

Hongwei Hou

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.

240
papers

7,533
citations

50
h-index

74
g-index

251
ext. papers

8,298
ext. citations

4.5
avg, IF

6.15
L-index

#	Paper	IF	Citations
240	Water-Stable Amino-Functionalized Coordination Polymer for Efficient Hg ²⁺ Capture. <i>Crystal Growth and Design</i> , 2022 , 22, 1412-1420	3.5	0
239	Fascinating Supramolecular Assembly through Noncovalent Interactions Involving Anions in Organic Ionic Crystals. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 22346-22353	3.8	
238	A novel water-stable luminescent metal complex exhibiting high sensitive and selective detection to Fe ³⁺ and Al ³⁺ . <i>Polyhedron</i> , 2021 , 197, 115056	2.7	0
237	Unlocking the Remarkable Influence of Intramolecular Group Rotation for Third-order Nonlinear Optical Properties. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 981-987	4.5	1
236	Influence of a Substituted Methyl on the Photoresponsive Third-Order Nonlinear-Optical Properties Based on Azobenzene Metal Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 7240-7249	5.1	2
235	Coordination-Induced N-H Bond Splitting of Ammonia and Primary Amine of Cu -MOFs. <i>Chemistry - A European Journal</i> , 2021 , 27, 9499-9502	4.8	0
234	High Proton Conductivity in Nafion/Ni-MOF Composite Membranes Promoted by Ligand Exchange under Ambient Conditions. <i>Inorganic Chemistry</i> , 2021 , 60, 10492-10501	5.1	4
233	Third-order nonlinear optical adjusting behavior in azobenzene metal complexes. <i>Science China Materials</i> , 2021 , 64, 408-419	7.1	6
232	Facilely controllable synthesis of copper-benzothiadiazole complexes solvothermal reactions: exploring the customized synthetic approach by experiments. <i>Dalton Transactions</i> , 2021 , 50, 1816-1823	4.3	2
231	Efficient and Selective Visible-Light-Driven Oxidative Coupling of Amines to Imines in Air over CdS@Zr-MOFs. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 2779-2787	9.5	13
230	Tuning the photoelectric response of pyrene-based coordination polymers by optimizing charge transfer. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1831-1839	6.8	1
229	Plasmon coupling nanorice trimer for ultrahigh enhancement of hyper-Raman scattering. <i>Scientific Reports</i> , 2021 , 11, 1230	4.9	1
228	Proton Conduction of Nafion Hybrid Membranes Promoted by NH-Modified Zn-MOF with Host-Guest Collaborative Hydrogen Bonds for H/O Fuel Cell Applications. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7485-7497	9.5	20
227	Postsynthetic-Modified PANI/MOF Composites with Tunable Thermoelectric and Photoelectric Properties. <i>Chemistry - A European Journal</i> , 2021 , 27, 5011-5018	4.8	6
226	Nuclei DNA and mitochondria dual damages induced by thiosemicarbazone tripyridyl copper complexes with potential anti-tumor activity. <i>Polyhedron</i> , 2021 , 203, 115225	2.7	1
225	Construction of porous 2D MOF nanosheets for rapid and selective adsorption of cationic dyes. <i>Dalton Transactions</i> , 2021 , 50, 3348-3355	4.3	8
224	BiOI Particles Confined into Metal-Organic Framework NU-1000 for Valid Photocatalytic Hydrogen Evolution under Visible-Light Irradiation. <i>Inorganic Chemistry</i> , 2021 , 60, 1352-1358	5.1	12

