

# Shuang-Quan Zang

## 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.

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	Multiple Responsive CPL Switches in an Enantiomeric Pair of Perovskite Confined in Lanthanide MOFs.. <i>Advanced Materials</i> , <b>2022</b> , e2109496	24	6
255	Atom-precise fluorescent copper cluster for tumor microenvironment targeting and transient chemodynamic cancer therapy.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 20	9.4	1
254	Epitaxial coordination assembly of a semi-conductive silver-chalcogenide layer-based MOF.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	2
253	Photo/Electrochromic Dual Responsive Behavior of a Cage-like Zr(IV)-Viologen Metal-Organic Polyhedron (MOP).. <i>Inorganic Chemistry</i> , <b>2022</b> , 61, 2813-2823	5.1	2
252	Uniform zinc deposition on O,N-dual functionalized carbon cloth current collector. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 69, 76-83	12	2
251	Electropolymerization of Metal Clusters Establishing a Versatile Platform for Enhanced Catalysis Performance.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , e202114538	16.4	1
250	Ionic covalent organic nanosheet anchoring discrete copper for efficient quasi-homogeneous photocatalytic proton reduction. <i>Applied Catalysis B: Environmental</i> , <b>2022</b> , 302, 120817	21.8	0
249	Sulfonic and phosphonic porous solids as proton conductors. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 451, 214241	23.2	5
248	Superprotonic Conductivity of UiO-66 with Missing-Linker Defects in Aqua-Ammonia Vapor.. <i>Inorganic Chemistry</i> , <b>2022</b> ,	5.1	3
247	Fluorescent TPE Macrocyclic Relayed Light-Harvesting System for Bright Customized-Color Circularly Polarized Luminescence.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	13
246	Small symmetry-breaking triggering large chiroptical responses of Ag nanoclusters.. <i>Nature Communications</i> , <b>2022</b> , 13, 1177	17.4	5
245	Organic-Inorganic Manganese Bromide Hybrids with Water-Triggered Luminescence for Rewritable Paper. <i>Advanced Optical Materials</i> , <b>2022</b> , 10, 2101700	8.1	6
244	Aggregation-induced Emission in Coinage Metal Clusters <b>2022</b> , 443-469		
243	Electrostatic attraction induces cationic covalent-organic framework to pack inorganic acid ions for promoting proton conduction.. <i>Chemical Communications</i> , <b>2022</b> , 58, 6084-6087	5.8	0
242	A multifunctional AIE gold cluster-based theranostic system: tumor-targeted imaging and Fenton reaction-assisted enhanced radiotherapy.. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 438	9.4	3
241	Silver Cluster-Porphyrin-Assembled Materials as Advanced Bioprotective Materials for Combating Superbacteria. <i>Advanced Science</i> , <b>2021</b> , e2103721	13.6	7
240	Hybrid Nafion Membranes of Ionic Hydrogen-Bonded Organic Framework Materials for Proton Conduction and PEMFC Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 56566-56574	9.5	5

239	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , <b>2021</b> , 64, 2060	7.9	46
238	Electronically and Geometrically Modified Single-Atom Fe Sites by Adjacent Fe NPs for Enhanced Oxygen Reduction. <i>Advanced Materials</i> , <b>2021</b> , e2107291	24	14
237	Recent progress in functional atom-precise coinage metal clusters protected by alkynyl ligands. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 214315	23.2	9
236	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> , <b>2021</b> ,	16.4	7
235	Hydrazone connected stable luminescent covalent-organic polymer for ultrafast detection of nitro-explosives.. <i>RSC Advances</i> , <b>2021</b> , 11, 39270-39277	3.7	3
234	A multi-responsive indium-viologen hybrid with ultrafast-response photochromism and electrochromism. <i>Chemical Communications</i> , <b>2021</b> , 57, 11394-11397	5.8	13
233	Aqueous media ultra-sensitive detection of antibiotics via highly stable luminescent 3D Cadmium-based MOF. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 20887-20894	3.6	3
232	Assembling Silver Cluster-Based Organic Frameworks for Higher-Performance Hypergolic Properties.. <i>Jacs Au</i> , <b>2021</b> , 1, 2202-2207		2
231	Charge-Carrier Transport in Quasi-2D Ruddlesden-Popper Perovskites Solar Cells. <i>Advanced Materials</i> , <b>2021</b> , e2106822	24	15
230	Frontispiece: Circularly polarized luminescence of agglomerate emitters. <i>Aggregate</i> , <b>2021</b> , 2, e138	22.9	2
229	Synergetic Cobalt-Copper-Based Bimetal-Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 26601	3.6	0
228	Single-Atom Ru Implanted on Co O Nanosheets as Efficient Dual-Catalyst for Li-CO Batteries. <i>Advanced Science</i> , <b>2021</b> , 8, e2102550	13.6	15
227	Synergetic Cobalt-Copper-Based Bimetal-Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 26397-26402	16.4	17
226	Room-temperature phosphorescence of manganese-based metal halides. <i>Dalton Transactions</i> , <b>2021</b> , 50, 17275-17280	4.3	2
225	Ozone Decomposition by a Manganese-Organic Framework over the Entire Humidity Range. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 5150-5157	16.4	5
224	Ultrafast Size Expansion and Turn-On Luminescence of Atomically Precise Silver Clusters by Hydrogen Sulfide. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8505-8509	16.4	28
223	Ultrafast Size Expansion and Turn-On Luminescence of Atomically Precise Silver Clusters by Hydrogen Sulfide. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8586-8590	3.6	6
222	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> , <b>2021</b> , 9, 2001936	8.1	9

