

Rong-Bin Huang

List of Publications by Year in descending order

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192
papers

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all docs

195
docs citations

195
times ranked

5662
citing authors

#	ARTICLE	IF	CITATIONS
1	Capturing the Labile Fullerene[50] as C ₅₀ Cl ₁₀ . <i>Science</i> , 2004, 304, 699-699.	12.6	317
2	pH-Dependent Assembly of Keggin-Based Supramolecular Architecture. <i>Inorganic Chemistry</i> , 2005, 44, 1190-1192.	4.0	261
3	Low-cost solution-processed copper iodide as an alternative to PEDOT:PSS hole transport layer for efficient and stable inverted planar heterojunction perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19353-19359.	10.3	239
4	A Keplerate Magnetic Cluster Featuring an Icosidodecahedron of Ni(II) Ions Encapsulating a Dodecahedron of La(III) Ions. <i>Journal of the American Chemical Society</i> , 2007, 129, 7016-7017.	13.7	185
5	Series of Ag(I) Coordination Complexes Derived from Aminopyrimidyl Ligands and Dicarboxylates: Syntheses, Crystal Structures, and Properties. <i>Crystal Growth and Design</i> , 2010, 10, 3699-3709.	3.0	170
6	Hydrothermal Syntheses, Crystal Structures and Photoluminescent Properties of Three Metal-Cluster Based Coordination Polymers Containing Mixed Organic Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 125-133.	2.0	153
7	Simultaneous self-assembly of a cage-like silver(i) complex encapsulating an Ag ₆ neutral cluster core and carbon dioxide fixation. <i>Chemical Communications</i> , 2011, 47, 1461-1463.	4.1	140
8	Single-crystal-like hematite colloidal nanocrystal clusters: synthesis and applications in gas sensors, photocatalysis and water treatment. <i>Journal of Materials Chemistry</i> , 2009, 19, 6154.	6.7	139
9	Cerium oxide standing out as an electron transport layer for efficient and stable perovskite solar cells processed at low temperature. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1706-1712.	10.3	133
10	pH-Dependent Ag(<i>scp</i>) coordination architectures constructed from 4-cyanopyridine and phthalic acid: from discrete structure to 2D sheet. <i>CrystEngComm</i> , 2011, 13, 1591-1601.	2.6	132
11	Stepwise assembly of two 3d ⁴ heterometallic coordination polymers based on a hexanuclear silver(i) metalloligand. <i>Chemical Communications</i> , 2011, 47, 746-748.	4.1	130
12	Encapsulated Diverse Water Aggregates in Two Ag(I)/4,4'-Bipyridine/Dicarboxylate Hosts: 1D Water Tape and Chain. <i>Crystal Growth and Design</i> , 2010, 10, 4642-4649.	3.0	122
13	Crystal Structures of Saturn-Like C ₅₀ Cl ₁₀ and Pineapple-Shaped C ₆₄ Cl ₄ : Geometric Implications of Double- and Triple-Pentagon-Fused Chlorofullerenes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5340-5343.	13.8	116
14	Molecular Capsules Based on Cucurbit[5]uril Encapsulating "Naked" Anion Chlorine. <i>Crystal Growth and Design</i> , 2006, 6, 2611-2614.	3.0	114
15	Two Ih-symmetry-breaking C ₆₀ isomers stabilized by chlorination. <i>Nature Materials</i> , 2008, 7, 790-794.	27.5	114
16	Nanoporous Lanthanide-Copper(II) Coordination Polymers: Syntheses and Crystal Structures of [M ₂ (Cu ₃ (iminodiacetate) ₆)] _n (M=La, Nd, Eu). <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2108-2108.	13.8	102
17	p-Dimethylaminobenzaldehyde thiosemicarbazone: A simple novel selective and sensitive fluorescent sensor for mercury(II) in aqueous solution. <i>Talanta</i> , 2006, 69, 103-106.	5.5	87
18	Anionic Heptadecanuclear Silver(I) Cluster Constructed from in Situ Generated 2-Mercaptobenzoic Acid and a Sulfide Anion. <i>Inorganic Chemistry</i> , 2011, 50, 12393-12395.	4.0	81