223	Efficient Identification for Alcohol Homologues and Hyperthermy Based on Coordination Polymer Multiple Structural Transformations. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24141-24148	9.5	7
222	Photochromism of metal-organic frameworks based on carbazole-dicarboxylic acid and bipyridine: sensing adjustment by controlling strut-to-strut energy transfer. <i>Dalton Transactions</i> , 2020 , 49, 7952-7958	4.3	8
221	Influence of the introduction of a triphenylphosphine group on the anticancer activity of a copper complex. <i>Journal of Inorganic Biochemistry</i> , 2020 , 210, 111102	4.2	3
220	The 50-Fold Enhanced Proton Conductivity Brought by Aqueous-Phase Single-Crystal-to-Single-Crystal Central Metal Exchange. <i>Inorganic Chemistry</i> , 2020 , 59, 8361-8368	5.1	6
219	Control of third-order nonlinear optical properties by coordination metal change based on a series of metal organic chains. <i>Polyhedron</i> , 2020 , 185, 114598	2.7	2
218	Diphenyl-1-pyrenylphosphine: photo-triggered AIE/ACQ transition with remarkable third-order nonlinear optical signal change. <i>Chemical Communications</i> , 2020 , 56, 4220-4223	5.8	11
217	Adjusting the Third-Order Nonlinear Optical Switch Performance Based on Azobenzene Derivatives. <i>Acta Chimica Sinica</i> , 2020 , 78, 256	3.3	5
216	A simple strategy for constructing acylhydrazone photochromic system with visible color/emission change and its application in photo-patterning. <i>Chinese Chemical Letters</i> , 2020 , 31, 3271-3275	8.1	0
215	Oriented assembly of copper metal-organic framework membranes as tandem catalysts to enhance C-H hydroxyalkynylation reactions with regiocontrol. <i>CrystEngComm</i> , 2020 , 22, 802-810	3.3	3
214	A Ligand-Doped Silver Triazolate MOF on the Removal of Diclofenac Sodium via Anion Exchange. <i>ChemistrySelect</i> , 2020 , 5, 11948-11954	1.8	3
213	Tuning the optical properties of N-aryl benzothiadiazole via Cu(II)-catalyzed intramolecular C-H amination: the impact of the molecular structure on aggregation and solid state luminescence. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3853-3861	5.2	4
212	Aggregation/Viscosity-Induced Emission and Third-Order Nonlinear Optical Signal Inversion in a TICT System. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 22684-22691	3.8	8
211	Chemical biology suggests pleiotropic effects for a novel hexanuclear copper(ii) complex inducing apoptosis in hepatocellular carcinoma cells. <i>Chemical Communications</i> , 2019 , 55, 11944-11947	5.8	3
210	Directed Structural Transformations of Coordination Polymers Supported Single-Site Cu(II) Catalysts To Control the Site Selectivity of C-H Halogenation. <i>Inorganic Chemistry</i> , 2019 , 58, 12933-12942	5.1	10
209	A multifunctional quinoxalin-based AIEgen used for fluorescent thermo-sensing and image-guided photodynamic therapy. <i>Sensors and Actuators B: Chemical</i> , 2019 , 301, 127139	8.5	20
208	Bio-inspired nano-engineering of an ultrahigh loading 3D hierarchical Ni@NiCoS/NiS electrode for high energy density supercapacitors. <i>Nanoscale</i> , 2019 , 11, 1728-1736	7.7	57
207	Co(II)-cluster-based metal-organic frameworks as efficient heterogeneous catalysts for selective oxidation of arylalkanes. <i>CrystEngComm</i> , 2019 , 21, 1666-1673	3.3	6
206	An o-phthalimide-based multistimuli-responsive aggregation-induced emission (AIE) system. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 50-56	7.8	45