221	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> , <b>2021</b> , 60, 12949-12954	16.4	10
220	Alkynyl-Stabilized Superatomic Silver Clusters Showing Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6048-6053	16.4	25
219	Edge confined covalent organic framework with efficient biocompatibility and photothermal conversion. <i>Nano Today</i> , <b>2021</b> , 37, 101101	17.9	10
218	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14210-14218	3.6	9
217	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14091-14099	16.4	54
216	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> , <b>2021</b> , 11, 2100141	21.8	22
215	Uniformly Dispersed Ru Nanoparticles Constructed by In Situ Confined Polymerization of Ionic Liquids for the Electrocatalytic Hydrogen Evolution Reaction.. <i>Small Methods</i> , <b>2021</b> , 5, e2100505	12.8	8
214	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. 26/2021). <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2170102	21.8	0
213	Opening catalytic sites in the copper-triazoles framework via defect chemistry for switching on the proton reduction. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 288, 119941	21.8	9
212	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> , <b>2021</b> , 42, 490-500	11.3	7
211	Carboranealkynyl-Protected Gold Nanoclusters: Size Conversion and UV/Vis-NIR Optical Properties. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5959-5964	16.4	11
210	Aggregation-induced emission in luminescent metal nanoclusters. <i>National Science Review</i> , <b>2021</b> , 8, nwaa2008	20.8	35
209	Carboranealkynyl-Protected Gold Nanoclusters: Size Conversion and UV/Vis-NIR Optical Properties. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 6024-6029	3.6	1
208	AIE Ligand Constructed Zn(II) Complex with Reversible Photo-induced Color and Emission Changes. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 123-128	2.2	1
207	Photoluminescence and Electrochemical Sensing of Atomically Precise Cu <sub>13</sub> Cluster. <i>Acta Chimica Sinica</i> , <b>2021</b> , 79, 1037	3.3	1
206	A high-nuclearity Cu/Cu nanocluster catalyst for phenol degradation. <i>Chemical Communications</i> , <b>2021</b> , 57, 5586-5589	5.8	2
205	High loading of Mn(ii)-metalated porphyrin in a MOF for photocatalytic CO reduction in gas-solid conditions. <i>Chemical Communications</i> , <b>2021</b> , 57, 8468-8471	5.8	39
204	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> , <b>2021</b> , 9, 3429-3439	7.1	18