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19	Substituent effect on the assembly of coordination polymers containing isophthalic acid and its derivatives. <i>CrystEngComm</i> , 2009, 11, 2548.	2.6	80
20	Nonamer Water Cluster Encapsulated in a Heterometallic Supramolecular Complex. <i>Crystal Growth and Design</i> , 2010, 10, 5031-5033.	3.0	79
21	A unique open inorganic-organic framework with alternate hexa- and penta-coordinate cobalt(ii) sites. Synthesis, crystal structure and magnetic properties of $[\text{Co}_3(\text{C}_4\text{H}_4\text{O}_4)_2 \cdot 5(\text{OH})]_n \cdot 0.5n\text{H}_2\text{O}$. <i>Dalton Transactions RSC</i> , 2001, , 2888-2890.	2.3	75
22	Metal-organic frameworks displaying single crystal-to-single crystal transformation through postsynthetic uptake of metal clusters. <i>Chemical Science</i> , 2013, 4, 3232.	7.4	69
23	Synthesis, characterization and property of a mixed-valent AgI/AgII coordination polymer. <i>Chemical Communications</i> , 2010, 46, 8168.	4.1	65
24	The Origin of Green Emission of ZnO Microcrystallites: Surface-Dependent Light Emission Studied by Cathodoluminescence. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12091-12093.	3.1	62
25	Influence of dicarboxylic acids on self-assembly process: Syntheses and structural characterization of new Ag(I) complexes derived from mixed ligands. <i>Polyhedron</i> , 2009, 28, 2983-2988.	2.2	59
26	A Discrete Spirocyclic $(\text{H}_2\text{O})_9$ Cluster and 1D Novel Water Chain with Tetrameric and Octameric Clusters in Cationic Hosts. <i>Crystal Growth and Design</i> , 2011, 11, 1948-1956.	3.0	59
27	Effect of Different Carboxylates on a Series of Ag(I) Coordination Compounds with Benzoguanamine Ligand. <i>Crystal Growth and Design</i> , 2011, 11, 3564-3578.	3.0	59
28	Anion-Controlled Assembly of Silver(I)/Aminobenzonitrile Compounds: Syntheses, Crystal Structures, and Photoluminescence Properties. <i>Crystal Growth and Design</i> , 2012, 12, 354-361.	3.0	59
29	Ionothermal synthesis of 3d ^{4f} and 4f layered anionic metal-organic frameworks. <i>CrystEngComm</i> , 2009, 11, 1522.	2.6	57
30	Syntheses, structures and photoluminescent properties of a series of Ag(i) coordination architectures based on 2,4-diamino-6-methyl-1,3,5-triazine and dicarboxylates: from a 0D discrete molecule to a 3D infinite network. <i>CrystEngComm</i> , 2011, 13, 6431.	2.6	57
31	Acetonitrile-Templated Assembly of a Laminar Silver(I) Phthalate Coordination Polymer. <i>Crystal Growth and Design</i> , 2011, 11, 1427-1430.	3.0	57
32	Syntheses and Crystal Structures of Two Novel Zinc(II) Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2678-2682.	2.0	56
33	Self-assembly, thermal stability and photoluminescence of two mixed-ligand silver(i) networks via 2D $\hat{\wedge}$ ' 2D and 2D $\hat{\wedge}$ ' 3D parallel interpenetration of (4,4) nets. <i>CrystEngComm</i> , 2010, 12, 4161.	2.6	56
34	Versatile fabrication of aligned SnO ₂ nanotube arrays by using various ZnO arrays as sacrificial templates. <i>Journal of Materials Chemistry</i> , 2009, 19, 1019-1023.	6.7	55
35	Diversity of coordination architecture of silver(I) complexes with different 2-aminopyrimidyl derivatives: Effect of counter anions and ligands. <i>Polyhedron</i> , 2008, 27, 2791-2798.	2.2	53
36	Control of the topologies and packing modes of three 2D coordination polymers through variation of the solvent ratio of a binary solvent mixture. <i>CrystEngComm</i> , 2008, 10, 1211.	2.6	52