205	Ion exchange collaborating coordination substitution: More efficient Cr(VI) removal performance of a water-stable Cu-MOF material. <i>Journal of Hazardous Materials</i> , 2019 , 378, 120719	12.8	54
204	Novel photo-controllable third-order nonlinear optical (NLO) switches based on azobenzene derivatives. <i>Dyes and Pigments</i> , 2019 , 170, 107599	4.6	14
203	Reversible Structural Transformations of Metal-Organic Frameworks as Artificial Switchable Catalysts for Dynamic Control of Selectively Cyanation Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 10366-10374	4.8	16
202	Alkenone-enol-alkenone [2+2+2] Cyclootrimerization Producing Functional Coordination Polymers with Excellent Adsorption Performance. <i>Inorganic Chemistry</i> , 2019 , 58, 3959-3967	5.1	13
201	Metal-dependent photocatalytic activity and magnetic behaviour of a series of 3D Co-Ni metal organic frameworks. <i>Dalton Transactions</i> , 2019 , 48, 6191-6197	4.3	22
200	Investigation of Regulating Third-Order Nonlinear Optical Property by Coordination Interaction. <i>Inorganic Chemistry</i> , 2019 , 58, 4792-4801	5.1	19
199	Fast and highly selective detection of acetaldehyde in liquor and spirits by forming aggregation-induced emission luminogen. <i>Sensors and Actuators B: Chemical</i> , 2019 , 285, 617-624	8.5	13
198	Two-photon absorption property and excellent optical limiting response of three Schiff base derivatives with large conjugated system. <i>Dyes and Pigments</i> , 2019 , 160, 1-8	4.6	13
197	A Highly Sensitive and Recyclable Ln-MOF Luminescent Sensor for the Efficient Detection of Fe and Cr Anions. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3721-3727	4.5	27
196	Proton coupled electron transfer: novel photochromic performance in a host-guest collaborative MOF. <i>Chemical Communications</i> , 2019 , 55, 10948-10951	5.8	24
195	One-Step Transformation from Cu ₂ S Nanocrystal to CuS Nanocrystal with Photocatalytic Properties. <i>ChemistrySelect</i> , 2019 , 4, 7512-7522	1.8	5
194	Porous functionalized MOF self-evolution promoting molecule encapsulation and Hg removal. <i>Chemical Communications</i> , 2019 , 55, 13382-13385	5.8	14
193	Surfactant-assisted assembly of nanoscale zinc coordination compounds to enhance tandem conversion reactions in water. <i>Dalton Transactions</i> , 2019 , 48, 16008-16016	4.3	5
192	In vitro and in vivo anticancer activity of a thiourea tripyridyl dinuclear Cu(II) complex. <i>New Journal of Chemistry</i> , 2019 , 43, 19286-19297	3.6	7
191	Utilizing the aggregation-induced emission phenomenon to visualize spontaneous molecular directed motion in the solid state. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 2746-2750	7.8	8
190	Cu(I)-Based Metal-Organic Frameworks as Efficient and Recyclable Heterogeneous Catalysts for Aqueous-Medium CBr ₄ Oxidation. <i>Crystal Growth and Design</i> , 2019 , 19, 976-982	3.5	13
189	Metal-Organic Framework (MOF)-Based Materials as Heterogeneous Catalysts for C-H Bond Activation. <i>Chemistry - A European Journal</i> , 2019 , 25, 2935-2948	4.8	41
188	Direct Conversion of Benzothiadiazole to Benzimidazole: New Benzimidazole-Derived Metal-Organic Frameworks with Adjustable Honeycomb-Like Cavities. <i>Chemistry - A European Journal</i> , 2019 , 25, 5246-5250	4.8	3

