

Qi-Long Zhu

List of Publications by Year in descending order

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papers

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31902

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13217
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering hierarchical quaternary superstructure of an integrated MOF-derived electrode for boosting urea electrooxidation assisted water electrolysis. <i>Green Energy and Environment</i> , 2024, 9, 695-701.	4.7	8
2	Killing Two Birds with One Stone: Selective Oxidation of Small Organic Molecule as Anodic Reaction to Boost CO ₂ Electrolysis. <i>Small Structures</i> , 2022, 3, 2100134.	6.9	25
3	Integrated 3D Open Network of Interconnected Bismuthene Arrays for Energy-Efficient and Electrosynthesis-Assisted Electrocatalytic CO ₂ Reduction. <i>Small</i> , 2022, 18, e2105246.	5.2	36
4	Quaternary Noncentrosymmetric Rare-Earth Sulfides Ba ₄ RE ₂ Cd ₃ S ₁₀ (RE = Sm, Gd, or Tb): A Joint Experimental and Theoretical Investigation. <i>Inorganic Chemistry</i> , 2022, 61, 1797-1804.	1.9	8
5	Phase Matchability Transformation in the Infrared Nonlinear Optical Materials with Diamond-Like Frameworks. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	30
6	Ultrathin two-dimensional metallenes for heterogeneous catalysis. <i>Chem Catalysis</i> , 2022, 2, 693-723.	2.9	39
7	Rational Design of Metal-Organic Framework-Based Materials for Photocatalytic CO ₂ Reduction. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	2.8	23
8	Enhanced Second-Harmonic-Generation Efficiency and Birefringence in Melillite Oxychalcogenides Sr ₂ MGe ₂ OS ₆ (M = Mn, Zn, and Cd). <i>Chemistry of Materials</i> , 2022, 34, 3853-3861.	3.2	51
9	New insight into heterointerfacial effect for heterogenized metallomacrocyclic catalysts in executing electrocatalytic CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2022, 310, 121324.	10.8	15
10	Surveying the electrocatalytic CO ₂ -to-CO activity of heterogenized metallomacrocyclics via accurate clipping at the molecular level. <i>Nano Research</i> , 2022, 15, 10070-10077.	5.8	10
11	Reconstruction of Ultrahigh-Aspect-Ratio Crystalline Bismuth-Organic Hybrid Nanobelts for Selective Electrocatalytic CO ₂ Reduction to Formate. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	47
12	Two isomeric metal-organic frameworks bearing stilbene moieties for highly volatile iodine uptake. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3436-3443.	3.0	10
13	RbBiP ₂ S ₆ : A Promising IR Nonlinear Optical Material with a Giant Second-Harmonic Generation Response Designed by Aliovalent Substitution. , 2022, 4, 1264-1269.		38
14	Ordered macroporous superstructure of bifunctional cobalt phosphide with heteroatomic modification for paired hydrogen production and polyethylene terephthalate plastic recycling. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121667.	10.8	48
15	A comprehensive review on metal chalcogenides with three-dimensional frameworks for infrared nonlinear optical applications. <i>Coordination Chemistry Reviews</i> , 2022, 470, 214706.	9.5	46
16	Fabrication of doubly charged anion-exchange membranes for enhancing hydroxide conductivity. <i>Separation Science and Technology</i> , 2021, 56, 1589-1600.	1.3	6
17	Fluorine-tuned single-atom catalysts with dense surface Ni-N ₄ sites on ultrathin carbon nanosheets for efficient CO ₂ electroreduction. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119591.	10.8	116
18	Facile construction of self-supported Fe-doped Ni ₃ S ₂ nanoparticle arrays for the ultralow-overpotential oxygen evolution reaction. <i>Nanoscale</i> , 2021, 13, 1807-1812.	2.8	21

