Shuang-Quan Zang

List of Publications by Year
in descending order

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		9264	13379
278	20,447	74	130
papers	citations	h-index	g-index

281	281	281	14243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hypersensitive dual-function luminescence switching of a silver-chalcogenolate cluster-based metalâ€“organic framework. Nature Chemistry, 2017, 9, 689-697.	13.6	790
2	Functional metalâ€“organic frameworks as effective sensors of gases and volatile compounds. Chemical Society Reviews, 2020, 49, 6364-6401.	38.1	784
3	Nonâ€Nobleâ€Metalâ€Based Electrocatalysts toward the Oxygen Evolution Reaction. Advanced Functional Materials, 2020, 30, 1910274.	14.9	760
4	Indirect Z-Scheme BiOI/g-C₃N₄ Photocatalysts with Enhanced Photoreduction CO₂ Activity under Visible Light Irradiation. ACS Applied Materials & Interfaces, 2016, 8, 3765-3775.	8.0	546
5	MOFâ€Derived Bifunctional Cu₃P Nanoparticles Coated by a N,Pâ€Codoped Carbon Shell for Hydrogen Evolution and Oxygen Reduction. Advanced Materials, 2018, 30, 1703711.	21.0	477
6	Metalâ€“Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2020, 59, 4634-4650.	13.8	457
7	Novel Tb-MOF Embedded with Viologen Species for Multi-Photofunctionality: Photochromism, Photomodulated Fluorescence, and Luminescent pH Sensing. Chemistry of Materials, 2015, 27, 1327-1331.	6.7	404
8	Photocatalytic CO2 reduction over metal-organic framework-based materials. Coordination Chemistry Reviews, 2020, 412, 213262.	18.8	401
9	Highly selective Fe³⁺ sensing and proton conduction in a water-stable sulfonateâ€“carboxylate Tbâ€“organic-framework. Journal of Materials Chemistry A, 2015, 3, 641-647.	10.3	340
10	Selective Sensing of Fe³⁺ and Al³⁺ Ions and Detection of 2,4,6â€Trinitrophenol by a Waterâ€Stable Terbiumâ€Based Metalâ€“Organic Framework. Chemistry - A European Journal, 2015, 21, 15705-15712.	3.3	305
11	Supporting Ultrathin ZnIn₂S₄ Nanosheets on Co/Nâ€Doped Graphitic Carbon Nanocages for Efficient Photocatalytic H₂ Generation. Advanced Materials, 2019, 31, e1903404.	21.0	300
12	Unique Proton Dynamics in an Efficient MOF-Based Proton Conductor. Journal of the American Chemical Society, 2017, 139, 3505-3512.	13.7	283
13	Atomically Precise Site-Specific Tailoring and Directional Assembly of Superatomic Silver Nanoclusters. Journal of the American Chemical Society, 2018, 140, 1069-1076.	13.7	266
14	Cr(VI) removal via anion exchange on a silver-triazolate MOF. Journal of Hazardous Materials, 2017, 321, 622-628.	12.4	249
15	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. Science China Chemistry, 2021, 64, 2060-2104.	8.2	248
16	Synergistic photocatalysis of Cr(VI) reduction and 4-Chlorophenol degradation over hydroxylated Î±-Fe2O3 under visible light irradiation. Journal of Hazardous Materials, 2016, 311, 11-19.	12.4	234
17	Halogen bonding: A powerful, emerging tool for constructing high-dimensional metal-containing supramolecular networks. Coordination Chemistry Reviews, 2016, 308, 1-21.	18.8	220
18	Atom-Precise Modification of Silver(I) Thiolate Cluster by Shell Ligand Substitution: A New Approach to Generation of Cluster Functionality and Chirality. Journal of the American Chemical Society, 2018, 140, 594-597.	13.7	207

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19	Unraveling the Impact of Gold(I)â€“Thiolate Motifs on the Aggregationâ€Induced Emission of Gold Nanoclusters. Angewandte Chemie - International Edition, 2020, 59, 9934-9939.	13.8	196
20	A super water-stable europiumâ€“organic framework: guests inducing low-humidity proton conduction and sensing of metal ions. Chemical Communications, 2014, 50, 9153.	4.1	185