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37	Flexible decapyrrylcorannulene hosts. <i>Nature Communications</i> , 2019, 10, 485.	12.8	52
38	Influence of reaction conditions on the channel shape of 3d-4f heterometallic metal-organic framework. <i>CrystEngComm</i> , 2008, 10, 1309.	2.6	51
39	Syntheses, structures and fluorescence of two coordination complexes of Zn(II) and 1,3-bis(2-methylimidazolyl)propane: solvent effect. <i>CrystEngComm</i> , 2012, 14, 6726.	2.6	47
40	Effect of lanthanide contraction on crystal structures of lanthanide coordination polymers with 2,5-piperazinedione-1,4-diacetic acid. <i>CrystEngComm</i> , 2010, 12, 2691.	2.6	46
41	Selective recognition iodide in aqueous solution based on fluorescence enhancement chemosensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 1403-1406.	3.9	45
42	Capture and activation of aerial CO ₂ by carbamoylation of l-threonine in a Ag(I) supramolecular framework. <i>Dalton Transactions</i> , 2011, 40, 5677.	3.3	45
43	Syntheses, crystal structures and photoluminescent properties of two novel Ag(I) coordination polymers with benzoguanamine and pyrazine-carboxylate ligands: From 1D helix to 1D + 2D interdigitation. <i>CrystEngComm</i> , 2012, 14, 480-487.	2.6	45
44	A novel lamella 2D Ag(I) coordination polymer of graphite-like structure featuring short interlayer distance. <i>Inorganic Chemistry Communication</i> , 2009, 12, 782-784.	3.9	43
45	Rational synthesis of an atomically precise carboncone under mild conditions. <i>Science Advances</i> , 2019, 5, eaaw0982.	10.3	43
46	A series of di-, tri- and tetranuclear lanthanide clusters with slow magnetic relaxation for Dy ₂ and Dy ₄ . <i>CrystEngComm</i> , 2011, 13, 2084.	2.6	42
47	Studies of cluster anions C _n X ⁻ (X=N, P, As, Sb, Bi) produced by laser ablation. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1995, 33, 49-52.	1.0	41
48	Syntheses, structures, photoluminescences of silver(I) coordination polymers with 2-aminopyrazine and varied dicarboxylate ligands. <i>Polyhedron</i> , 2010, 29, 1243-1250.	2.2	41
49	Design and synthesis of 3d-4d heterometallic coordination complexes based on a nonanuclear silver(I) metallatecton. <i>CrystEngComm</i> , 2011, 13, 2833.	2.6	41
50	Microwave synthesis of fullerenes from chloroform. <i>Applied Physics Letters</i> , 1999, 75, 2764-2766.	3.3	40
51	A novel 3D silver(I) coordination polymer exhibiting unprecedented 1/3- and 1/4-bonding modes of 2-aminopyrazines. <i>Inorganic Chemistry Communication</i> , 2010, 13, 290-293.	3.9	39
52	Hybrid Fullerene-Based Electron Transport Layers Improving the Thermal Stability of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20733-20740.	8.0	39
53	Photoluminescent metal-organic coordination polymer incorporating one-dimensional silver chains. <i>Inorganic Chemistry Communication</i> , 2009, 12, 436-439.	3.9	37
54	Synthesis, characterization, crystal structures and thermal and photoluminescence studies of dimethylpyrazine-carboxylate mixed ligand silver(I) coordination polymers with various multinuclear silver units. <i>CrystEngComm</i> , 2014, 16, 5028-5039.	2.6	36

