

Ying-Ying Liu

List of Publications by Year in descending order

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106
papers

4,477
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docs citations

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times ranked

3074
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyoxometalate-based complex/graphene for high-rate lithium-ion batteries. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110666.	4.4	10
2	Assembly of polyoxometalate-thiacalix[4]arene-based inorganic-organic hybrids as efficient catalytic oxidation desulfurization catalysts. <i>Dalton Transactions</i> , 2021, 50, 1349-1356.	3.3	12
3	Three Resorcin[4]arene-Based Two-Dimensional Zn(II) Supramolecular Isomers Synthesized via a Structure-Directing Strategy for Knoevenagel Condensation. <i>Inorganic Chemistry</i> , 2021, 60, 7329-7336.	4.0	14
4	Functionalized resorcin[4]arene-based coordination polymers as heterogeneous catalysts for click reactions. <i>New Journal of Chemistry</i> , 2021, 45, 3181-3187.	2.8	3
5	Resorcin[4]arene-based Cu(I) binuclear and mononuclear complexes as efficient catalysts for azide-alkyne cycloaddition reactions. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6146.	3.5	4
6	Polyoxometalate-Based Organic-Inorganic Hybrids as Heterogeneous Catalysts for Cycloaddition of CO ₂ with Epoxides and Oxidative Desulfurization Reactions. <i>Crystal Growth and Design</i> , 2021, 21, 1019-1027.	3.0	13
7	Two polyoxometalate-based inorganic-organic hybrids and one coordination polymer assembled with a functionalized calix[4]arene: Catalytic and electrochemical properties. <i>Polyhedron</i> , 2020, 178, 114324.	2.2	11
8	Three thiocalix[4]arene-based Cu(II) coordination polymers: catalytic activities for azide-alkyne cycloaddition reactions and luminescence properties. <i>Dalton Transactions</i> , 2020, 49, 3715-3722.	3.3	6
9	Two coordination polymers based on p-tert-butylcalix[4]arene as efficient luminescent sensor for Fe ³⁺ and MnO ₄ ²⁻ ions. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108290.	3.9	10
10	Resorcin[4]arene-based cadmium(II) coordination polymers for efficient luminescent detection of Fe ³⁺ and CrO ₄ ²⁻ ions. <i>Inorganic Chemistry Communication</i> , 2020, 114, 107847.	3.9	6
11	Nine coordination polymers assembled with a novel resorcin[4]arene tetracarboxylic acid: Selective luminescent sensing of acetone and Fe ³⁺ ion. <i>Dyes and Pigments</i> , 2019, 160, 492-500.	3.7	27
12	Three Coordination Polymers Based on Resorcin[4]arene as Effective Catalysts for the Knoevenagel Condensation Reaction and as Multifunctional Luminescent Sensors. <i>ChemistrySelect</i> , 2019, 4, 7351-7357.	1.5	9
13	Calix[4]arene-based polyoxometalate organic-inorganic hybrid and coordination polymer as heterogeneous catalysts for azide-alkyne cycloaddition and Knoevenagel condensation reaction. <i>New Journal of Chemistry</i> , 2019, 43, 15871-15878.	2.8	17
14	Cu(I) coordination polymer based on pyridyl-functionalized resorcin[4]arene: Selective detection of CrO ₄ ²⁻ , MnO ₄ ²⁻ and nitrobenzene and efficient catalyst for azide-alkyne cycloaddition reaction. <i>Polyhedron</i> , 2019, 158, 499-505.	2.2	5
15	Two host-guest hybrids by encapsulation AlQ ₃ in zeolitic imidazolate framework-8 as luminescent sensors for Fe ³⁺ , CrO ₄ ²⁻ and acetone. <i>Journal of Solid State Chemistry</i> , 2019, 269, 588-593.	2.9	15
16	Syntheses, crystal structures and knoevenagel condensation reactions of three coordination polymers assembled with Lewis basic ligand. <i>Polyhedron</i> , 2018, 144, 6-10.	2.2	7
17	Synthesis of nanoporous cobalt/carbon materials by a carbonized zeolitic imidazolate framework-9 and adsorption of dyes. <i>New Journal of Chemistry</i> , 2018, 42, 717-724.	2.8	21
18	Four coordination complexes based on two novel carboxylate-functionalized resorcin[4]arenes: Structures, fluorescence and sensing of nitrobenzene and dichromate anions. <i>Inorganica Chimica Acta</i> , 2018, 482, 579-587.	2.4	3