21	Ultrastable atomically precise chiral silver clusters with more than 95% quantum efficiency. Science Advances, 2020, 6, eaay0107.	10.3	175
22	Nano-sized metal-organic frameworks: Synthesis and applications. Coordination Chemistry Reviews, 2020, 417, 213366.	18.8	174
23	Encapsulating [Mo₃S₁₃]^{2â^'} clusters in cationic covalent organic frameworks: enhancing stability and recyclability by converting a homogeneous photocatalyst to a heterogeneous photocatalyst. Chemical Communications, 2018, 54, 13563-13566.	4.1	172
24	Dual-emission MOFâŠƒdye sensor for ratiometric fluorescence recognition of RDX and detection of a broad class of nitro-compounds. Journal of Materials Chemistry A, 2018, 6, 9183-9191.	10.3	170
25	Rational Design of Multicoloredâ€Emitting Chiral Carbonized Polymer Dots for Fullâ€Color and White Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2021, 60, 14091-14099.	13.8	168
26	AIE Triggers the Circularly Polarized Luminescence of Atomically Precise Enantiomeric Copper(I) Alkynyl Clusters. Angewandte Chemie - International Edition, 2020, 59, 10052-10058.	13.8	165
27	Shell engineering to achieve modification and assembly of atomically-precise silver clusters. Chemical Society Reviews, 2021, 50, 2297-2319.	38.1	164
28	Tandem Silver Cluster Isomerism and Mixed Linkers to Modulate the Photoluminescence of Clusterâ€Assembled Materials. Angewandte Chemie - International Edition, 2018, 57, 8560-8566.	13.8	161
29	Porphyrinic Silver Cluster Assembled Material for Simultaneous Capture and Photocatalysis of Mustard-Gas Simulant. Journal of the American Chemical Society, 2019, 141, 14505-14509.	13.7	161
30	A viologen-functionalized chiral Eu-MOF as a platform for multifunctional switchable material. Chemical Communications, 2016, 52, 525-528.	4.1	160
31	Hierarchical Hollow Heterostructures for Photocatalytic CO₂ Reduction and Water Splitting. Small Methods, 2020, 4, 1900586.	8.6	157
32	Aqueous- and vapor-phase detection of nitroaromatic explosives by a water-stable fluorescent microporous MOF directed by an ionic liquid. Journal of Materials Chemistry A, 2015, 3, 12690-12697.	10.3	156
33	MOF-Derived Flower-like MoS₂@TiO₂ Nanohybrids with Enhanced Activity for Hydrogen Evolution. ACS Applied Materials & Interfaces, 2016, 8, 26794-26800.	8.0	154
34	Manipulating the Local Coordination and Electronic Structures for Efficient Electrocatalytic Oxygen Evolution. Advanced Materials, 2021, 33, e2103004.	21.0	142
35	A Crystalline Copper(II) Coordination Polymer for the Efficient Visibleâ€Lightâ€Driven Generation of Hydrogen. Angewandte Chemie - International Edition, 2016, 55, 2073-2077.	13.8	140
36	Tuning the functional substituent group and guest of metalâ€“organic frameworks in hybrid membranes for improved interface compatibility and proton conduction. Journal of Materials Chemistry A, 2017, 5, 3464-3474.	10.3	140

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37	Facile synthesis of a micro-scale MOF hostâ€“guest with long-lasting phosphorescence and enhanced optoelectronic performance. Chemical Communications, 2019, 55, 11099-11102.	4.1	140
38	A Flexible Fluorescent SCC-MOF for Switchable Molecule Identification and Temperature Display. Chemistry of Materials, 2018, 30, 2160-2167.	6.7	138
39	Stereospecific interactions between chiral inorganic nanomaterials and biological systems. Chemical Society Reviews, 2020, 49, 2481-2503.	38.1	138
40	Thermochromic Luminescent Nestâ€Like Silver Thiolate Cluster. Chemistry - A European Journal, 2014, 20, 12416-12420.	3.3	137
41	Photoresponsive Propellerâ€like Chiral AIE Copper(I) Clusters. Angewandte Chemie - International Edition, 2020, 59, 5336-5340.	13.8	137