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55	Bare phosphorus and binary phosphide cluster ions generated by laser ablation. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1996, 38, 171-177.	1.0	35
56	An Unconventional Hydrofullerene C ₆₆ H ₄ with Symmetric Heptagons Retrieved in Low-Pressure Combustion. <i>Journal of the American Chemical Society</i> , 2019, 141, 6651-6657.	13.7	35
57	Separation and identification of perchlorinated polycyclic aromatic hydrocarbons by high-performance liquid chromatography and ultraviolet absorption spectroscopy. <i>Journal of Chromatography A</i> , 1999, 864, 173-177.	3.7	34
58	Polyoxometalate-Based Metal-Organic Frameworks as Heterogeneous Catalysts for Selective Oxidation of Ethylbenzene. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4526-4531.	2.0	34
59	A novel arenedisulfonate-templated 1D silver ladder constructed from 4-aminobenzonitrile ligand. <i>CrystEngComm</i> , 2011, 13, 5661.	2.6	34
60	Structural diversity in the (derivatives) system: New zero-, one-, and two-dimensional inorganic-organic hybrids. <i>Polyhedron</i> , 2008, 27, 3231-3238.	2.2	33
61	3D π - π interpenetrated and 2D π - π polycatenated Ag(<i>scp</i>) networks constructed from 1,4-bis(2-methylimidazol-1-ylmethyl)benzene and dicarboxylates. <i>CrystEngComm</i> , 2012, 14, 379-382.	2.6	33
62	Simple Combustion Production and Characterization of Octahydro[60]fullerene with a Non-IPR C ₆₀ Cage. <i>Journal of the American Chemical Society</i> , 2010, 132, 15093-15095.	13.7	32
63	Preparation of Decachlorocorannulene and Other Perchlorinated Fragments of Fullerenes by Electrical Discharge in Liquid Chloroform. <i>Journal of the American Chemical Society</i> , 1997, 119, 5954-5955.	13.7	31
64	Synthesis, Separation, and Characterization of Fullerenes and Their Chlorinated Fragments in the Glow Discharge Reaction of Chloroform. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1734-1738.	2.6	31
65	Assembly of silver(I) coordination polymers incorporating pyromellitic acid and N-heterocyclic ligands. <i>Polyhedron</i> , 2010, 29, 1842-1848.	2.2	31
66	A lamella 2D silver(I) coordination polymer constructed from in situ generated 2-mercaptobenzoic acid. <i>Inorganic Chemistry Communication</i> , 2010, 13, 306-309.	3.9	31
67	Twin-Crystal Nature of the Single-Crystal-Like Branched Cu ₂ O Particles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13405-13409.	3.1	29
68	Effect of ionic radius on the assemblies of first row transition metal-5-tert-butylisophthalates-(2,2'-bipyridine or phenanthroline) coordination compounds. <i>CrystEngComm</i> , 2012, 14, 1301-1316.	2.6	29
69	Synthesis, crystal structure and optical properties of [Ag(UO ₂) ₃ (OAc) ₉][Zn(H ₂ O) ₄ (CH ₃ CH ₂ OH) ₂]: A novel compound containing closed-shell 3d ¹⁰ , 4d ¹⁰ and 5d ¹⁰ metal ions. <i>Dalton Transactions</i> , 2007, , 3868.	3.3	28
70	Anion-Dependent Spin Crossover and Coordination Assembly Based on [Fe(tpa)] ²⁺ [tpa = tris(2-pyridylmethyl)amine] and [N(CN) ₂] ⁺ : Square, Zigzag, Dimeric, and [4+1]-Co-crystallized Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 916-926.	2.0	27
71	An unprecedented (4,24)-connected metal-organic framework sustained by nanosized Ag ₁₂ cuboctahedral node. <i>CrystEngComm</i> , 2011, 13, 7311.	2.6	26
72	Formulation engineering for optimizing ternary electron acceptors exemplified by isomeric PC ₇₁ BM in planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18776-18782.	10.3	26