187	Efficient and Selective Removal of Copper(II) from Aqueous Solution by a Highly Stable Hydrogen-Bonded Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2018 , 18, 3082-3088	3.5	21
186	Benzothiazole-Based AIEgen with Tunable Excited-State Intramolecular Proton Transfer and Restricted Intramolecular Rotation Processes for Highly Sensitive Physiological pH Sensing. <i>ACS Sensors</i> , 2018 , 3, 920-928	9.2	103
185	Light-adjustable third-order nonlinear absorption properties based on a series of hydrazone compounds. <i>Dyes and Pigments</i> , 2018 , 152, 171-179	4.6	19
184	Design and Development of Graphene Oxide Nanoparticle/Chitosan Hybrids Showing pH-Sensitive Surface Charge-Reversible Ability for Efficient Intracellular Doxorubicin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6608-6617	9.5	107
183	High Efficiency and Fast Removal of Trace Pb(II) from Aqueous Solution by Carbomethoxy-Functionalized Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2018 , 18, 1474-1482	3.5	39
182	Efficient Catalytic Performance for Acylation-Nazarov Cyclization Based on an Unusual Postsynthetic Oxidization Strategy in a Fe(II)-MOF. <i>Inorganic Chemistry</i> , 2018 , 57, 10224-10231	5.1	22
181	Oriented Controllable Fabrication of Metal-Organic Frameworks Membranes as Solid Catalysts for Cascade Indole Acylation-Nazarov Cyclization for Cyclopentenone[b]indoles. <i>Crystal Growth and Design</i> , 2018 , 18, 5674-5681	3.5	13
180	Combining two different strategies to overcome the aggregation caused quenching effect in the design of ratiometric fluorescence chemodosimeters for pH sensing. <i>Sensors and Actuators B: Chemical</i> , 2018 , 274, 654-661	8.5	14
179	A Turn-on Fluorescent chemosensor for the detection of Hg(II) in buffer-free aqueous solution with excellent selectivity. <i>Journal of Luminescence</i> , 2018 , 204, 182-188	3.8	16
178	Theoretical investigation of a plasmonic substrate with multi-resonance for surface enhanced hyper-Raman scattering. <i>Scientific Reports</i> , 2018 , 8, 11891	4.9	8
177	Co-Cluster-Based Metal-Organic Frameworks as Selective Catalysts for Benzene Tandem Acylation-Nazarov Cyclization to Benzocyclopentanone. <i>Chemistry - A European Journal</i> , 2018 , 24, 1416-1424	4.8	17
176	'Turn-on' fluorescent chemosensors based on naphthaldehyde-2-pyridinehydrazone compounds for the detection of zinc ion in water at neutral pH. <i>Luminescence</i> , 2018 , 33, 29-33	2.5	18
175	Cu(I) coordination polymers (CPs) as tandem catalysts for three-component sequential click/alkynylation cycloaddition reaction with regiocontrol. <i>Dalton Transactions</i> , 2018 , 47, 16895-16901	4.3	12
174	Photo-induced free radical production in a tetraphenylethylene ligand-based metal-organic framework. <i>Chemical Communications</i> , 2018 , 54, 12942-12945	5.8	31
173	Modulation of Magnetic Behavior and Hg ²⁺ Removal by Solvent-Assisted Linker Exchange Based on a Water-Stable 3D MOF. <i>Chemistry of Materials</i> , 2018 , 30, 7979-7987	9.6	61
172	Interesting pH-Responsive Behavior in Benzothiadiazole-Derived Coordination Polymer Constructed via an in Situ Click Synthesis. <i>Crystal Growth and Design</i> , 2018 , 18, 7419-7425	3.5	11
171	Charge reversible and biodegradable nanocarriers showing dual pH-/reduction-sensitive disintegration for rapid site-specific drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 169, 313-320	6	33
170	Unconventional Preparation of Polymer/Amorphous Manganese Oxide-Based Biodegradable Nanohybrids for Low Premature Release and Acid/Glutathione-Activated Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2621-2631	5.6	14