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19	Bifunctional single-molecular heterojunction enables completely selective CO ₂ -to-CO conversion integrated with oxidative 3D nano-polymerization. <i>Energy and Environmental Science</i> , 2021, 14, 1544-1552.	15.6	95
20	Engineering a conductive network of atomically thin bismuthene with rich defects enables CO ₂ reduction to formate with industry-compatible current densities and stability. <i>Energy and Environmental Science</i> , 2021, 14, 4998-5008.	15.6	119
21	A combined bottom-up and top-down strategy to fabricate lanthanide hydrate@2D MOF composite nanosheets for direct white light emission. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14628-14636.	2.7	18
22	Three-dimensional porous copper-decorated bismuth-based nanofoam for boosting the electrochemical reduction of CO ₂ to formate. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2461-2467.	3.0	9
23	Ba ₂ Ge ₂ Te ₅ : a ternary NLO-active telluride with unusual one-dimensional helical chains and giant second harmonic-generation tensors. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4838-4845.	3.0	25
24	Quaternary Chalcogenides CdSnSX ₂ (X = Cl or Br) with Neutral Layers: Syntheses, Structures, and Photocatalytic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 3431-3438.	1.9	10
25	Ordered Macroporous Superstructure of Nitrogen-Doped Nanoporous Carbon Implanted with Ultrafine Ru Nanoclusters for Efficient pH-Universal Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2021, 33, e2006965.	11.1	213
26	Structural Modulation from Cu ₃ PS ₄ to Cu ₅ Zn _{0.5} P ₂ S ₈ : Single-Site Aliovalent-Substitution-Driven Second-Harmonic-Generation Enhancement. <i>Inorganic Chemistry</i> , 2021, 60, 4357-4361.	1.9	11
27	Hydrangea-like Superstructured Micro/Nanoreactor of Topotactically Converted Ultrathin Bismuth Nanosheets for Highly Active CO ₂ Electroreduction to Formate. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20589-20597.	4.0	47
28	<i>In Situ</i> Bismuth Nanosheet Assembly for Highly Selective Electrocatalytic CO ₂ Reduction to Formate. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1539-1544.	1.7	15
29	Divergent Paths, Same Goal: A Pairwise Electrosynthesis Tactic for Cost-Efficient and Exclusive Formate Production by Metal-Organic Framework-Derived 2D Electrocatalysts. <i>Advanced Materials</i> , 2021, 33, e2008631.	11.1	128
30	Atomically Structural Regulations of Carbon-Based Single-Atom Catalysts for Electrochemical CO ₂ Reduction. <i>Small Methods</i> , 2021, 5, e2100102.	4.6	61
31	Electrically Conductive Metal-Organic Frameworks for Electrocatalytic Applications. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100100.	2.8	17
32	AZn ₄ Ga ₅ Se ₁₂ (A = K, Rb, or Cs): Infrared Nonlinear Optical Materials with Simultaneous Large Second Harmonic Generation Responses and High Laser-Induced Damage Thresholds. <i>Inorganic Chemistry</i> , 2021, 60, 10038-10046.	1.9	19
33	Design principles and direct applications of cobalt-based metal-organic frameworks for electrochemical energy storage. <i>Coordination Chemistry Reviews</i> , 2021, 438, 213872.	9.5	51
34	Water-Stable Two-Dimensional Metal-Organic Framework Nanostructures for Fe ³⁺ Ions Detection. <i>Crystal Growth and Design</i> , 2021, 21, 5275-5282.	1.4	16
35	The Rise of Infrared Nonlinear Optical Pnictides: Advances and Outlooks. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3299-3310.	1.7	20
36	Nano-engineering of Ru-based hierarchical porous nanoreactors for highly efficient pH-universal overall water splitting. <i>Applied Catalysis B: Environmental</i> , 2021, 294, 120230.	10.8	49