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19	A Stable Porphyrin-Based Porous MOF Metal-Organic Framework as an Efficient Solvent-Free Catalyst for C-C Bond Formation. <i>Inorganic Chemistry</i> , 2017, 56, 3036-3043.	4.0	107
20	One-step encapsulation of functionalized EAQ and TBAQ molecules inside zeolite imidazolate framework-67 and their electrochemical characterizations. <i>Microporous and Mesoporous Materials</i> , 2017, 247, 177-183.	4.4	17
21	Resorcin[4]arene-Based Microporous Metal-Organic Framework as an Efficient Catalyst for CO ₂ Cycloaddition with Epoxides and Highly Selective Luminescent Sensing of Cr ²⁺ . <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39441-39449.	8.0	93
22	Multifunctional Luminescence Sensors Assembled with Lanthanide and a Cyclotrimeratrylene-Based Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4221-4230.	2.0	19
23	A Polyoxovanadate-Resorcin[4]arene-Based Porous Metal-Organic Framework as an Efficient Multifunctional Catalyst for the Cycloaddition of CO ₂ with Epoxides and the Selective Oxidation of Sulfides. <i>Inorganic Chemistry</i> , 2017, 56, 11710-11720.	4.0	97
24	Syntheses, structures and characterizations of coordination polymers based on two new resorcin[4]arene carboxylic acids. <i>Polyhedron</i> , 2017, 138, 287-294.	2.2	5
25	Rhodamine 6G loaded zeolitic imidazolate framework-8 (ZIF-8) nanocomposites for highly selective luminescent sensing of Fe ³⁺ , Cr ⁶⁺ and aniline. <i>Microporous and Mesoporous Materials</i> , 2016, 228, 275-288.	4.4	38
26	A Porphyrin-Based Porous MOF Metal-Organic Framework as an Efficient Catalyst for the Cycloaddition of CO ₂ to Epoxides. <i>Chemistry - A European Journal</i> , 2016, 22, 16991-16997.	3.3	61
27	Two heterotrimetallic organic frameworks constructed using a functionalized Schiff base ligand: syntheses, structures and visible photocatalytic activities for the degradation of chlorophenols. <i>RSC Advances</i> , 2016, 6, 98611-98619.	3.6	4
28	Four coordination polymers based on 1,4,8,11-tetrazacyclotetradecane-N,N',N'',N'''-tetra-methylene-benzoic acid: Syntheses, structures, and selective luminescence sensing of iron(III) ions, dichromate anions, and nitrobenzene. <i>Dyes and Pigments</i> , 2016, 129, 109-120.	3.7	35
29	Fluorescent Aromatic Tag-Functionalized MOFs for Highly Selective Sensing of Metal Ions and Small Organic Molecules. <i>Inorganic Chemistry</i> , 2016, 55, 2261-2273.	4.0	181
30	Photocatalytic Properties and Luminescent Sensing for Cr ³⁺ Cations of Polyoxovanadates-Based Inorganic-Organic Hybrid Compounds with Multiple Lewis Basic Sites. <i>Crystal Growth and Design</i> , 2016, 16, 265-276.	3.0	52
31	Porphyrin-based mixed-valent Ag(I)/Ag(II) and Cu(I)/Cu(II) networks as efficient heterogeneous catalysts for the azide-alkyne click-reaction and promising oxidation of ethylbenzene. <i>Chemical Communications</i> , 2016, 52, 1373-1376.	4.1	43
32	Systematic Investigation of High-Sensitivity Luminescent Sensing for Polyoxometalates and Iron(III) by MOFs Assembled with a New Resorcin[4]arene-Functionalized Tetracarboxylate. <i>Chemistry - A European Journal</i> , 2015, 21, 15806-15819.	3.3	98
33	Metal-Ion Exchange, Small-Molecule Sensing, Selective Dye Adsorption, and Reversible Iodine Uptake of Three Coordination Polymers Constructed by a New Resorcin[4]arene-Based Tetracarboxylate. <i>Inorganic Chemistry</i> , 2015, 54, 1744-1755.	4.0	104
34	Syntheses, structures, gas adsorption and reversible iodine adsorption of two porous Cu(II) MOFs. <i>CrystEngComm</i> , 2015, 17, 1583-1590.	2.6	17
35	A Family of Capsule-Based Coordination Polymers Constructed from a New Tetrakis(1,2,4-triazol-ylmethyl)resorcin[4]arene Cavitand and Varied Dicarboxylates for Selective Metal-Ion Exchange and Luminescent Properties. <i>Crystal Growth and Design</i> , 2015, 15, 3822-3831.	3.0	43
36	A series of chiral coordination polymers constructed by (S)-(-)-1,1'-binaphtho-2,2'-diacetic acid: Syntheses, structures and optical properties. <i>Dyes and Pigments</i> , 2015, 120, 136-146.	3.7	15

