

Hongwei Hou

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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	Novel pb and zn coordination polymers: synthesis, molecular structures, and third-order nonlinear optical properties. <i>Inorganic Chemistry</i> , 2003 , 42, 1306-15	5.1	184
239	Cation exchange induced tunable properties of a nanoporous octanuclear Cu(II) wheel with double-helical structure. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15222-3	16.4	153
238	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
237	Fe(Cu)-Containing Coordination Polymers: Syntheses, Crystal Structures, and Applications as Benzyl Alcohol Oxidation Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1594-1600	2.3	145
236	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
235	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
234	Two-dimensional rhombohedral grid coordination polymers [M(bbbt)(2)(NCS)(2)](n)(M = Co, Mn, or Cd; bbbt = 1,1'-(1,4-butanediyl) bis-1H-benzotriazole): synthesis, crystal structures, and third-order nonlinear optical properties. <i>Inorganic Chemistry</i> , 2002 , 41, 4068-75	5.1	137
233	Three-Dimensional Cd(II) Coordination Polymers Based on Semirigid Bis(Methylbenzimidazole) and Aromatic Polycarboxylates: Syntheses, Topological Structures and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2011 , 11, 4667-4675	3.5	136
232	Synthesis, crystal structures, and magnetic properties of three novel ferrocenecarboxylato-bridged lanthanide dimers. <i>Inorganic Chemistry</i> , 2003 , 42, 428-35	5.1	136
231	Metal ions play different roles in the third-order nonlinear optical properties of d10 metal-organic clusters. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6067-74	16.4	128
230	2,5-bis(4-alkoxycarbonylphenyl)-1,4-diaryl-1,4-dihydropyrrolo[3,2-]pyrrole () AIEgens: tunable RIR and TICT characteristics and their multifunctional applications. <i>Chemical Science</i> , 2017 , 8, 7258-7267	9.4	118
229	Crystalline central-metal transformation in metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2016 , 307, 130-146	23.2	116
228	Polymeric Complexes with PiperazinePyridine Building Blocks: Synthesis, Network Structures, and Third-Order Nonlinear Optical Properties. <i>Macromolecules</i> , 2003 , 36, 999-1008	5.5	115
227	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
226	Water-stable Eu-MOF fluorescent sensors for trivalent metal ions and nitrobenzene. <i>Dalton Transactions</i> , 2017 , 46, 12201-12208	4.3	106
225	Multiple-color aggregation-induced emission (AIE) molecules as chemodosimeters for pH sensing. <i>Chemical Communications</i> , 2016 , 52, 3123-6	5.8	104
224	Polymeric zinc ferrocenyl sulfonate as a molecular aspirator for the removal of toxic metal ions. <i>Chemistry - A European Journal</i> , 2008 , 14, 1814-21	4.8	104

223	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
222	From Dicarboxylic Acid to Tetranuclear Metallamacrocyclic Complex and 1D and 2D Polymers. <i>Crystal Growth and Design</i> , 2005 , 5, 1405-1413	3.5	100
221	Rational Construction of Porous Polymeric Cadmium Ferrocene-1,1'-disulfonates for Transition Metal Ion Exchange and Sorption. <i>Crystal Growth and Design</i> , 2007 , 7, 2553-2561	3.5	99
220	A Case Study of ZnII-bmb Meso-Helical Coordination Polymers upon the Spacer Angles and Lengths of Dicarboxylate Coligands. <i>Crystal Growth and Design</i> , 2011 , 11, 1869-1879	3.5	97
219	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
218	Reversible single crystal to single crystal transformation with anion exchange-induced weak Cu ²⁺ interactions and modification of the structures and properties of MOFs. <i>Chemical Communications</i> , 2011 , 47, 5271-3	5.8	84
217	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
216	3D coordination framework with uncommon two-fold interpenetrated {3(3)5(9)6(3)}-lcy net and coordinated anion exchange. <i>Chemistry - A European Journal</i> , 2009 , 15, 4049-56	4.8	83
215	Hierarchical ternary Ni-Co-Se nanowires for high-performance supercapacitor device design. <i>Dalton Transactions</i> , 2016 , 45, 19458-19465	4.3	82
214	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
213	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
212	Series of Cd(II) Metal-Organic Frameworks Based on a Flexible Tripodal Ligand and Polycarboxylate Acids: Syntheses, Structures, and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2012 , 12, 2435-2444	3.5	76
211	Template-Assisted Synthesis of Co,Mn-MOFs with Magnetic Properties Based on Pyridinedicarboxylic Acid. <i>Crystal Growth and Design</i> , 2012 , 12, 3505-3513	3.5	75
210	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
209	Structure extending and cation exchange of Cd(II) and Co(II) materials compounds inducing fluorescence signal mutation. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5695		73
208	Self-assembly of a series of novel metal-organic compounds containing ferrocenecarboxylate components. <i>Inorganic Chemistry</i> , 2003 , 42, 3501-8	5.1	71
207	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
206	Coordination polymers based on a flexible bis(triazole) ligand and aromatic polycarboxylate anions: syntheses, topological structures and photoluminescent properties. <i>CrystEngComm</i> , 2011 , 13, 5943	3.3	68