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37	M ₂ As ₂ Q ₅ (M = Ba, Pb; Q = S, Se): a source of infrared nonlinear optical materials with excellent overall performance activated by multiple discrete arsenate anions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1156-1163.	2.7	44
38	Hierarchical Cu ₂ S hollow nanowire arrays for highly efficient hydrogen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2021, 5, 2633-2639.	2.5	7
39	Recent progress in oxychalcogenides as IR nonlinear optical materials. <i>Dalton Transactions</i> , 2021, 50, 4112-4118.	1.6	49
40	Porphyrin framework-derived N-doped porous carbon-confined Ru for NH ₃ BH ₃ methanolysis: the more pyridinic-N, the better. <i>Journal of Materials Chemistry A</i> , 2021, 10, 326-336.	5.2	53
41	Electron-withdrawing anion intercalation and surface sulfurization of NiFe-layered double hydroxide nanoflowers enabling superior oxygen evolution performance. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 270-276.	3.0	20
42	Rational design of infrared nonlinear optical chalcogenides by chemical substitution. <i>Coordination Chemistry Reviews</i> , 2020, 406, 213150.	9.5	194
43	Remarkable electrocatalytic CO ₂ reduction with ultrahigh CO/H ₂ ratio over single-molecularly immobilized pyrrolidinonyl nickel phthalocyanine. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118530.	10.8	77
44	MOF-based atomically dispersed metal catalysts: Recent progress towards novel atomic configurations and electrocatalytic applications. <i>Coordination Chemistry Reviews</i> , 2020, 422, 213483.	9.5	105
45	Efficient Carbon Dioxide Electroreduction over Ultrathin Covalent Organic Framework Nanolayers with Isolated Cobalt Porphyrin Units. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37986-37992.	4.0	72
46	Salt-Inclusion Chalcogenide [Ba ₄ Cl ₂][ZnGa ₄ S ₁₀]: Rational Design of an IR Nonlinear Optical Material with Superior Comprehensive Performance Derived from AgGaS ₂ . <i>Chemistry of Materials</i> , 2020, 32, 8012-8019.	3.2	83
47	Salt-inclusion chalcogenides: an emerging class of IR nonlinear optical materials. <i>Dalton Transactions</i> , 2020, 49, 14338-14343.	1.6	43
48	Metal-Organic Layers Leading to Atomically Thin Bismuthene for Efficient Carbon Dioxide Electroreduction to Liquid Fuel. <i>Angewandte Chemie</i> , 2020, 132, 15124-15130.	1.6	57
49	Metal-Organic Layers Leading to Atomically Thin Bismuthene for Efficient Carbon Dioxide Electroreduction to Liquid Fuel. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15014-15020.	7.2	276
50	Coordination tailoring of water-labile 3D MOFs to fabricate ultrathin 2D MOF nanosheets. <i>Nanoscale</i> , 2020, 12, 12767-12772.	2.8	40
51	Twofold Interpenetrated 2D MOF Nanosheets Generated by an Instant In Situ Exfoliation Method: Morphology Control and Fluorescent Sensing. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000813.	1.9	33
52	Partial Isovalent Anion Substitution to Access Remarkable Second-Harmonic Generation Response: A Generic and Effective Strategy for Design of Infrared Nonlinear Optical Materials. <i>Chemistry of Materials</i> , 2020, 32, 5890-5896.	3.2	84
53	Metal-organic framework-derived mesoporous carbon nanoframes embedded with atomically dispersed Fe-N active sites for efficient bifunctional oxygen and carbon dioxide electroreduction. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118720.	10.8	151
54	Ligand-assisted capping growth of self-supporting ultrathin FeNi-LDH nanosheet arrays with atomically dispersed chromium atoms for efficient electrocatalytic water oxidation. <i>Nanoscale</i> , 2020, 12, 5817-5823.	2.8	31

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55	HgCuPS ₄ : An Exceptional Infrared Nonlinear Optical Material with Defect Diamond-like Structure. <i>Chemistry of Materials</i> , 2020, 32, 4331-4339.	3.2	93