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73	A novel silver(I)-containing supramolecular framework incorporating eight different hydrogen bond motifs. <i>Journal of Molecular Structure</i> , 2010, 969, 176-181.	3.6	25
74	A novel 3D silver(I) supramolecular framework assembled from hybrid ligands incorporating Ag ⁺ ⋯C interactions. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1598-1602.	1.8	25
75	Formation of Curvature Subunit of Carbon in Combustion. <i>Journal of the American Chemical Society</i> , 2016, 138, 9629-9633.	13.7	25
76	Studies of Linear C _n Se-(1 ± n%) Clusters Produced from Laser Ablation: Collision-Induced Dissociation and ab Initio Calculations. <i>Journal of Physical Chemistry A</i> , 2001, 105, 4653-4659.	2.5	24
77	A new clover-shaped trinuclear uranium(VI) complex: Synthesis, structure and photoluminescence property. <i>Inorganic Chemistry Communication</i> , 2010, 13, 859-862.	3.9	24
78	Structural diversity of Ag/3-nitrophthalate coordination polymers controlled by solvent and induction agent. <i>CrystEngComm</i> , 2013, 15, 1185-1193.	2.6	24
79	Synthesis and crystal structure of an Ag ₂₀ cluster incorporating in situ generated bipodal [ArP(OEt) ₂] ⁻ and tripodal [ArPOS ₂] ₂ ⁻ ligands (Ar=4-methoxyphenyl). <i>Inorganic Chemistry Communication</i> , 2010, 13, 1191-1194.	3.9	22
80	Exohedrally stabilized C ₇₀ isomer with adjacent pentagons characterized by crystallography. <i>Chemical Science</i> , 2013, 4, 2967.	7.4	22
81	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 550-553.	2.0	21
82	Structural transformations from a 1-D chain to two 3-D supramolecular isomers via crystal disassembly and reassembly. <i>CrystEngComm</i> , 2008, 10, 472.	2.6	21
83	Self-assembly of silver(I) coordination polymers from aminopyrimidyl derivatives and malonate acid: From 1D chain to 2D layer. <i>Journal of Molecular Structure</i> , 2010, 970, 134-138.	3.6	21
84	Synthesis of C _{3v} -C ₆₀ using a low-pressure benzene/oxygen diffusion flame: Another pathway toward non-IPR fullerenes. <i>Combustion and Flame</i> , 2010, 157, 966-969.	5.2	21
85	Ag ₃ triangle and Ag ₄ rectangle supported by deprotonated aminopyrimidyl derivatives and bis(diphenylphosphino)methane. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1039-1042.	3.9	21
86	A novel photoluminescent silver(I) wire supported by 4-tert-butylbenzoate and ligand-unsupported Ag ⁺ ⋯Ag interactions. <i>Inorganic Chemistry Communication</i> , 2012, 15, 136-139.	3.9	20
87	Capturing the Fused-Pentagon C ₇₄ by Stepwise Chlorination. <i>Inorganic Chemistry</i> , 2016, 55, 6861-6865.	4.0	20
88	An insight into the magnetoelectric coupling effect in the MOF of [NH ₂ (CH ₃) ₂] _n [Fe ^{III} Fe ^{II} (HCOO) ₆] _n . <i>Applied Physics Letters</i> , 2017, 110, 192902.	3.3	20
89	Fullerene-based amino acid ester chlorides self-assembled as spherical nano-vesicles for drug delayed release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 613-619.	5.0	20
90	Influence of aminopyrimidyl derivatives on the supramolecular architectures and abundant nonvalent interactions of silver 5-nitroisophthalate coordination polymers. <i>Journal of Molecular Structure</i> , 2010, 967, 147-152.	3.6	19