205	Three-dimensional CuS hierarchical architectures as recyclable catalysts for dye decolorization. <i>CrystEngComm</i> , 2012 , 14, 3965	3.3	65
204	Effect of Organic Polycarboxylate Ligands on the Structures of a Series of Zinc(II) Coordination Polymers Based on a Conformational Bis-triazole Ligand. <i>Crystal Growth and Design</i> , 2012 , 12, 1193-1200	3.5	62
203	Novel one-dimensional polymers generated from p-Ferrocenylbenzoate: syntheses, structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2004 , 43, 4767-74	5.1	61
202	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
201	Two novel two-dimensional double-sheet layered manganese(II) coordination polymers: synthesis, crystal structures and third-order nonlinear optical properties. <i>Journal of Materials Chemistry</i> , 2002 , 12, 838-843		59
200	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
199	Syntheses, Characterizations, and Properties of Five Interpenetrating Complexes Based on 1,4-Benzenedicarboxylic Acid and a Series of Benzimidazole-Based Linkers. <i>Crystal Growth and Design</i> , 2012 , 12, 5439-5446	3.5	57
198	Secondary Ligand-Directed Assembly of Cd(II) Coordination Architectures: From 0D to 3D Complexes Based on Ferrocenyl Carboxylate. <i>Crystal Growth and Design</i> , 2010 , 10, 2490-2500	3.5	56
197	Hydrothermal Syntheses of Metal-Organic Frameworks Constructed from Aromatic Polycarboxylate and 4,4'-Bis(1,2,4-triazol-1-ylmethyl)biphenyl. <i>Crystal Growth and Design</i> , 2011 , 11, 2183-2193	3.5	55
196	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
195	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
194	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
193	Structural Diversity for a Series of Novel Zn Metal-Organic Frameworks Based on Different Secondary Building Units. <i>Crystal Growth and Design</i> , 2012 , 12, 4170-4179	3.5	52
192	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
191	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
190	Self-assembly of unprecedented [8+12] Cu-metallamacrocycle-based 3D metal-organic frameworks. <i>Chemical Communications</i> , 2012 , 48, 5736-8	5.8	50
189	Study on the Reaction of Polymeric Zinc Ferrocenyl Carboxylate with Pb(II) or Cd(II). <i>Crystal Growth and Design</i> , 2009 , 9, 4504-4513	3.5	50
188	First octameric ellipsoid lanthanide(III) complexes: crystal structure and nonlinear optical absorptive and refractive properties. <i>Inorganic Chemistry</i> , 2004 , 43, 1323-7	5.1	49