56	MOF-based materials for photo- and electrocatalytic CO ₂ reduction. <i>EnergyChem</i> , 2020, 2, 100033.	10.1	177
57	Metal-Organic Frameworks for Electrocatalysis. , 2020, , 29-66.		1
58	Covalent organic polymer assisted synthesis of bimetallic electrocatalysts with multicomponent active dopants for efficient oxygen evolution reaction. <i>Electrochimica Acta</i> , 2019, 321, 134679.	2.6	12
59	Inlaying Ultrathin Bimetallic MOF Nanosheets into 3D Ordered Macroporous Hydroxide for Superior Electrocatalytic Oxygen Evolution. <i>Small</i> , 2019, 15, e1902218.	5.2	77
60	Sn ₂ Ga ₂ S ₅ : A Polar Semiconductor with Exceptional Infrared Nonlinear Optical Properties Originating from the Combined Effect of Mixed Asymmetric Building Motifs. <i>Chemistry of Materials</i> , 2019, 31, 6268-6275.	3.2	61
61	Metal-Organic Frameworks Based on a Bent Triazole Dicarboxylic Acid: Magnetic Behaviors and Selective Luminescence Sensing Properties. <i>Crystal Growth and Design</i> , 2019, 19, 1057-1063.	1.4	21
62	Electrocatalysts: Semisacrificial Template Growth of Self-Supporting MOF Nanocomposite Electrode for Efficient Electrocatalytic Water Oxidation (<i>Adv. Funct. Mater.</i> 6/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970033.	7.8	2
63	An unprecedented pentanary chalcogenide with Mn atoms in two chemical environments: unique bonding characteristics and magnetic properties. <i>Chemical Communications</i> , 2019, 55, 79-82.	2.2	25
64	Quaternary semiconductor Ba ₈ Zn ₄ Ga ₂ S ₁₅ featuring unique one-dimensional chains and exhibiting desirable yellow emission. <i>Chemical Communications</i> , 2019, 55, 7942-7945.	2.2	19
65	[(Ba ₁₉ Cl ₄)(Ga ₆ Si ₁₂ O ₄₂ S ₈)]: a Two-Dimensional Wide-Band-Gap Layered Oxysulfide with Mixed-Anion Chemical Bonding and Photocurrent Response. <i>Inorganic Chemistry</i> , 2019, 58, 6588-6592.	1.9	14
66	Impressive second harmonic generation response in a novel phase-matchable NLO-active MOF derived from achiral precursors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6217-6221.	2.7	25
67	Triazine-Cored Lanthanide-Based Metal-Organic Frameworks Featuring Unique Water Chains and Strong Characteristic Emissions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3590-3596.	1.7	4
68	Centric-to-acentric structure transformation induced by a stereochemically active lone pair: a new insight for design of IR nonlinear optical materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4638-4643.	2.7	67
69	An effective amino acid-assisted growth of ultrafine palladium nanocatalysts toward superior synergistic catalysis for hydrogen generation from formic acid. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 975-981.	3.0	15
70	Combined experimental and theoretical investigations of Ba ₃ GaS ₄ I: interesting structural transformation originated from halogen substitution. <i>Dalton Transactions</i> , 2019, 48, 17588-17593.	1.6	13
71	Semisacrificial Template Growth of Self-Supporting MOF Nanocomposite Electrode for Efficient Electrocatalytic Water Oxidation. <i>Advanced Functional Materials</i> , 2019, 29, 1807418.	7.8	224
72	A solvent-switched <i>in situ</i> confinement approach for immobilizing highly-active ultrafine palladium nanoparticles: boosting catalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5544-5549.	5.2	58

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73	Sr ₅ ZnGa ₆ S ₁₅ : a new quaternary non-centrosymmetric semiconductor with a 3D framework structure displaying excellent nonlinear optical performance. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1458-1462.	3.0	51