42	Rational Design of Three Two-Fold Interpenetrated Metalâ€“Organic Frameworks: Luminescent Zn/Cd-Metalâ€“Organic Frameworks for Detection of 2,4,6-Trinitrophenol and Nitrofurazone in the Aqueous Phase. Crystal Growth and Design, 2018, 18, 7173-7182.	3.0	135
43	Optimal Geometrical Configuration of Cobalt Cations in Spinel Oxides to Promote Oxygen Evolution Reaction. Angewandte Chemie - International Edition, 2020, 59, 4736-4742.	13.8	134
44	A tetranuclear Cu4(Î¼3-OH)2-based metalâ€“organic framework (MOF) with sulfonateâ€“carboxylate ligands for proton conduction. Chemical Communications, 2013, 49, 10590.	4.1	127
45	Stable dye-encapsulated indiumâ€“organic framework as dual-emitting sensor for the detection of Hg²⁺/Cr₂O₇^{2â^'} and a wide range of nitro-compounds. Journal of Materials Chemistry C, 2018, 6, 6440-6448.	5.5	126
46	Atomically Precise Goldâ€“Levonorgestrel Nanocluster as a Radiosensitizer for Enhanced Cancer Therapy. ACS Nano, 2019, 13, 8320-8328.	14.6	126
47	Enantiomeric MOF Crystals Using Helical Channels as Palettes with Bright White Circularly Polarized Luminescence. Advanced Materials, 2020, 32, e2002914.	21.0	125
48	Ferroelectric Switchable Behavior through Fast Reversible De/adsorption of Water Spirals in a Chiral 3D Metalâ€“Organic Framework. Journal of the American Chemical Society, 2013, 135, 10214-10217.	13.7	124
49	Directed Self-Assembly of Ultrasmall Metal Nanoclusters. , 2019, 1, 237-248.		124
50	Circularly Polarized Luminescence from Achiral Single Crystals of Hybrid Manganese Halides. Journal of the American Chemical Society, 2019, 141, 15755-15760.	13.7	124
51	Electronically and Geometrically Modified Singleâ€Atom Fe Sites by Adjacent Fe Nanoparticles for Enhanced Oxygen Reduction. Advanced Materials, 2022, 34, e2107291.	21.0	123
52	Ligand engineering to achieve enhanced ratiometric oxygen sensing in a silver cluster-based metal-organic framework. Nature Communications, 2020, 11, 3678.	12.8	122
53	Guestâ€Triggered Aggregationâ€Induced Emission in Silver Chalcogenolate Cluster Metalâ€“Organic Frameworks. Advanced Science, 2019, 6, 1801304.	11.2	120
54	Anionic porous metalâ€“organic framework with novel 5-connected vbk topology for rapid adsorption of dyes and tunable white light emission. Journal of Materials Chemistry C, 2014, 2, 1085-1093.	5.5	119

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55	Metalâ€“Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. Angewandte Chemie, 2020, 132, 4662-4678.	2.0	114
56	Progress in Atomically Precise Coinage Metal Clusters with Aggregationâ€Induced Emission and Circularly Polarized Luminescence. Advanced Optical Materials, 2020, 8, 1902152.	7.3	114
57	Metal-containing crystalline luminescent thermochromic materials. Coordination Chemistry Reviews, 2018, 377, 307-329.	18.8	108
58	High loading of Mn(<scp>ii</scp>)-metalated porphyrin in a MOF for photocatalytic CO₂ reduction in gasâ€“solid conditions. Chemical Communications, 2021, 57, 8468-8471.	4.1	107
59	Acidâ€“Baseâ€Triggered Structural Transformation of a Polyoxometalate Core Inside a Dodecahedraneâ€like Silver Thiolate Shell. Angewandte Chemie - International Edition, 2016, 55, 3699-3703.	13.8	106
60	Synergetic Cobaltâ€Copperâ€Based Bimetalâ€“Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. Angewandte Chemie - International Edition, 2021, 60, 26397-26402.	13.8	105
61	Synergy between Isomorphous Acid and Basic Metalâ€“Organic Frameworks for Anhydrous Proton Conduction of Low-Cost Hybrid Membranes at High Temperatures. ACS Applied Materials & Interfaces, 2018, 10, 38209-38216.	8.0	103