187	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
186	An o-phthalimide-based multistimuli-responsive aggregation-induced emission (AIE) system. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 50-56	7.8	45
185	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
184	Metal Ions Play Different Roles in the Third-Order Nonlinear Optical Properties of d10 MetalOrganic Clusters. <i>Angewandte Chemie</i> , 2005 , 117, 6221-6228	3.6	44
183	Solvent templates induced porous metal-organic materials: conformational isomerism and catalytic activity. <i>Inorganic Chemistry</i> , 2015 , 54, 1405-13	5.1	43
182	A precise hexagonal octadecanuclear Ag macrocycle with significant luminescent properties. <i>Chemical Communications</i> , 2011 , 47, 7461-3	5.8	43
181	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
180	Reactivity of Polyiodides Towards 1,3-Bis(4-pyridyl)propane (bpp): A New CuI Cluster Polycatenane Framework and a Novel 2D AgI Cluster Motif. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2259-2267	2.3	42
179	Polynuclear Ni(II)/Co(II)/Mn(II) Complexes Based on TerphenylTetracarboxylic Acid Ligand: Crystal Structures and Research of Magnetic Properties. <i>Crystal Growth and Design</i> , 2015 , 15, 3426-3434	3.5	41
178	Photoswitchable nonlinear optical properties of metal complexes. <i>Dalton Transactions</i> , 2017 , 47, 13-22	4.3	41
177	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
176	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
175	External Template-Assisted Self-Assembly: Design and Synthesis of 4,4'-bipy-Based Mo(W)/Cu/S Heterothiometallic Polymeric Clusters Directed by 1,1'-Bis(pyridinium)methylene Cation. <i>Crystal Growth and Design</i> , 2011 , 11, 3448-3455	3.5	40
174	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
173	High Efficiency and Fast Removal of Trace Pb(II) from Aqueous Solution by Carbomethoxy-Functionalized MetalOrganic Framework. <i>Crystal Growth and Design</i> , 2018 , 18, 1474-1482	3.5	39
172	Spectroscopic and crystallographic investigations of novel BODIPY-derived metal-organic frameworks. <i>Inorganic Chemistry</i> , 2015 , 54, 1346-53	5.1	39
171	Chiral Metalloclycles Templated Novel Chiral Water Frameworks. <i>Crystal Growth and Design</i> , 2013 , 13, 518-525	3.5	38
170	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

- 169 A photo-controllable third-order nonlinear optical (NLO) switch based on a rhodamine B salicylaldehyde hydrazone metal complex. *Journal of Materials Chemistry C*, **2016**, 4, 8552-8558 7.1 37
- 168 Roles of temperature, solvent, M/L ratios and anion in preparing complexes containing a Himta ligand. *CrystEngComm*, **2016**, 18, 1350-1362 3.3 37
- 167 Solvent-Mediated Central Metals Transformation from a Tetranuclear NiII Cage to a Decanuclear CuII Bucket. *Crystal Growth and Design*, **2010**, 10, 3835-3837 3.5 35
- 166 Ferrocenyl Functional Coordination Polymers Based on Mono-, Bi-, and Heterotrimeric Organometallic Building Blocks: Syntheses, Structures, and Properties. *Crystal Growth and Design*, **2009**, 9, 903-913 3.5 35
- 165 Transition Metal Ion Directed Self-Assembly of Polynuclear Coordination Complexes: Structural Characterization and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2004**, 2004, 3946-3957 3.7 34
- 164 A Hollow Tube-on-Tube Architecture of Carbon-Tube-Supported Nickel Cobalt Sulfide Nanotubes for Advanced Supercapacitors. *ChemNanoMat*, **2017**, 3, 269-276 3.5 33
- 163 Charge reversible and biodegradable nanocarriers showing dual pH-/reduction-sensitive disintegration for rapid site-specific drug delivery. *Colloids and Surfaces B: Biointerfaces*, **2018**, 169, 313-320 6.0 33
- 162 A very facile, low temperature, one-step route to in situ fabricate copper sulfide nanosheet thin films. *CrystEngComm*, **2011**, 13, 6212 3.3 32
- 161 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. *Inorganic Chemistry*, **2017**, 56, 13329-13336 5.1 31
- 160 Temperature-dependent capture of water molecules by saddle-shaped hexanuclear carboxylate cycloclusters in a (3,18)-connected metal-organic framework. *Chemistry - A European Journal*, **2012**, 18, 13954-8 4.8 31
- 159 Large-scale urchin-like micro/nano-structured NiS: controlled synthesis, cation exchange and lithium-ion battery applications. *RSC Advances*, **2013**, 3, 17431 3.7 31
- 158 Synthesis, Crystal Structures and Third-Order Nonlinear Optical Properties of Two Novel Ferrocenyl Schiff-Base Complexes [Ag(L)2](NO3)·(MeOH)·(EtOH) and [HgI2(L)] {L = 1,2-Bis[(ferrocen-1-ylmethylene)amino]ethane}. *European Journal of Inorganic Chemistry*, **2003**, 2003, 2225-2232 2.3 31
- 157 Photo-induced free radical production in a tetraphenylethylene ligand-based metal-organic framework. *Chemical Communications*, **2018**, 54, 12942-12945 5.8 31
- 156 Guest molecule release triggers changes in the catalytic and magnetic properties of a Fe(II)-based 3D metal-organic framework. *Inorganic Chemistry*, **2014**, 53, 3260-2 5.1 30
- 155 Substitution, Addition, and Recombination Reactions of Precursor Complexes with Ferrocenyl Carboxylate Units. *European Journal of Inorganic Chemistry*, **2007**, 2007, 5234-5245 2.3 30
- 154 Surfactant-Assisted Nanocrystalline Zinc Coordination Polymers: Controlled Particle Sizes and Synergistic Effects in Catalysis. *Chemistry - A European Journal*, **2016**, 22, 6389-96 4.8 30
- 153 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. *Chemistry - A European Journal*, **2017**, 23, 5081-5089 4.8 29
- 152 The effect of metal ions on photocatalytic performance based on an isostructural framework. *Dalton Transactions*, **2015**, 44, 12832-8 4.3 29