74	Quasi-MOF: Exposing Inorganic Nodes to Guest Metal Nanoparticles for Drastically Enhanced Catalytic Activity. <i>CheM</i> , 2018, 4, 845-856.	5.8	165
75	Fabrication of nitrogen and sulfur co-doped hollow cellular carbon nanocapsules as efficient electrode materials for energy storage. <i>Energy Storage Materials</i> , 2018, 13, 72-79.	9.5	83
76	Hydrogen Generation: Metal-Organic Framework Templated Porous Carbon-Metal Oxide/Reduced Graphene Oxide as Superior Support of Bimetallic Nanoparticles for Efficient Hydrogen Generation from Formic Acid (<i>Adv. Energy Mater.</i> 1/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1770139.	10.2	9
77	Metal-Organic Framework Templated Porous Carbon-Metal Oxide/Reduced Graphene Oxide as Superior Support of Bimetallic Nanoparticles for Efficient Hydrogen Generation from Formic Acid. <i>Advanced Energy Materials</i> , 2018, 8, 1701416.	10.2	99
78	Nanomaterials derived from metal-organic frameworks. <i>Nature Reviews Materials</i> , 2018, 3, .	23.3	962
79	Recent Progress in Asymmetric Catalysis and Chromatographic Separation by Chiral Metal-Organic Frameworks. <i>Catalysts</i> , 2018, 8, 120.	1.6	77
80	Ternary Mixed-Metal Cd ₄ GeS ₆ : Remarkable Nonlinear-Optical Properties Based on a Tetrahedral-Stacking Framework. <i>Inorganic Chemistry</i> , 2018, 57, 8730-8734.	1.9	29
81	Pore surface engineering of metal-organic frameworks for heterogeneous catalysis. <i>Coordination Chemistry Reviews</i> , 2018, 376, 248-276.	9.5	174
82	Synthesis of Highly Active Sub-Nanometer Pt@Rh Core-Shell Nanocatalyst via a Photochemical Route: Porous Titania Nanoplates as a Superior Photoactive Support. <i>Small</i> , 2017, 13, 1603879.	5.2	40
83	Metal-Organic Frameworks for Energy Applications. <i>CheM</i> , 2017, 2, 52-80.	5.8	941
84	Atomically Dispersed Fe/N-Doped Hierarchical Carbon Architectures Derived from a Metal-Organic Framework Composite for Extremely Efficient Electrocatalysis. <i>ACS Energy Letters</i> , 2017, 2, 504-511.	8.8	279
85	From Ru nanoparticle-encapsulated metal-organic frameworks to highly catalytically active Cu/Ru nanoparticle-embedded porous carbon. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4835-4841.	5.2	80
86	Surface-Amine-Implanting Approach for Catalyst Functionalization: Prominently Enhancing Catalytic Hydrogen Generation from Formic Acid. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4808-4813.	1.0	18
87	Two new phases in the ternary RE-Ga-S systems with the unique interlinkage of GaS ₄ building units: synthesis, structure, and properties. <i>Dalton Transactions</i> , 2017, 46, 13731-13738.	1.6	12
88	Introduction of Red-Green-Blue Fluorescent Dyes into a Metal-Organic Framework for Tunable White Light Emission. <i>Advanced Materials</i> , 2017, 29, 1700778.	11.1	219
89	Toward a molecular design of porous carbon materials. <i>Materials Today</i> , 2017, 20, 592-610.	8.3	202
90	Dehydrogenation of Ammonia Borane by Metal Nanoparticle Catalysts. <i>ACS Catalysis</i> , 2016, 6, 6892-6905.	5.5	406

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91	Immobilization of Ultrafine Metal Nanoparticles to High-Surface-Area Materials and Their Catalytic Applications. <i>CheM</i> , 2016, 1, 220-245.	5.8	381
92	Monodispersed CuCo Nanoparticles Supported on Diamine-Functionalized Graphene as a Non-noble Metal Catalyst for Hydrolytic Dehydrogenation of Ammonia Borane. <i>ChemNanoMat</i> , 2016, 2, 942-945.	1.5	44
93	Metal-Organic Framework-Derived Honeycomb-Like Open Porous Nanostructures as Precious-Metal-Free Catalysts for Highly Efficient Oxygen Electroreduction. <i>Advanced Materials</i> , 2016, 28, 6391-6398.	11.1	414
94	Immobilizing Highly Catalytically Active Noble Metal Nanoparticles on Reduced Graphene Oxide: A Non-Noble Metal Sacrificial Approach. <i>Journal of the American Chemical Society</i> , 2015, 137, 106-109.	6.6	213