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91	The influence of water on dielectric property in cocrystal compound of [orotic acid][melamine]·H ₂ O. <i>CrystEngComm</i> , 2011, 13, 6361.	2.6	19
92	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 546-549.	1.4	18
93	1-(2-Methoxybenzylidene)-4-phenylthiosemicarbazide as OFF-ON fluorescent chemodosimeter for detection of Cu ²⁺ in acetonitrile-water binary solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 1212-1215.	3.9	18
94	<i>catena</i> -Poly[[[(iminodiacetato- η^3 -O)silver(I)] $\cdot\frac{1}{4}$ -2-aminopyrimidine- η^3 -N ¹] ₃ ·3H ₂ O] monohydrate]: a one-dimensional silver(I) coordination polymer with mixed ligands. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m305-m307.	0.4	18
95	Capturing a Metastable Silver(I) Compound of Pyrazine-2,3-dicarboxylic Acid. <i>Chemistry Letters</i> , 2010, 39, 190-191.	1.3	18
96	Solvent-induced Zn(II) coordination polymers with 1, 3, 5-benzenetricarboxylic acid. <i>Journal of Molecular Structure</i> , 2019, 1184, 219-224.	3.6	18
97	Separation and identification of perchlorinated polycyclic aromatic hydrocarbons and fullerenes (C ₆₀ , C ₇₀) by coupling high-performance liquid chromatography with ultraviolet absorption spectroscopy and atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 932, 43-53.	3.7	17
98	Syntheses, characterizations, thermal stability and photoluminescence of four silver coordination polymers with mixed ligands. <i>Inorganica Chimica Acta</i> , 2014, 415, 61-68.	2.4	17
99	One-dimensional Gd ^{III} -M ^{II} (M = Mn, Co) acetate chains exhibiting a large cryogenic magnetocaloric effect at $T_H = 3$ T. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 649-652.	6.0	17
100	Atomically Precise Insights into Metal-Metal Bonds Using Comparable Endo-Units of Sc ₂ and Sc ₂ C ₂ . <i>CCS Chemistry</i> , 0, , 294-302.	7.8	17
101	Crystallographic report: A three-dimensional coordination polymer: [Zn ₆ (btc) ₄ (4,4'-bipy) ₅] _n (btc =) Tj ETQq1 1 0.784314 rgBT /Overl 739-740.	3.5	16
102	The solid-state structures of two photoluminescent 2D silver(I) arenedisulfonate incorporating aminopyrimidyl ligands: Substituents influence on π - π interaction. <i>Journal of Molecular Structure</i> , 2010, 981, 80-85.	3.6	16
103	Syntheses, structures and luminescent properties of silver(I) coordination polymers based on aminopyrimidyl derivatives and 1,2,3,4-butanetetracarboxylic acid. <i>Journal of Molecular Structure</i> , 2010, 975, 17-22.	3.6	16
104	Thermal and photoinduced valence tautomerism of a chain compound. <i>Science China Chemistry</i> , 2012, 55, 1037-1041.	8.2	16
105	Two-Dimensional Iron(II) Networks - Guest-Dependent Structures and Spin-Crossover Behaviors. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4234-4242.	2.0	16
106	New silver(I) coordination polymers constructed from pyrazine derivatives and aromatic carboxylic acids: Syntheses, structures and photoluminescence. <i>Journal of Molecular Structure</i> , 2015, 1100, 237-244.	3.6	16
107	An organic-inorganic hybrid uranyl nicotinate molybdate polymer and its fluorescent property. <i>Inorganic Chemistry Communication</i> , 2007, 10, 894-896.	3.9	15
108	Two Ag(I) coordination polymers derived from melamine and dicarboxylates: Syntheses, crystal structures and thermal stabilities. <i>Journal of Molecular Structure</i> , 2011, 1000, 85-91.	3.6	15