151	Solvent-Induced Assembly of Silver Coordination Polymers (CPs) as Cooperative Catalysts for Synthesizing of Cyclopentenone[b]pyrroles Frameworks. <i>Inorganic Chemistry</i> , 2017 , 56, 4874-4884	5.1	28
150	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
149	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
148	Synthesis and crystal structures of a series of complexes based on a rigid angular ligand and the magnetic properties of the Cu(II) polymer. <i>New Journal of Chemistry</i> , 2004 , 28, 191	3.6	27
147	Mitochondria-dependent benzothiadiazole-based molecule probe for quantitatively intracellular pH imaging. <i>Dyes and Pigments</i> , 2017 , 145, 576-583	4.6	26
146	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
145	Proton coupled electron transfer: novel photochromic performance in a host-guest collaborative MOF. <i>Chemical Communications</i> , 2019 , 55, 10948-10951	5.8	24
144	Synthesis and properties of benzothiadiazole-pyridine system: The modulation of optical feature. <i>Dyes and Pigments</i> , 2017 , 137, 135-142	4.6	24
143	Self-Assembly of d10 Metal Adduct Polymers Bridged by Bipyridyl-Based Ligands. <i>Journal of Cluster Science</i> , 2003 , 14, 483-493	3	24
142	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
141	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
140	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
139	Efficient Catalytic Performance for Acylation-Nazarov Cyclization Based on an Unusual Postsynthetic Oxidation Strategy in a Fe(II)-MOF. <i>Inorganic Chemistry</i> , 2018 , 57, 10224-10231	5.1	22
138	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
137	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
136	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
135	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
134	From Multifunctional Precursor to Novel Reaction Products: Oligimerization and Central Metal Ion Exchange Reaction of Ferrocenyl Carboxylate Complexes. <i>Crystal Growth and Design</i> , 2008 , 8, 1435-1442	3.5	21

133	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
132	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
131	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
130	Investigation of Regulating Third-Order Nonlinear Optical Property by Coordination Interaction. <i>Inorganic Chemistry</i> , 2019 , 58, 4792-4801	5.1	19
129	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
128	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
127	Fluorescent Chemosensor for Zinc Ion Detection with Significant Emission Color Change in Aqueous Solution Based on AIEgen. <i>ChemistrySelect</i> , 2017 , 2, 3158-3162	1.8	18
126	'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
125	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
124	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
123	Template-Induced Structural Isomerism of Pyridine-2,3-dicarboxylate and PbII with Similar High Stability and Different Fluorescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3047-3053	2.3	17
122	Coordinated anion exchange induced structural transformation from a trinuclear cage to a 3D interpenetrated framework with the solvent-mediated mechanism. <i>Inorganica Chimica Acta</i> , 2012 , 387, 450-454	2.7	17
121	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
120	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
119	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
118	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
117	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
116	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

115	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
114	Novel photo-controllable third-order nonlinear optical (NLO) switches based on azobenzene derivatives. <i>Dyes and Pigments</i> , 2019 , 170, 107599	4.6	14
113	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
112	Crystal to crystal transformation induced a novel Cu(II)-MOF with zigzag [3]_3 chains. <i>CrystEngComm</i> , 2012 , 14, 5155	3.3	14
111	1-D chain metal-organic polymers bridged by bis -benzimidazole-based ligands: syntheses, structures, and fluorescent properties. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 1827-1834	1.6	14
110	A Hydroscopic Self-Catenated Net Formed by Borromean Layers Interlocked by Ferrocenyl Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3652-3657	2.3	14
109	Porous functionalized MOF self-evolution promoting molecule encapsulation and Hg removal. <i>Chemical Communications</i> , 2019 , 55, 13382-13385	5.8	14
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- 1 Fascinating Supramolecular Assembly through Noncovalent Interactions Involving Anions in Organic Ionic Crystals. *Journal of Physical Chemistry C*, **2021**, 125, 22346-22353 3.8