62	Robust multifunctional Zr-based metalâ€“organic polyhedra for high proton conductivity and selective CO₂ capture. Journal of Materials Chemistry A, 2018, 6, 7724-7730.	10.3	101
63	Metalâ€“organic framework-derived Co₉S₈ embedded in N, O and S-tridoped carbon nanomaterials as an efficient oxygen bifunctional electrocatalyst. Journal of Materials Chemistry A, 2019, 7, 7389-7395.	10.3	100
64	Ultrafast Size Expansion and Turnâ€On Luminescence of Atomically Precise Silver Clusters by Hydrogen Sulfide. Angewandte Chemie - International Edition, 2021, 60, 8505-8509.	13.8	96
65	Integrating Single Atoms with Different Microenvironments into One Porous Organic Polymer for Efficient Photocatalytic CO₂ Reduction. Advanced Materials, 2021, 33, e2101568.	21.0	96
66	Alkynyl-Stabilized Superatomic Silver Clusters Showing Circularly Polarized Luminescence. Journal of the American Chemical Society, 2021, 143, 6048-6053.	13.7	95
67	Alkaline Earth Metal (Mg, Sr, Ba)â€“Organic Frameworks Based on 2,2â€²,6,6â€²-Tetracarboxybiphenyl for Proton Conduction. Inorganic Chemistry, 2014, 53, 12050-12057.	4.0	93
68	Cations Controlling the Chiral Assembly of Luminescent Atomically Precise Copper(I) Clusters. Angewandte Chemie - International Edition, 2019, 58, 12143-12148.	13.8	93
69	Thermoinduced structural-transformation and thermochromic luminescence in organic manganese chloride crystals. Chemical Science, 2019, 10, 3836-3839.	7.4	92
70	Dual-Functional Proton-Conducting and pH-Sensing Polymer Membrane Benefiting from a Eu-MOF. ACS Applied Materials & Interfaces, 2020, 12, 28720-28726.	8.0	92
71	Metalâ€“Organic Frameworkâ€Based Electrocatalysts for CO₂ Reduction. Small Structures, 2022, 3, 2100090.	12.0	90
72	Four Cobaltic Coordination Polymers Based on 5-Iodo-Isophthalic Acid: Halogen-Related Interaction and Solvent Effect. Crystal Growth and Design, 2012, 12, 1239-1246.	3.0	89

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73	Circularly polarized luminescence of agglomerate emitters. Aggregate, 2021, 2, e48.	9.9	81
74	Halogen Bonding in the Assembly of Coordination Polymers Based on 5-Iodo-Isophthalic Acid. Crystal Growth and Design, 2011, 11, 3395-3405.	3.0	79
75	Dynamic Coreâ€“Shell and Alloy Structures of Multimetallic Nanomaterials and Their Catalytic Synergies. Accounts of Chemical Research, 2020, 53, 2913-2924.	15.6	79
76	Construction of Coreâ€“Shell MOF@COF Hybrids with Controllable Morphology Adjustment of COF Shell as a Novel Platform for Photocatalytic Cascade Reactions. Advanced Science, 2021, 8, e2101884.	11.2	79
77	Sulfonic Groups Lined along Channels of Metalâ€“Organic Frameworks (MOFs) for Super-Proton Conductor. Inorganic Chemistry, 2020, 59, 396-402.	4.0	77
78	One-step MOF-derived Co/Co₉S₈ nanoparticles embedded in nitrogen, sulfur and oxygen ternary-doped porous carbon: an efficient electrocatalyst for overall water splitting. Chemical Communications, 2019, 55, 3203-3206.	4.1	75
79	Fluorescent TPE Macrocycle Relayed Light-Harvesting System for Bright Customized-Color Circularly Polarized Luminescence. Journal of the American Chemical Society, 2022, 144, 5389-5399.	13.7	75
80	A Highly SensitiveC3-Symmetric Schiff-Base Fluorescent Probe for Cd2+. Inorganic Chemistry, 2014, 53, 12665-12667.	4.0	74
81	Aggregation-induced emission in luminescent metal nanoclusters. National Science Review, 2021, 8, nwaa208.	9.5	74
82	Chargeâ€Carrier Transport in Quasiâ€2D Ruddlesdenâ€“Popper Perovskite Solar Cells. Advanced Materials, 2022, 34, e2106822.	21.0	74
83	Self-assembly of an unprecedented polyoxomolybdate anion [Mo₂₀O₆₆]^{12â^'}in a giant peanut-like 62-core silver-thiolate nanocluster. Nanoscale, 2015, 7, 7151-7154.	5.6	73