95	Insight into luminescence enhancement of coordinated water-containing lanthanide metal-organic frameworks by guest molecules. <i>Dalton Transactions</i> , 2015, 44, 2217-2222.	1.6	14
96	Diamine-Alkalized Reduced Graphene Oxide: Immobilization of Sub-2 nm Palladium Nanoparticles and Optimization of Catalytic Activity for Dehydrogenation of Formic Acid. <i>ACS Catalysis</i> , 2015, 5, 5141-5144.	5.5	166
97	Pd nanoparticles supported on hierarchically porous carbons derived from assembled nanoparticles of a zeolitic imidazolate framework (ZIF-8) for methanol electrooxidation. <i>Chemical Communications</i> , 2015, 51, 10827-10830.	2.2	62
98	Monodispersed PtNi nanoparticles deposited on diamine-alkalized graphene for highly efficient dehydrogenation of hydrous hydrazine at room temperature. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23090-23094.	5.2	66
99	Immobilizing Extremely Catalytically Active Palladium Nanoparticles to Carbon Nanospheres: A Weakly-Capping Growth Approach. <i>Journal of the American Chemical Society</i> , 2015, 137, 11743-11748.	6.6	215
100	Surfactant-free Pd nanoparticles immobilized to a metal-organic framework with size- and location-dependent catalytic selectivity. <i>Chemical Communications</i> , 2015, 51, 2577-2580.	2.2	83
101	Liquid organic and inorganic chemical hydrides for high-capacity hydrogen storage. <i>Energy and Environmental Science</i> , 2015, 8, 478-512.	15.6	673
102	Non-noble bimetallic CuCo nanoparticles encapsulated in the pores of metal-organic frameworks: synergetic catalysis in the hydrolysis of ammonia borane for hydrogen generation. <i>Catalysis Science and Technology</i> , 2015, 5, 525-530.	2.1	179
103	Metal-organic framework composites. <i>Chemical Society Reviews</i> , 2014, 43, 5468-5512.	18.7	1,901
104	Dendrimer-Encapsulated Cobalt Nanoparticles as High-Performance Catalysts for the Hydrolysis of Ammonia Borane. <i>ChemCatChem</i> , 2014, 6, 1375-1379.	1.8	21
105	Controlled Synthesis of Ultrafine Surfactant-Free NiPt Nanocatalysts toward Efficient and Complete Hydrogen Generation from Hydrazine Borane at Room Temperature. <i>ACS Catalysis</i> , 2014, 4, 4261-4268.	5.5	83
106	Highly active AuCo alloy nanoparticles encapsulated in the pores of metal-organic frameworks for hydrolytic dehydrogenation of ammonia borane. <i>Chemical Communications</i> , 2014, 50, 5899.	2.2	115
107	Effect of Functionalized Groups on Gas Adsorption Properties: Syntheses of Functionalized Microporous Metal-Organic Frameworks and Their High Gas Storage Capacity. <i>Chemistry - A European Journal</i> , 2014, 20, 1341-1348.	1.7	46
108	Sodium hydroxide-assisted growth of uniform Pd nanoparticles on nanoporous carbon MSC-30 for efficient and complete dehydrogenation of formic acid under ambient conditions. <i>Chemical Science</i> , 2014, 5, 195-199.	3.7	219

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109	Two cationic metal-organic frameworks featuring different cage-to-cage connections: syntheses, crystal structures, photoluminescence and gas sorption properties. <i>CrystEngComm</i> , 2013, 15, 8139.	1.3	18
110	A three-dimensional coordination polymer based on linear trinuclear copper(ii) clusters featuring a ferromagnetic exchange interaction. <i>CrystEngComm</i> , 2013, 15, 2120.	1.3	5
111	Distinct anion sensing by a 2D self-assembled Cu(I)-based metal-organic polymer with versatile visual colorimetric responses and efficient selective separations via anion exchange. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2970.	5.2	30