203	Ensembles from silver clusters and cucurbit[6]uril-containing linkers. <i>Dalton Transactions</i> , <b>2021</b> , 50, 15267-15273	15.2	3
202	Pressure-Triggered Blue Emission of Zero-Dimensional Organic Bismuth Bromide Perovskite. <i>Advanced Science</i> , <b>2021</b> , 8, 2004853	13.6	12
201	Integrating Single Atoms with Different Microenvironments into One Porous Organic Polymer for Efficient Photocatalytic CO Reduction. <i>Advanced Materials</i> , <b>2021</b> , 33, e2101568	24	17
200	Manipulating the Local Coordination and Electronic Structures for Efficient Electrocatalytic Oxygen Evolution. <i>Advanced Materials</i> , <b>2021</b> , 33, e2103004	24	30
199	Symmetry Breaking of Atomically Precise Fullerene-like Metal Nanoclusters. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12439-12444	16.4	10
198	Pyrolysis-Free Synthesized Catalyst towards Acidic Oxygen Reduction by Deprotonation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21033-21039	3.6	0
197	Enantiomeric alkynyl-protected Au <sub>10</sub> clusters with chirality-dependent radiotherapy enhancing effects. <i>Nano Today</i> , <b>2021</b> , 39, 101222	17.9	7
196	Recent development on the alkaline earth MOFs (AEMOFs). <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 440, 213955	23.2	9
195	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> , <b>2021</b> , 8, e2101884	13.6	15
194	Pyrolysis-Free Synthesized Catalyst towards Acidic Oxygen Reduction by Deprotonation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20865-20871	16.4	7
193	Solid-State Red Laser with a Single Longitudinal Mode from Carbon Dots. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 25718	3.6	1
192	Solid-State Red Laser with a Single Longitudinal Mode from Carbon Dots. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25514-25521	16.4	8
191	Restriction of Intramolecular Vibration in Aggregation-Induced Emission Luminogens: Applications in Multifunctional Luminescent Metal-Organic Frameworks. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 22591-22597	3.6	0
190	Restriction of Intramolecular Vibration in Aggregation-Induced Emission Luminogens: Applications in Multifunctional Luminescent Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22417-22423	16.4	7
189	Controllable Strategy for Metal-Organic Framework Light-Driven [2 + 2] Cycloaddition Reactions via Solvent-Assisted Linker Exchange. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 2117-2121	5.1	7
188	Thermochromism and piezochromism of an atomically precise high-nuclearity silver sulfide nanocluster. <i>Chemical Communications</i> , <b>2021</b> , 57, 2372-2375	5.8	4
187	Surface oxygen vacancies promoted Pt redispersion to single-atoms for enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 13890-13897	13	9
186	Shell engineering to achieve modification and assembly of atomically-precise silver clusters. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 2297-2319	58.5	55

185	Evolution of all-carboxylate-protected superatomic Ag clusters confined in Ti-organic cages. <i>Nano Research</i> , <b>2020</b> , 14, 2309	10	5
184	Dual-Functional Proton-Conducting and pH-Sensing Polymer Membrane Benefiting from a Eu-MOF. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 28720-28726	9.5	50
183	Nano-sized metal-organic frameworks: Synthesis and applications. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 417, 213366	23.2	89
182	Stepwise Achievement of Circularly Polarized Luminescence on Atomically Precise Silver Clusters. <i>Advanced Science</i> , <b>2020</b> , 7, 2000738	13.6	18
181	Tuning the properties of atomically precise gold nanoclusters for biolabeling and drug delivery. <i>Chemical Communications</i> , <b>2020</b> , 56, 8766-8769	5.8	16
180	Stereospecific interactions between chiral inorganic nanomaterials and biological systems. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 2481-2503	58.5	62
179	Photocatalytic CO <sub>2</sub> reduction over metal-organic framework-based materials. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 412, 213262	23.2	182
178	Two Nanometer-Sized High-Nuclearity Homometallic Bromide Clusters (MBr) (M = Cu, Ag): Syntheses, Crystal Structures, and Efficient Adsorption Properties. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 9579-9586	5.1	6
177	-Carborane-Based and Atomically Precise Metal Clusters as Hypergolic Materials. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 12010-12014	16.4	32
176	Ultrastable atomically precise chiral silver clusters with more than 95% quantum efficiency. <i>Science Advances</i> , <b>2020</b> , 6, eaay0107	14.3	82
175	Gold-Hydrogen Nanoclusters: Atom-Precise Model to Unveil Catalytic Mechanism and Growth Process of Gold Nanoparticles. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 663-664	4.9	3
174	Progress in Atomically Precise Coinage Metal Clusters with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1902152	8.1	52
173	Unraveling the Impact of Gold(I)Thiolate Motifs on the Aggregation-Induced Emission of Gold Nanoclusters. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10020-10025	3.6	14
172	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5374-5378	3.6	18
171	High-performance primary explosives derived from copper thiolate cluster-assembled materials for micro-initiating device. <i>Chemical Engineering Journal</i> , <b>2020</b> , 389, 124455	14.7	16
170	Non-Noble-Metal-Based Electrocatalysts toward the Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1910274	15.6	362
169	A new silver cluster that emits bright-blue phosphorescence. <i>Chemical Communications</i> , <b>2020</b> , 56, 2451-2454	3.4	18
168	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5336-5340	16.4	62