169	Stable Fe(ii)-based coordination polymers: synthesis, structural diversity and catalytic applications in homo-coupling reactions. <i>Dalton Transactions</i> , 2018 , 47, 8063-8069	4.3	10
168	Two 3D Cd(II) Metal-Organic Frameworks Linked by Benzothiadiazole Dicarboxylates: Fantastic S@Cd Cage, Benzothiadiazole Antidimmer, and Dual Emission. <i>Inorganic Chemistry</i> , 2017 , 56, 1696-1705	5.1	21
167	Highly Selective Turn-On Fluorescent Chemodosimeter for Al Detection through Al -Promoted Hydrolysis of C=N Double Bonds in the 8-Hydroxyquinoline Aldehyde Schiff Base. <i>Chemistry - A European Journal</i> , 2017 , 23, 5081-5089	4.8	29
166	A Hollow Tube-on-Tube Architecture of Carbon-Tube-Supported Nickel Cobalt Sulfide Nanotubes for Advanced Supercapacitors. <i>ChemNanoMat</i> , 2017 , 3, 269-276	3.5	33
165	Fluorescent Chemosensor for Zinc Ion Detection with Significant Emission Color Change in Aqueous Solution Based on AlEgen. <i>ChemistrySelect</i> , 2017 , 2, 3158-3162	1.8	18
164	Five Multidimensional Co(II)-Complexes (Zero-Dimensional to Three-Dimensional) Derived from an Asymmetric 5-(Pyridin-3-yl)-1H-pyrazole-3-carboxylic Acid: Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2017 , 17, 2975-2986	3.5	39
163	From Surprising Solvothermal Reaction to Uncommon Zinc(II)-Catalyzed Aromatic C-H Activation Reaction for Direct Nitroquinoline Synthesis. <i>Inorganic Chemistry</i> , 2017 , 56, 5953-5958	5.1	15
162	Mitochondria-dependent benzothiadiazole-based molecule probe for quantitatively intracellular pH imaging. <i>Dyes and Pigments</i> , 2017 , 145, 576-583	4.6	26
161	Solvent-Induced Assembly of Sliver Coordination Polymers (CPs) as Cooperative Catalysts for Synthesizing of Cyclopentenone[b]pyrroles Frameworks. <i>Inorganic Chemistry</i> , 2017 , 56, 4874-4884	5.1	28
160	Cu(I) Coordination Polymers as the Green Heterogeneous Catalysts for Direct C-H Bonds Activation of Arylalkanes to Ketones in Water with Spatial Confinement Effect. <i>Inorganic Chemistry</i> , 2017 , 56, 13329-13336	5.1	31
159	Unique structural micro-adjustments in a new benzothiadiazole-derived Zn(ii) metal organic framework via simple photochemical decarboxylation. <i>Chemical Communications</i> , 2017 , 53, 10314-10317	5.8	16
158	Water-stable Eu-MOF fluorescent sensors for trivalent metal ions and nitrobenzene. <i>Dalton Transactions</i> , 2017 , 46, 12201-12208	4.3	106
157	2,5-bis(4-alkoxycarbonylphenyl)-1,4-diaryl-1,4-dihydropyrrolo[3,2-]pyrrole () AlEgens: tunable RIR and TICT characteristics and their multifunctional applications. <i>Chemical Science</i> , 2017 , 8, 7258-7267	9.4	118
156	A functionalized metal-organic framework decorated with O groups showing excellent performance for lead(ii) removal from aqueous solution. <i>Chemical Science</i> , 2017 , 8, 7611-7619	9.4	147
155	Fluoran salicylaldehyde hydrazone Zn(II) complexes: reversible photochromic systems both in solution and in a solid matrix. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 7553-7560	7.1	16
154	An erasable photo-patterning material based on a specially designed 4-(1,2,2-triphenylvinyl)aniline salicylaldehyde hydrazone aggregation-induced emission (AIE) molecule. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 65-72	7.1	74
153	Synthesis and properties of benzothiadiazole-pyridine system: The modulation of optical feature. <i>Dyes and Pigments</i> , 2017 , 137, 135-142	4.6	24
152	Photoswitchable nonlinear optical properties of metal complexes. <i>Dalton Transactions</i> , 2017 , 47, 13-22	4.3	41