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109	Combustion Synthesis and Electrochemical Properties of the Small Hydrofullerene C ₅₀ H ₁₀ . Chemistry - A European Journal, 2012, 18, 3408-3415.	3.3	15
110	Tailorable PC ₇₁ BM Isomers: Using the Most Prevalent Electron Acceptor to Obtain High-Performance Polymer Solar Cells. Chemistry - A European Journal, 2016, 22, 18709-18713.	3.3	15
111	Glow discharge synthesis and molecular structures of perchlorofluoranthene and other perchlorinated fragments of buckminsterfullerene. Chemical Communications, 1998, , 2045-2046.	4.1	14
112	Hydrogen bond induced change of geometry and crystallized form of copper(II) complexes: syntheses and crystal structure of complexes with Schiff-base ligands containing two imidazolyl groups. Dalton Transactions RSC, 2001, , 845-849.	2.3	14
113	Crystallographic report: Crystal structure of a three-dimensional coordination polymer, [Cd(Hbtc)(H ₂ O)] _n (btc = 1, 2, 4-benzenetricarboxylate). Applied Organometallic Chemistry, 2003, 17, 647-649.	3.5	14
114	Spontaneous transformation of selenium from monoclinic micro-balls to trigonal nano-rods in ethanol solution. Journal of Materials Chemistry, 2003, 13, 1447.	6.7	14
115	Low dimensional metal-organic frameworks (MOFs) constructed from simple aminopyrimidyl derivatives: From oligomer to single neutral zigzag chain and doubly ionic chains. Journal of Molecular Structure, 2009, 938, 65-69.	3.6	14
116	A Novel 3D Photoluminescent Silver(I) Coordination Polymer Featuring Unusual $\frac{1}{4}$ -Bonded and Usual $\frac{1}{2}$ -Bonded 2-Aminopyrazine. Bulletin of the Chemical Society of Japan, 2010, 83, 173-175.	3.2	14
117	Assembly of 1D, 2D and 3D silver(I) coordination polymers with nitrilotriacetate and 2-aminopyrimidyl mixed ligands. Inorganica Chimica Acta, 2011, 368, 67-73.	2.4	14
118	Aminobenzonitrile isomers-mediated self-assembly of mixed-ligand silver(I) coordination architectures: Synthesis, structural characterization and properties. Journal of Molecular Structure, 2011, 990, 158-163.	3.6	14
119	Structural variation in silver(I) complexes with pyridazine ligand and aromatic polycarboxylic acids: Structural analysis with silver chains. Inorganica Chimica Acta, 2014, 423, 193-200.	2.4	14
120	Myo-inositol supported heterometallic Dy ₂₄ M ₂ (M = Ni, Mn) cages. CrystEngComm, 2014, 16, 5527-5530.	2.6	14
121	Influence of symmetric benzene-polycarboxylate acids on the structures of silver-aminopyrimidyl derivative system. Inorganic Chemistry Communication, 2010, 13, 10-14.	3.9	13
122	Effect of different carboxylates on two Ag(I) coordination polymers with 2,5-dimethylpyrazine ligand. Journal of Molecular Structure, 2014, 1064, 27-31.	3.6	13
123	Synthesis, crystal structures and photoluminescences of silver(I) complexes with chelating carboxylic and pyrazine derivatives. Inorganic Chemistry Communication, 2016, 68, 21-28.	3.9	13
124	Syntheses, structures, and properties of four novel Ag(I) coordination polymers based on 2,6-dimethylpyrazine and benzene dicarboxylates. Inorganic Chemistry Communication, 2017, 86, 192-199.	3.9	13
125	Collision-induced dissociation and density functional study of the structures and energies of cyclic C _{2n} N ₅ clusters. Journal of Chemical Physics, 2000, 112, 9276-9281.	3.0	12
126	Effects of solvent systems on two silver coordination complexes: From discrete structure to 2D sheet. Journal of Molecular Structure, 2014, 1059, 81-86.	3.6	12

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127	Double Negatively Curved C ₇₀ Growth through a Heptagon-Involving Pathway. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14095-14099.	13.8	12
128	Studies on carbon/sulfur cluster anions produced by laser vaporization: Experiment (collision-induced dissociation) and theory (ab initio calculation). <i>Journal of Chemical Physics</i> , 2000, 112, 9310-9318.	10.0	11
129	Formation of Buckminsterfullerene and Its Perchlorinated Fragments by Laser Ablation of Perchloroacenaphthylene. <i>Journal of Physical Chemistry A</i> , 2000, 104, 7161-7164.	2.5	11
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