167	Unraveling the Impact of Gold(I)-Thiolate Motifs on the Aggregation-Induced Emission of Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 9934-9939	16.4	111
166	Self-assembly of thiolate-protected silver coordination polymers regulated by POMs. <i>Nanoscale</i> , <b>2020</b> , 12, 10944-10948	7.7	6
165	Inter-chain double-site synergistic photocatalytic hydrogen evolution in robust cuprous coordination polymers. <i>Chemical Communications</i> , <b>2020</b> , 56, 6261-6264	5.8	7
164	Crafting CdTe/CdS QDs surface for the selective recognition of formaldehyde gas via ratiometric contrivance. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 304, 127379	8.5	13
163	AIE Triggers the Circularly Polarized Luminescence of Atomically Precise Enantiomeric Copper(I) Alkynyl Clusters. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10138-10144	3.6	21
162	Optimal Geometrical Configuration of Cobalt Cations in Spinel Oxides to Promote Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4766-4772	3.6	18
161	A hydrophobic semiconducting metal-organic framework assembled from silver chalcogenide wires. <i>Chemical Communications</i> , <b>2020</b> , 56, 2091-2094	5.8	14
160	Ligand-protected atomically precise gold nanoclusters as model catalysts for oxidation reactions. <i>Chemical Communications</i> , <b>2020</b> , 56, 1163-1174	5.8	32
159	Optimal Geometrical Configuration of Cobalt Cations in Spinel Oxides to Promote Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4736-4742	16.4	74
158	Sulfonic Groups Lined along Channels of Metal-Organic Frameworks (MOFs) for Super-Proton Conductor. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 396-402	5.1	45
157	A viologen-based multifunctional Eu-MOF: photo/electro-modulated chromism and luminescence. <i>Chemical Communications</i> , <b>2020</b> , 56, 13093-13096	5.8	23
156	Spontaneous Resolution of Chiral Multi-Thiolate-Protected Ag Nanoclusters. <i>ACS Central Science</i> , <b>2020</b> , 6, 1971-1976	16.8	27
155	Ligand engineering to achieve enhanced ratiometric oxygen sensing in a silver cluster-based metal-organic framework. <i>Nature Communications</i> , <b>2020</b> , 11, 3678	17.4	72
154	Enzyme immobilization in highly ordered macro-microporous metal-organic frameworks for rapid biodegradation of hazardous dyes. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3146-3153	6.8	12
153	Prefabricated covalent organic framework nanosheets with double vacancies: anchoring Cu for highly efficient photocatalytic H <sub>2</sub> evolution. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 25094-25100	13	20
152	Dynamic Core-Shell and Alloy Structures of Multimetallic Nanomaterials and Their Catalytic Synergies. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 2913-2924	24.3	25
151	Sulfonic Acids Supported on UiO-66 as Heterogeneous Catalysts for the Esterification of Fatty Acids for Biodiesel Production. <i>Catalysts</i> , <b>2020</b> , 10, 1271	4	1
150	Functional metal-organic frameworks as effective sensors of gases and volatile compounds. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 6364-6401	58.5	336