151	Crystalline central-metal transformation in metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2016 , 307, 130-146	23.2	116
150	A photo-controllable third-order nonlinear optical (NLO) switch based on a rhodamine B salicylaldehyde hydrazone metal complex. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 8552-8558	7.1	37
149	Hierarchical ternary Ni-Co-Se nanowires for high-performance supercapacitor device design. <i>Dalton Transactions</i> , 2016 , 45, 19458-19465	4.3	82
148	Microcrystalline Zinc Coordination Polymers as Single-site Heterogeneous Catalysts for the Selective Synthesis of Mono-oxazolines from Amino Alcohol and Dinitriles. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1856-62	4.5	8
147	An N-doped three dimensional flexible carbon/sulfur cathode for lithium sulfur battery design. <i>Dalton Transactions</i> , 2016 , 45, 3305-9	4.3	15
146	Multiple-color aggregation-induced emission (AIE) molecules as chemodosimeters for pH sensing. <i>Chemical Communications</i> , 2016 , 52, 3123-6	5.8	104
145	Roles of temperature, solvent, M/L ratios and anion in preparing complexes containing a Himta ligand. <i>CrystEngComm</i> , 2016 , 18, 1350-1362	3.3	37
144	Reversible metal-induced emission and chromaticity switching in isostructural Ln-MOFs. <i>Dalton Transactions</i> , 2016 , 45, 3702-5	4.3	7
143	Elastic porous carbon material supported sulfur cathodes for LiS battery design. <i>New Journal of Chemistry</i> , 2016 , 40, 93-96	3.6	7
142	Mono/bimetallic water-stable lanthanide coordination polymers as luminescent probes for detecting cations, anions and organic solvent molecules. <i>Dalton Transactions</i> , 2016 , 45, 12710-6	4.3	79
141	Surfactant-Assisted Nanocrystalline Zinc Coordination Polymers: Controlled Particle Sizes and Synergistic Effects in Catalysis. <i>Chemistry - A European Journal</i> , 2016 , 22, 6389-96	4.8	30
140	Central-metal exchange, improved catalytic activity, photoluminescence properties of a new family of d(10) coordination polymers based on the 5,5'-(1H-2,3,5-triazole-1,4-diyl)diisophthalic acid ligand. <i>Dalton Transactions</i> , 2016 , 45, 7776-85	4.3	51
139	Bis(3,5-lutidine)alkyl Dications and Their Use in the Fabrication of Organic/Inorganic 2D Polypseudorotaxane by Templated Self-Assembly. <i>Crystal Growth and Design</i> , 2016 , 16, 2487-2491	3.5	22
138	Improved bio-hydrogen production from glucose by adding a specific methane inhibitor to microbial electrolysis cells with a double anode arrangement. <i>Journal of Bioscience and Bioengineering</i> , 2016 , 122, 488-93	3.3	24
137	Homocoupling Reaction of Aryl Halides Catalyzed by Metal Cations in Isostructural Coordination Polymers. <i>Crystal Growth and Design</i> , 2016 , 16, 4926-4933	3.5	12
136	Two series of pH-dependent lanthanide complexes showing solvent-induced single crystal to single crystal transformation, sorption and luminescence properties. <i>CrystEngComm</i> , 2015 , 17, 2837-2846	3.3	26
135	Ni(II) Coordination Polymers Constructed from the Flexible Tetracarboxylic Acid and Different N-Donor Ligands: Structural Diversity and Catalytic Activity. <i>Crystal Growth and Design</i> , 2015 , 15, 4507-4517	3.5	42
134	Ionic liquid directed syntheses of water-stable Eu- and Tb-organic-frameworks for aqueous-phase detection of nitroaromatic explosives. <i>Dalton Transactions</i> , 2015 , 44, 14594-603	4.3	95

