luminescent 3D Cadmium-based MOF. <i>New Journal of Chemistry</i> , 2021 , 45, 20887-20894	3.6	3
37	Superprotonic Conductivity of UiO-66 with Missing-Linker Defects in Aqua-Ammonia Vapor.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	3
36	A robust wave-like silver thiolate chain based metal-organic network: synthesis, structure and luminescence. <i>CrystEngComm</i> , 2019 , 21, 2264-2267	3.3	2
35	Epitaxial coordination assembly of a semi-conductive silver-chalcogenide layer-based MOF.. <i>Chemical Communications</i> , 2022 ,	5.8	2
34	Photo/Electrochromic Dual Responsive Behavior of a Cage-like Zr(IV)-Viologen Metal-Organic Polyhedron (MOP).. <i>Inorganic Chemistry</i> , 2022 , 61, 2813-2823	5.1	2
33	Uniform zinc deposition on O,N-dual functionalized carbon cloth current collector. <i>Journal of Energy Chemistry</i> , 2022 , 69, 76-83	12	2
32	Assembling Silver Cluster-Based Organic Frameworks for Higher-Performance Hypergolic Properties.. <i>Jacs Au</i> , 2021 , 1, 2202-2207		2
31	Frontispiece: Circularly polarized luminescence of agglomerate emitters. <i>Aggregate</i> , 2021 , 2, e138	22.9	2
30	Room-temperature phosphorescence of manganese-based metal halides. <i>Dalton Transactions</i> , 2021 , 50, 17275-17280	4.3	2
29	A high-nuclearity Cu/Cu nanocluster catalyst for phenol degradation. <i>Chemical Communications</i> , 2021 , 57, 5586-5589	5.8	2
28	Engineering the synergistic effect of carbon dots-stabilized atomic and subnanometric ruthenium as highly efficient electrocatalysts for robust hydrogen evolution. <i>SmartMat</i> ,	22.8	2
27	Fast and Reversible Detection of Nitrobenzene Vapour by a Fluorescent Metal-Organic Framework Templated by Ionic Liquid. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 1320-1326 ¹	3.2	1
26	A Novel Co(II) Coordination Polymer Assembled from V-shaped 2,3,2'-Bis(Thiodiphtalic Acid and N-donor Ancillary Ligand: Syntheses, Structure and Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 753-758	3.2	1
25	Synthesis, Crystal Structure and Properties of a Chiral 2D Zn(II) Coordination Polymer with Helical Chains. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013 , 68, 403-407	1	1
24	Two New Copper(II) Complexes Based on Biphenyl-2,2',6,6'-Tetracarboxylic Acid and Terpyridine: Synthesis, Crystal Structures, and Thermal Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012 , 42, 1356-1362		1

23	Atom-precise fluorescent copper cluster for tumor microenvironment targeting and transient chemodynamic cancer therapy.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 20	9.4	1
22	Electropolymerization of Metal Clusters Establishing a Versatile Platform for Enhanced Catalysis Performance.. <i>Angewandte Chemie - International Edition</i> , 2022 , e202114538	16.4	1
21	Sulfonic Acids Supported on UiO-66 as Heterogeneous Catalysts for the Esterification of Fatty Acids for Biodiesel Production. <i>Catalysts</i> , 2020 , 10, 1271	4	1
20	Carboranealkynyl-Protected Gold Nanoclusters: Size Conversion and UV/Vis/NIR Optical Properties. <i>Angewandte Chemie</i> , 2021 , 133, 6024-6029	3.6	1
19	AIE Ligand Constructed Zn(II) Complex with Reversible Photo-induced Color and Emission Changes. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 123-128	2.2	1
18	Photoluminescence and Electrochemical Sensing of Atomically Precise Cu ₁₃ Cluster. <i>Acta Chimica Sinica</i> , 2021 , 79, 1037	3.3	1
17	Ensembles from silver clusters and cucurbit[6]uril-containing linkers. <i>Dalton Transactions</i> , 2021 , 50, 15267-15273	4.3	1
16	Solid-State Red Laser with a Single Longitudinal Mode from Carbon Dots. <i>Angewandte Chemie</i> , 2021 , 133, 25718	3.6	1
15	Layer-by-layer alloying of NIR-II emissive M50 (Au/Ag/Cu) superatomic nanocluster. <i>Nano Research</i> , 2021 , 14, 1000-1007	10	1
14	Co-assembly of Ag ₂₉ Nanoclusters with Ru(bpy) ₃ ²⁺ for Two-Photon Up-Conversion and Singlet Oxygen Generation	960-966	1
13	Rational designed isostructural MOF for the charge-discharge behavior study of super capacitors. <i>Nano Research</i> , 2021 , 14, 1000-1007	10	1
12	Ionic covalent organic nanosheet anchoring discrete copper for efficient quasi-homogeneous photocatalytic proton reduction. <i>Applied Catalysis B: Environmental</i> , 2022 , 302, 120817	21.8	0
11	Synergetic Cobalt-Copper-Based Bimetallic Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. <i>Angewandte Chemie</i> , 2021 , 133, 26601	3.6	0
10	Hydrogen Evolution Reaction: Coupling of Ru and O-Vacancy on 2D Mo-Based Electrocatalyst Via a Solid-Phase Interface Reaction Strategy for Hydrogen Evolution Reaction (Adv. Energy Mater. 2021 , 11, 2170102)	21.8	0
9	Pyrolysis-Free Synthesized Catalyst towards Acidic Oxygen Reduction by Deprotonation. <i>Angewandte Chemie</i> , 2021 , 133, 21033-21039	3.6	0
8	Restriction of Intramolecular Vibration in Aggregation-Induced Emission Luminogens: Applications in Multifunctional Luminescent Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2021 , 133, 22591-22597	3.6	0
7	Electrostatic attraction induces cationic covalent-organic framework to pack inorganic acid ions for promoting proton conduction.. <i>Chemical Communications</i> , 2022 , 58, 6084-6087	5.8	0
6	Porous Coordination Polymers: Unveiling the Mechanism of Water-Triggered Diplex Transformation and Correlating the Changes in Structures and Separation Properties (Adv. Funct. Mater. 2015 , 25, 6556-6556)	15.6	0

- 5 A Two-fold Interpenetrated Diamondlike 3D Metal-Organic Cd(II) Complex Based on 5-Iodo-isophthalic Acid and 1,3-Bi(4-pyridyl)propane. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2012**, 67, 499-503 1
- 4 Assembly of 1,2,3,4-Benzenetetracarboxylic Acid and Zinc(II) Metal Centers to a Chiral 3D Metal-organic Framework: Syntheses, Structure and Properties. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2011**, 66, 533-537 1
- 3 Hydrothermal Synthesis, Crystal Structure and Properties of a 1D Metal-organic Coordination Polymer [Cd(pztmb)₂(H₂O)₂]_n. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2011**, 66, 444-448 1
- 2 An efficient and versatile biopolishing strategy to construct high performance zinc anode. *Nano Research*, 1 10
- 1 Aggregation-induced Emission in Coinage Metal Clusters **2022**, 443-469