84	Apically Co-nanoparticles-wrapped nitrogen-doped carbon nanotubes from a single-source MOF for efficient oxygen reduction. Journal of Materials Chemistry A, 2018, 6, 24071-24077.	10.3	73
85	Coupling of Ru and Oâ€Vacancy on 2D Moâ€Based Electrocatalyst Via a Solidâ€Phase Interface Reaction Strategy for Hydrogen Evolution Reaction. Advanced Energy Materials, 2021, 11, 2100141.	19.5	71
86	Photocatalysis: Supporting Ultrathin ZnIn₂S₄ Nanosheets on Co/Nâ€Doped Graphitic Carbon Nanocages for Efficient Photocatalytic H₂ Generation (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	21.0	70
87	Spontaneous Resolution of Chiral Multi-Thiolate-Protected Ag₃₀ Nanoclusters. ACS Central Science, 2020, 6, 1971-1976.	11.3	70
88	Colorimetric recognition of Cu2+ and fluorescent detection of Hg2+ in aqueous media by a dual chemosensor derived from rhodamine B dye with a NS2 receptor. Sensors and Actuators B: Chemical, 2016, 226, 332-341.	7.8	69
89	A thermochromic silver nanocluster exhibiting dual emission character. Nanoscale, 2015, 7, 1650-1654.	5.6	68
90	o-Carborane-Based and Atomically Precise Metal Clusters as Hypergolic Materials. Journal of the American Chemical Society, 2020, 142, 12010-12014.	13.7	68

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91	2-Phenyl-4,5-imidazole dicarboxylate-based metalâ€“organic frameworks assembled under hydro(solvo)thermal conditions. CrystEngComm, 2011, 13, 4895.	2.6	67
92	Crystal Structures and Properties of Cd(II) Coordination Polymers Supported by a New Chiral Aromatic Polycarboxylate Ligand. Crystal Growth and Design, 2014, 14, 1827-1838.	3.0	67
93	Multiple Responsive CPL Switches in an Enantiomeric Pair of Perovskite Confined in Lanthanide MOFs. Advanced Materials, 2022, 34, e2109496.	21.0	67
94	Manganese cluster-based MOF as efficient polysulfide-trapping platform for high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 2838-2844.	10.3	64
95	Cationic Covalentâ€Organic Framework as Efficient Redox Motor for Highâ€Performance Lithiumâ€“Sulfur Batteries. Small, 2020, 16, e2002932.	10.0	64
96	Control of single-ligand chemistry on thiolated Au25 nanoclusters. Nature Communications, 2020, 11, 5498.	12.8	63
97	Sulfonic and phosphonic porous solids as proton conductors. Coordination Chemistry Reviews, 2022, 451, 214241.	18.8	63
98	Recent progress in functional atom-precise coinage metal clusters protected by alkynyl ligands. Coordination Chemistry Reviews, 2022, 453, 214315.	18.8	62
99	Single-crystalline layered double hydroxides with rich defects and hierarchical structure by mild reduction for enhancing the oxygen evolution reaction. Science China Chemistry, 2019, 62, 1365-1370.	8.2	61
100	Seven Copper Coordination Polymers Based on 5-Iodo-Isophthalic Acid: Halogen-Related Bonding and N-Donor Auxiliary Ligands Modulating Effect. Crystal Growth and Design, 2013, 13, 3353-3364.	3.0	60
101	Smart Transformation of a Polyhedral Oligomeric Silsesquioxane Shell Controlled by Thiolate Silver(I) Nanocluster Core in Cluster@Clusters Dendrimers. Angewandte Chemie - International Edition, 2018, 57, 12775-12779.	13.8	59
102	A viologen-based multifunctional Eu-MOF: photo/electro-modulated chromism and luminescence. Chemical Communications, 2020, 56, 13093-13096.	4.1	59
103	Solidâ€State Red Laser with a Single Longitudinal Mode from Carbon Dots. Angewandte Chemie - International Edition, 2021, 60, 25514-25521.	13.8	59
104	Restriction of Intramolecular Vibration in Aggregationâ€Induced Emission Luminogens: Applications in Multifunctional Luminescent Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 22417-22423.	13.8	59
105	Syntheses, Structures, and Properties of Silverâ€“Organic Frameworks Constructed with 1,1â€²-Biphenyl-2,2â€²,6,6â€²-tetracarboxylic Acid. Crystal Growth and Design, 2012, 12, 1443-1451.	3.0	57