133	The effect of metal ions on photocatalytic performance based on an isostructural framework. <i>Dalton Transactions</i> , 2015 , 44, 12832-8	4.3	29
132	Polynuclear Ni(II)/Co(II)/Mn(II) Complexes Based on Terphenyl-Tetracarboxylic Acid Ligand: Crystal Structures and Research of Magnetic Properties. <i>Crystal Growth and Design</i> , 2015 , 15, 3426-3434	3.5	41
131	Co(II)/Mn(II)/Cu(II) Coordination Polymers Based on Flexible 5,5'-(hexane-1,6-diyl)-bis(oxy)diisophthalic Acid: Crystal Structures, Magnetic Properties, and Catalytic Activity. <i>Crystal Growth and Design</i> , 2015 , 15, 2712-2722	3.5	19
130	Reversible conversion of valence-tautomeric copper metal-organic frameworks dependent single-crystal-to-single-crystal oxidation/reduction: a redox-switchable catalyst for C-H bonds activation reaction. <i>Chemical Communications</i> , 2015 , 51, 10353-6	5.8	53
129	Four hybrid compounds based on a new type of molybdates and a flexible tripodal ligand: synthesis, structures, photochemical and electrochemical properties. <i>RSC Advances</i> , 2015 , 5, 74065-74074	2.7	17
128	Influence of ionic liquids on the syntheses and structures of Mn(II) coordination polymers based on multidentate N-heterocyclic aromatic ligands and bridging carboxylate ligands. <i>Dalton Transactions</i> , 2015 , 44, 17639-51	4.3	37
127	A nest-like Ni@Ni _{1.4} Co _{1.6} S ₂ electrode for flexible high-performance rolling supercapacitor device design. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20973-20982	13	83
126	Highly pH-dependent synthesis of two novel three-dimensional dysprosium complexes with interesting magnetic and luminescence properties. <i>CrystEngComm</i> , 2015 , 17, 846-855	3.3	40
125	Crystal Violet Lactone Salicylaldehyde Hydrazone Zn(II) Complex: a Reversible Photochromic Material both in Solution and in Solid Matrix. <i>Scientific Reports</i> , 2015 , 5, 14467	4.9	12
124	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
123	Construction of Fe ₆ , Fe ₈ and Mn ₈ metallamacrocyclic complexes and magnetic properties. <i>RSC Advances</i> , 2015 , 5, 89833-89838	3.7	4
122	Three New Hg(II) Complexes Constructed From Mercapto- and Amino-Containing Triazole Ligands: Syntheses, Crystal Structures, and Luminescent Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015 , 45, 906-913		2
121	Solvent templates induced porous metal-organic materials: conformational isomerism and catalytic activity. <i>Inorganic Chemistry</i> , 2015 , 54, 1405-13	5.1	43
120	Spectroscopic and crystallographic investigations of novel BODIPY-derived metal-organic frameworks. <i>Inorganic Chemistry</i> , 2015 , 54, 1346-53	5.1	39
119	Metal-organic frameworks based on the [1,1':3',1''-terphenyl]-3,3'',5,5''-tetracarboxylic acid ligand: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2014 , 43, 15475-81	4.3	21
118	Beneficial metal ion insertion into dandelion-like MnS with enhanced catalytic performance and genetic morphology. <i>RSC Advances</i> , 2014 , 4, 19257-19265	3.7	11
117	Seven dicarboxylate-based coordination polymers with structural varieties and different solvent resistance properties derived from the introduction of small organic linkers. <i>CrystEngComm</i> , 2014 , 16, 2615-2625	3.3	17
116	Mn(II) coordination polymers assembled from 8 or 9-connected trinuclear secondary building units: topology analysis and research of magnetic properties. <i>CrystEngComm</i> , 2014 , 16, 8736-8746	3.3	13