149	Cationic Covalent-Organic Framework as Efficient Redox Motor for High-Performance Lithium-Sulfur Batteries. <i>Small</i> , <b>2020</b> , 16, e2002932	11	39
148	Enantiomeric MOF Crystals Using Helical Channels as Palettes with Bright White Circularly Polarized Luminescence. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002914	24	65
147	Control of single-ligand chemistry on thiolated Au nanoclusters. <i>Nature Communications</i> , <b>2020</b> , 11, 5498	17.4	23
146	Intercluster aurophilicity-driven aggregation lighting circularly polarized luminescence of chiral gold clusters. <i>Nano Research</i> , <b>2020</b> , 13, 3248-3252	10	23
145	MOF-derived Co <sub>9</sub> S <sub>8</sub> /MoS <sub>2</sub> embedded in tri-doped carbon hybrids for efficient electrocatalytic hydrogen evolution. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 44, 90-96	12	15
144	Metal-Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4662-4678	3.6	58
143	Metal-Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4634-4650	16.4	232
142	Hierarchical Hollow Heterostructures for Photocatalytic CO <sub>2</sub> Reduction and Water Splitting. <i>Small Methods</i> , <b>2020</b> , 4, 1900586	12.8	103
141	AIE Triggers the Circularly Polarized Luminescence of Atomically Precise Enantiomeric Copper(I) Alkynyl Clusters. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10052-10058	16.4	88
140	Extra Silver Atom Triggers Room-Temperature Photoluminescence in Atomically Precise Radarlike Silver Clusters. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11996-12000	3.6	6
139	Extra Silver Atom Triggers Room-Temperature Photoluminescence in Atomically Precise Radarlike Silver Clusters. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11898-11902	16.4	23
138	Photocatalysis: Supporting Ultrathin ZnIn <sub>2</sub> S <sub>4</sub> Nanosheets on Co/N-Doped Graphitic Carbon Nanocages for Efficient Photocatalytic H <sub>2</sub> Generation (Adv. Mater. 41/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970291	24	38
137	Circularly Polarized Luminescence from Achiral Single Crystals of Hybrid Manganese Halides. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 15755-15760	16.4	65
136	Investigating the influence of a CrO <sub>4</sub> <sup>2-</sup> /Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> template in the formation of a series of silver-halogenide clusters. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 115-120	3.6	10
135	Bimetal-Organic-Framework-Derived Nanohybrids Cu <sub>0.9</sub> Co <sub>2.1</sub> S <sub>4</sub> @MoS <sub>2</sub> for High-Performance Visible-Light-Catalytic Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 1134-1148	6.1	31
134	Matrix Coordination Induced Emission in a Three-Dimensional Silver Cluster-Assembled Material. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 2648-2648	4.8	5
133	Fabrication of Copper Azide Film through Metal-Organic Framework for Micro-Initiator Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 8081-8088	9.5	29
132	Luminescent cyclic trinuclear coinage metal complexes with aggregation-induced emission (AIE) performance. <i>Dalton Transactions</i> , <b>2019</b> , 48, 2275-2279	4.3	12



131	Manganese cluster-based MOF as efficient polysulfide-trapping platform for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 2838-2844	13	46
130	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> , <b>2019</b> , 62, 1365-1370	7.9	53
129	Atomically Precise Gold-Levonorgestrel Nanocluster as a Radiosensitizer for Enhanced Cancer Therapy. <i>ACS Nano</i> , <b>2019</b> , 13, 8320-8328	16.7	78
128	Creating a Polar Surface in Carbon Frameworks from Single-Source Metal-Organic Frameworks for Advanced CO <sub>2</sub> Uptake and Lithium-Sulfur Batteries. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 4258-4266	9.6	12
127	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> , <b>2019</b> , 2019, 2725-2734	2.3	12
126	Synthesis of Atom-Precise Chiral Ag <sub>14</sub> Clusters Protected by Penicillamine Ligands. <i>Particle and Particle Systems Characterization</i> , <b>2019</b> , 36, 1900069	3.1	10
125	A robust wave-like silver-thiolate chain based metal-organic network: synthesis, structure and luminescence. <i>CrystEngComm</i> , <b>2019</b> , 21, 2264-2267	3.3	2
124	Thermoinduced structural-transformation and thermochromic luminescence in organic manganese chloride crystals. <i>Chemical Science</i> , <b>2019</b> , 10, 3836-3839	9.4	52
123	Porphyritic Silver Cluster Assembled Material for Simultaneous Capture and Photocatalysis of Mustard-Gas Simulant. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14505-14509	16.4	93
122	Facile synthesis of a micro-scale MOF host-guest with long-lasting phosphorescence and enhanced optoelectronic performance. <i>Chemical Communications</i> , <b>2019</b> , 55, 11099-11102	5.8	95
121	Cations Controlling the Chiral Assembly of Luminescent Atomically Precise Copper(I) Clusters. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12271-12276	3.6	12
120	Supporting Ultrathin ZnIn <sub>2</sub> S Nanosheets on Co/N-Doped Graphitic Carbon Nanocages for Efficient Photocatalytic H <sub>2</sub> Generation. <i>Advanced Materials</i> , <b>2019</b> , 31, e1903404	24	172
119	Cu Cluster with Partial Cu(0) Character: Difference in Electronic Structure from Isostructural Silver Analog. <i>Advanced Science</i> , <b>2019</b> , 6, 1900833	13.6	22
118	Cations Controlling the Chiral Assembly of Luminescent Atomically Precise Copper(I) Clusters. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12143-12148	16.4	57
117	Directed Self-Assembly of Ultrasmall Metal Nanoclusters <b>2019</b> , 1, 237-248		71
116	Reversible Wide-Range Tuneable Luminescence of a Dual-Stimuli-Responsive Silver Cluster-Assembled Material. <i>Chinese Journal of Chemistry</i> , <b>2019</b> , 37, 1120-1124	4.9	13
115	Copper Nanoclusters: Cu <sub>14</sub> Cluster with Partial Cu(0) Character: Difference in Electronic Structure from Isostructural Silver Analog (Adv. Sci. 18/2019). <i>Advanced Science</i> , <b>2019</b> , 6, 1970108	13.6	78
114	Fabrication of silver chalcogenolate cluster hybrid membranes with enhanced structural stability and luminescence efficiency. <i>Chemical Communications</i> , <b>2019</b> , 55, 14677-14680	5.8	11