106	Assembly of Silver(I)â^'Organic Networks from Flexible Supramolecular Synthons with Pendant Ethynide Arms Attached to a Naphthyl Skeleton. Inorganic Chemistry, 2008, 47, 7094-7105.	4.0	56
107	Singleâ€Atom Ru Implanted on Co₃O₄ Nanosheets as Efficient Dualâ€Catalyst for Liâ€CO₂ Batteries. Advanced Science, 2021, 8, e2102550.	11.2	56
108	Diverse dissolutionâ€“recrystallization structural transformations and sequential FÃ¶rster resonance energy transfer behavior of a luminescent porous Cd-MOF. Dalton Transactions, 2017, 46, 11656-11663.	3.3	55

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109	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. Crystal Growth and Design, 2012, 12, 4431-4440.	3.0	54
110	Syntheses, Structures, and Photoluminescent Properties of Lanthanide Coordination Polymers Based on a Zwitterionic Aromatic Polycarboxylate Ligand. Crystal Growth and Design, 2015, 15, 4331-4340.	3.0	54
111	Conversion from a Heterochiral [2 + 2] Coaxially Nested Double-Helical Column to a Cationic Spiral Staircase Stimulated by an Ionic Liquid Anion. Inorganic Chemistry, 2014, 53, 685-687.	4.0	53
112	Fabrication of Copper Azide Film through Metalâ€“Organic Framework for Micro-Initiator Applications. ACS Applied Materials & Interfaces, 2019, 11, 8081-8088.	8.0	53
113	Ozone Decomposition by a Manganese-Organic Framework over the Entire Humidity Range. Journal of the American Chemical Society, 2021, 143, 5150-5157.	13.7	53
114	Ligand-protected atomically precise gold nanoclusters as model catalysts for oxidation reactions. Chemical Communications, 2020, 56, 1163-1174.	4.1	52
115	Extra Silver Atom Triggers Roomâ€Temperature Photoluminescence in Atomically Precise Radarlike Silver Clusters. Angewandte Chemie - International Edition, 2020, 59, 11898-11902.	13.8	52
116	Carboranealkynylâ€Protected Gold Nanoclusters: Size Conversion and UV/Visâ€“NIR Optical Properties. Angewandte Chemie - International Edition, 2021, 60, 5959-5964.	13.8	52
117	Robust lanthanide metalâ€“organic frameworks with â€œall-in-oneâ€•multifunction: efficient gas adsorption and separation, tunable light emission and luminescence sensing. Journal of Materials Chemistry C, 2021, 9, 3429-3439.	5.5	52
118	Prefabricated covalent organic framework nanosheets with double vacancies: anchoring Cu for highly efficient photocatalytic H₂ evolution. Journal of Materials Chemistry A, 2020, 8, 25094-25100.	10.3	50
119	Layer-sliding-driven crystal size and photoluminescence change in a novel SCC-MOF. Chemical Communications, 2018, 54, 5361-5364.	4.1	49
120	Cu₁₄ Cluster with Partial Cu(0) Character: Difference in Electronic Structure from Isostructural Silver Analog. Advanced Science, 2019, 6, 1900833.	11.2	49
121	Symmetry Breaking of Atomically Precise Fullerene-like Metal Nanoclusters. Journal of the American Chemical Society, 2021, 143, 12439-12444.	13.7	49
122	Amino functionalized Zn/Cd-metalâ€“organic frameworks for selective CO₂ adsorption and Knoevenagel condensation reactions. Dalton Transactions, 2019, 48, 4007-4014.	3.3	47
123	Intercluster aurophilicity-driven aggregation lighting circularly polarized luminescence of chiral gold clusters. Nano Research, 2020, 13, 3248-3252.	10.4	47
124	Photochromic Properties of a Series of Zinc(II)â€“Viologen Complexes with Structural Regulation by Anions. Crystal Growth and Design, 2017, 17, 6311-6319.	3.0	44
125	Mediating CO₂ Electroreduction Activity and Selectivity over Atomically Precise Copper Clusters. Angewandte Chemie - International Edition, 2022, 61, .	13.8	44