115	Novel coordination polymers of Zn(II) and Cd(II) tuned by different aromatic polycarboxylates: synthesis, structures and photocatalytic properties. <i>CrystEngComm</i> , 2014 , 16, 6408-6416	3.3	70
114	Nuclearity control of manganese polymers dependent on structural differences in the coligands and magnetic properties studies. <i>CrystEngComm</i> , 2014 , 16, 2470	3.3	6
113	Guest molecule release triggers changes in the catalytic and magnetic properties of a Fe(II)-based 3D metal-organic framework. <i>Inorganic Chemistry</i> , 2014 , 53, 3260-2	5.1	30
112	Four Complexes derived from a Benzimidazole-thioether Derivative Ligand: Syntheses, Crystal Structures and Luminescent Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1449-1454	1.3	2
111	A Systematic Research on the Synthesis, Structures, and Application in Photocatalysis of Cluster-Based Coordination Complexes. <i>Crystal Growth and Design</i> , 2014 , 14, 730-738	3.5	80
110	Polynuclear CdII Polymers: Crystal Structures, Topologies, and the Photodegradation for Organic Dye Contaminants. <i>Crystal Growth and Design</i> , 2014 , 14, 3035-3043	3.5	139
109	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
108	Syntheses, Structures, and Characterization of Three New Complexes Constructed From Triazolyl N-Heterocyclic Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 558-566		1
107	New mechanistic insight into stepwise metal-center exchange in a metal-organic framework based on asymmetric Zn(4) clusters. <i>Chemistry - A European Journal</i> , 2014 , 20, 2945-52	4.8	52
106	Hetero-nuclear coordinated compounds for use in high-performance supercapacitor electrode material design. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 745-750	6.8	10
105	Template-induced diverse metal-organic materials as catalysts for the tandem acylation-Nazarov cyclization. <i>Chemistry - A European Journal</i> , 2014 , 20, 16156-63	4.8	23
104	One-pot synthesis and the electrochemical properties of nano-structured nickel selenide materials with hierarchical structure. <i>CrystEngComm</i> , 2013 , 15, 2624	3.3	20
103	Entangled Zn(II)/Cd(II) coordination complexes based on a flexible bis(methylbenzimidazole) ligand and different dicarboxylates. <i>CrystEngComm</i> , 2013 , 15, 7095	3.3	47
102	Syntheses, Structures, and Characterization of Two New Complexes Constructed From Asymmetric Ferrocenyldicarboxylate Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013 , 43, 739-745		6
101	3D CoII, NiII, CoII-doped NiII noninterpenetrated ladder-polymers: structural and magnetic studies. <i>CrystEngComm</i> , 2013 , 15, 3672	3.3	12
100	The Syntheses, Crystal Structure, and Exceptional Chemical Stability of Three Multinuclear PbII Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 438-445	2.3	12
99	Ferrocene-carboxylate coordination complexes bridged by different N-containing ligands. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 1686-1699	1.6	9
98	Post-synthetic monovalent central-metal exchange, specific I2 sensing, and polymerization of a catalytic [3B] grid of [Cu(II)5Cu(I)4L6]?(I)2?13 H2O. <i>Chemistry - A European Journal</i> , 2013 , 19, 6321-8	4.8	45

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96	Large-scale urchin-like micro/nano-structured NiS: controlled synthesis, cation exchange and lithium-ion battery applications. <i>RSC Advances</i> , 2013 , 3, 17431	3.7	31
95	Two Cd(II) complexes derived from mercapto-triazole ligands: syntheses, crystal structures, and luminescent properties. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 2948-2956	1.6	7
94	Hydrothermal synthesis, structure characterization and luminescence property of three porous coordination polymers using a flexible tripodal amide containing linker. <i>Inorganic Chemistry Communication</i> , 2012 , 15, 301-304	3.1	12
93	Structural and catalytic properties of Cu ₂ S microrods grown on a three-dimensional substrate. <i>Crystal Research and Technology</i> , 2012 , 47, 87-90	1.3	7
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91	Three-dimensional CuS hierarchical architectures as recyclable catalysts for dye decolorization. <i>CrystEngComm</i> , 2012 , 14, 3965	3.3	65
90	Large-scale stereoscopic structured heazlewoodite microrod arrays and scale-like microsheets for lithium-ion battery applications. <i>RSC Advances</i> , 2012 , 2, 6817	3.7	28
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87	Two Picolinamide-Based Zn(II) Coordination Polymers: Syntheses, Structures, and Catalytic Activities. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012 , 42, 46-52		
86	Syntheses, Structures of a Series of Copper(II) Complexes and Their Catalytic Applications in the Oxidative Coupling of 2,6-Dimethylphenol. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012 , 42, 649-655		3
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83	Syntheses, structures, and fluorescent properties of two helical complexes based on a long rigid N-heterocyclic ligand. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 3570-3579	1.6	8
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69	Construction of Two Different 2D Motifs Based on Aromatic Bicarboxylate and Flexible Triazole-Based Synthons. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012 , 42, 882-887		1
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