112	Immobilizing Metal Nanoparticles to Metal-Organic Frameworks with Size and Location Control for Optimizing Catalytic Performance. <i>Journal of the American Chemical Society</i> , 2013, 135, 10210-10213.	6.6	661
113	Lanthanide coordination polymers assembled from triazine-based flexible polycarboxylate ligands and their luminescent properties. <i>CrystEngComm</i> , 2013, 15, 3560.	1.3	25
114	A cyanide-bridged trinuclear Fe(ii)-Ru(ii)-Fe(ii) complex with three stable states: synthesis, crystal structures, electronic couplings and magnetic properties. <i>Dalton Transactions</i> , 2012, 41, 12163.	1.6	20
115	Bright blue emissions with temperature-dependent quantum yields from microporous metal-organic frameworks. <i>Chemical Communications</i> , 2012, 48, 531-533.	2.2	95
116	Four new cobalt(ii) coordination complexes: thermochromic switchable behavior in the process of dehydration and rehydration. <i>CrystEngComm</i> , 2012, 14, 3189.	1.3	23
117	Self-Assembly of [M ₁₃ Ni ₈ S ₈ (edt) ₁₄] ₂ (M = Cd, Zn): A New Type of Henicosnuclear Heterometallic Clusters Based on Two Primary Building Units. <i>Crystal Growth and Design</i> , 2012, 12, 4295-4298.	1.4	1
118	A series of goblet-like heterometallic pentanuclear [LnIII ₄ CuII] clusters featuring ferromagnetic coupling and single-molecule magnet behavior. <i>Chemical Communications</i> , 2012, 48, 10736.	2.2	35
119	Self assembly of a tren-derivative hydrogenated Schiff base with transition metal ions: syntheses, crystal structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 2879.	1.3	13
120	Homochiral coordination polymers constructed from aminocarboxylate derivatives: Effect of bipyridine on the amidation reaction. <i>Journal of Solid State Chemistry</i> , 2012, 192, 255-262.	1.4	13
121	Synthesis and characterization of cobalt(iii) cyanide complexes: cobalt participation in the decomposition of radical anion of TCNQ. <i>CrystEngComm</i> , 2012, 14, 8708.	1.3	3
122	A one-dimensional coordination polymer constructed from planar pentanuclear copper(ii) clusters with a flexible tripodal ligand. <i>Dalton Transactions</i> , 2012, 41, 9604.	1.6	20
123	In situ synthesis of nickel tiara-like clusters with two different thiolate bridges. <i>Dalton Transactions</i> , 2012, 41, 8472.	1.6	21
124	Syntheses, structural aspects, luminescence and magnetism of four coordination polymers based on a new flexible polycarboxylate. <i>CrystEngComm</i> , 2011, 13, 2096.	1.3	46
125	Formation of Zn(II) and Cd(II) Coordination Polymers Assembled by Triazine-Based Polycarboxylate and <i>in-Situ</i> -Generated Pyridine-4-thiolate or Dipyridylsulfide Ligands: Observation of an Unusual Luminescence Thermochromism. <i>Inorganic Chemistry</i> , 2011, 50, 7618-7624.	1.9	94
126	Syntheses, structures and properties of three-dimensional lanthanide frameworks constructed with a trigonal anti-prismatic lanthanide cluster. <i>CrystEngComm</i> , 2011, 13, 4244.	1.3	18

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127	Redox-Responsive Photochromism and Fluorescence Modulation of Two 3D Metal-Organic Hybrids Derived from a Triamine-Based Polycarboxylate Ligand. <i>Chemistry - A European Journal</i> , 2011, 17, 3358-3362.	1.7	119
128	Syntheses, structures and photoluminescent properties of two metal-organic complexes assembled with a new polycarboxylate ligand. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1119-1123.	1.8	8
129	Two luminescent enantiomorphous 3D metal-organic frameworks with 3D homochiral double helices. <i>Chemical Communications</i> , 2010, 46, 9001.	2.2	57
130	Novel Structures and Luminescence Properties of Lanthanide Coordination Polymers with a Novel Flexible Polycarboxylate Ligand. <i>Crystal Growth and Design</i> , 2009, 9, 5128-5134.	1.4	88