126	Bimetalâ€“Organic-Framework-Derived Nanohybrids Cu_{0.9}Co_{2.1}S₄@MoS₂ for High-Performance Visible-Light-Catalytic Hydrogen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 1134-1148.	5.1	42

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127	Argentophilic Infinite Chain, Column, and Layer Structures Assembled with the Multinuclear Silver(I)â€“Phenylethynide Supramolecular Synthon. Crystal Growth and Design, 2012, 12, 4519-4529.	3.0	41
128	Unveiling the Mechanism of Waterâ€Triggered Diplex Transformation and Correlating the Changes in Structures and Separation Properties. Advanced Functional Materials, 2015, 25, 6448-6457.	14.9	41
129	Hybrid Nafion Membranes of Ionic Hydrogen-Bonded Organic Framework Materials for Proton Conduction and PEMFC Applications. ACS Applied Materials & Interfaces, 2021, 13, 56566-56574.	8.0	40
130	Ligandâ€Shell Engineering of a Au₂₈ Nanocluster Boosts Electrocatalytic CO₂ Reduction. Angewandte Chemie - International Edition, 2022, 61, .	13.8	40
131	Mesoporous Crystalline Silver-Chalcogenolate Cluster-Assembled Material with Tailored Photoluminescence Properties. CCS Chemistry, 2019, 1, 553-560.	7.8	39
132	Full-Color Tunable Circularly Polarized Luminescence Induced by the Crystal Defect from the Co-assembly of Chiral Silver(I) Clusters and Dyes. Journal of the American Chemical Society, 2021, 143, 20574-20578.	13.7	39
133	Matrix Coordination Induced Emission in a Threeâ€Dimensional Silver Clusterâ€Assembled Material. Chemistry - A European Journal, 2019, 25, 2750-2756.	3.3	38
134	Threefold Collaborative Stabilization of Ag₁₄â€Nanorods by Hydrophobic Ti₁₆â€Oxo Clusters and Alkynes: Designable Assembly and Solidâ€State Opticalâ€Limiting Application. Angewandte Chemie - International Edition, 2021, 60, 12949-12954.	13.8	38
135	Engineering the synergistic effect of carbon dotsâ€stabilized atomic and subnanometric ruthenium as highly efficient electrocatalysts for robust hydrogen evolution. SmartMat, 2022, 3, 249-259.	10.7	38
136	Surface oxygen vacancies promoted Pt redispersion to single-atoms for enhanced photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2021, 9, 13890-13897.	10.3	38
137	HalogenÂ·Â·Â·Halogen Interactions in the Assembly of High-Dimensional Supramolecular Coordination Polymers Based on 3,5-Diiodobenzoic Acid. Crystal Growth and Design, 2014, 14, 6325-6336.	3.0	37
138	A new quinoline-based fluorescent probe for Cd²⁺ and Hg²⁺ with an opposite response in a 100% aqueous environment and live cell imaging. Dalton Transactions, 2016, 45, 8174-8181.	3.3	37
139	Optimal Geometrical Configuration of Cobalt Cations in Spinel Oxides to Promote Oxygen Evolution Reaction. Angewandte Chemie, 2020, 132, 4766-4772.	2.0	37
140	Rational Design of Multicoloredâ€Emitting Chiral Carbonized Polymer Dots for Fullâ€Color and White Circularly Polarized Luminescence. Angewandte Chemie, 2021, 133, 14210-14218.	2.0	37
141	Opening catalytic sites in the copper-triazoles framework via defect chemistry for switching on the proton reduction. Applied Catalysis B: Environmental, 2021, 288, 119941.	20.2	37
142	Divalent zinc and cadmium coordination polymers of a new flexible tetracarboxylate ligand: syntheses, crystal structures and properties. Dalton Transactions, 2010, 39, 8022.	3.3	36
143	Linker Flexibilityâ€Dependent Cluster Transformations and Clusterâ€Controlled Luminescence in Isostructural Silver Clusterâ€Assembled Materials (SCAMs). Chemistry - A European Journal, 2019, 25, 3376-3381.	3.3	36
144	Stepwise Achievement of Circularly Polarized Luminescence on Atomically Precise Silver Clusters. Advanced Science, 2020, 7, 2000738.	11.2	36

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