113	Mesoporous Crystalline Silver-Chalcogenolate Cluster-Assembled Material with Tailored Photoluminescence Properties. <i>CCS Chemistry</i> , <b>2019</b> , 1, 553-560	7.2	18
112	Amino functionalized Zn/Cd-metal-organic frameworks for selective CO adsorption and Knoevenagel condensation reactions. <i>Dalton Transactions</i> , <b>2019</b> , 48, 4007-4014	4.3	28
111	Metal-organic framework-derived Co <sub>9</sub> S <sub>8</sub> embedded in N, O and S-tridoped carbon nanomaterials as an efficient oxygen bifunctional electrocatalyst. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 7389-7395	13	65
110	Distinct photophysical properties in atom-precise silver and copper nanocluster analogues. <i>Nanoscale</i> , <b>2019</b> , 11, 5151-5157	7.7	21
109	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> , <b>2019</b> , 55, 3203-3206	5.8	55
108	A fivefold linker length reduction in an interpenetrated metal-organic framework via sequential solvent-assisted linker exchange. <i>Chemical Communications</i> , <b>2019</b> , 55, 12671-12674	5.8	14
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106	Guest-Triggered Aggregation-Induced Emission in Silver Chalcogenolate Cluster Metal-Organic Frameworks. <i>Advanced Science</i> , <b>2019</b> , 6, 1801304	13.6	85
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99	Atomically Precise Site-Specific Tailoring and Directional Assembly of Superatomic Silver Nanoclusters. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 1069-1076	16.4	197
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95	A Flexible Fluorescent SCC-MOF for Switchable Molecule Identification and Temperature Display. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 2160-2167	9.6	103
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93	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> , <b>2018</b> , 57, 12775-12779	16.4	49
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13	Halogen Bonding in the Assembly of Coordination Polymers Based on 5-Iodo-Isophthalic Acid. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 3395-3405	3.5	70
12	Divalent zinc and cadmium coordination polymers of a new flexible tetracarboxylate ligand: syntheses, crystal structures and properties. <i>Dalton Transactions</i> , <b>2010</b> , 39, 8022-32	4.3	34
11	Silver-X-Bryl (X = I and Br) interaction in a network assembly with a flexible polynuclear silver-ethynide supramolecular synthon. <i>CrystEngComm</i> , <b>2009</b> , 11, 1061	3.3	17
10	Synthesis, crystal structure and magnetic properties of a new 1-D oxamidate-bridged Cu(II)-Mn(II) polymer. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 3642-3650	1.6	4
9	Assembly of silver(I)-organic networks from flexible supramolecular synthons with pendant ethynide arms attached to a naphthyl skeleton. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 7094-105	5.1	54
8	Crystalline Metal-Organic Materials with Thermally Activated Delayed Fluorescence. <i>Advanced Optical Materials</i> , 2100081	8.1	8
7	Circularly polarized luminescence of agglomerate emitters. <i>Aggregate</i> , e48	22.9	22
6	Metal-Organic Framework-Based Electrocatalysts for CO2 Reduction. <i>Small Structures</i> , 2100090	8.7	20

5	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
4	An efficient and versatile biopolishing strategy to construct high performance zinc anode. <i>Nano Research</i> ,1	10	
3	Layer-by-layer alloying of NIR-II emissive M50 (Au/Ag/Cu) superatomic nanocluster. <i>Nano Research</i> ,1	10	1
2	Co-assembly of Ag <sub>29</sub> Nanoclusters with Ru(bpy) <sub>3</sub> <sup>2+</sup> for Two-Photon Up-Conversion and Singlet Oxygen Generation960-966		1
1	Rational designed isostructural MOF for the charge-discharge behavior study of super capacitors. <i>Nano Research</i> ,1	10	1