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37	A family of coordination polymers assembled with a flexible hexacarboxylate ligand and auxiliary N-donor ligands: syntheses, structures, and physical properties. <i>CrystEngComm</i> , 2015, 17, 3181-3196.	2.6	22
38	A new microporous anionic metal-organic framework as a platform for highly selective adsorption and separation of organic dyes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1675-1681.	10.3	181
39	Four Cobalt(II)-Containing Coordination Polymers: Effects of pH Value and Temperature on Synthesis, Gas Sorption, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6205-6211.	2.0	17
40	Syntheses and Structures of Coordination Polymers Constructed by Semi-Rigid Bicarboxylic Acid Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2217-2225.	1.2	6
41	A series of coordination polymers constructed by the semi-rigid bifunctional ligand 5-[(1H-1,2,4-triazol-1-yl)methoxy] isophthalic acid: syntheses, structures and the role of solvents. <i>CrystEngComm</i> , 2014, 16, 1136-1148.	2.6	34
42	Three resorcin[4]arene-based complexes with Cu-exchange characteristics and fluorescence sensing of polyoxometalates in aqueous solutions. <i>CrystEngComm</i> , 2014, 16, 9638-9644.	2.6	8
43	A series of metal-organic frameworks based on a semi-rigid bifunctional ligand 5-[(1H-1,2,4-triazol-1-yl)methoxy] isophthalic acid and flexible N-donor bridging ligands. <i>CrystEngComm</i> , 2014, 16, 6380.	2.6	21
44	Syntheses of two coordination polymers with rutile-type topology and the single-crystal-to-single-crystal transformation of Mg(ii) complex induced by methanol. <i>CrystEngComm</i> , 2014, 16, 4210.	2.6	12
45	Four coordination polymers constructed by a novel octacarboxylate functionalized calix[4]arene ligand: syntheses, structures, and photoluminescence property. <i>CrystEngComm</i> , 2014, 16, 9939-9946.	2.6	29
46	Four cluster-containing highly connected coordination networks: syntheses, structures, and properties. <i>CrystEngComm</i> , 2014, 16, 6372.	2.6	19
47	An unusual lamellar framework constructed from a tetracarboxylatocalix[4]arene with highly efficient metal-ion exchange. <i>CrystEngComm</i> , 2014, 16, 9520-9527.	2.6	12
48	Tuning the void volume in a series of isomorphic porous metal-organic frameworks by varying the solvent size and length of organic ligands. <i>CrystEngComm</i> , 2014, 16, 5450.	2.6	16
49	Multinuclear coordination polymers based on Ag ⁺ -Ag ⁻ interaction: syntheses, structures, and luminescence properties. <i>CrystEngComm</i> , 2014, 16, 5110.	2.6	18
50	Ten Coordination Polymers Constructed Using an Unprecedented Azamacrocyclic Octacarboxylate Ligand 1,4,8,11-Tetrazacyclododecane- <i>N</i> , <i>N'</i> -di- <i>N</i> - <i>N'</i> -tetra-Methylene-Isophthalic Acid: Syntheses, Structures, and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2014, 14, 2307-2317.	3.0	66
51	Luminescent Anionic Metal-Organic Framework with Potential Nitrobenzene Sensing. <i>Crystal Growth and Design</i> , 2014, 14, 3174-3178.	3.0	126
52	Syntheses, structures, luminescent sensor, and magnetism of a series of coordination polymers constructed by 3-carboxy-1-(4-carboxy-benzyl)-2-oxidopyridinium. <i>CrystEngComm</i> , 2013, 15, 7360.	2.6	19
53	A series of MOFs based on a tricarboxylic acid and various N-donor ligands: syntheses, structures, and properties. <i>CrystEngComm</i> , 2013, 15, 6986.	2.6	50
54	Iodine-templated assembly of an In(iii) complex with a single-crystal-to-single-crystal transition. <i>CrystEngComm</i> , 2013, 15, 7406.	2.6	16

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55	A Series of Coordination Polymers Constructed by Flexible 4-Substituted Bis(1,2,4-triazole) Ligands and Polycarboxylate Anions: Syntheses, Structures, and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2013, 13, 4781-4795.	3.0	69
56	Ten complexes constructed by two reduced Schiff base tetraazamacrocyclic ligands: syntheses, structures, magnetic and luminescent properties. <i>Journal of Coordination Chemistry</i> , 2013, 66, 4032-4051.	2.2	5
57	Syntheses, structures and photoluminescent properties of Zn(II) and Cd(II) coordination polymers with flexible tripodal triazole-containing ligands. <i>CrystEngComm</i> , 2013, 15, 1897.	2.6	26
58	2D and 3D coordination polymers constructed by a novel hexakis(1,2,4-triazol-ylmethyl)benzene ligand and different carboxylate anions: syntheses, structures, and luminescent properties. <i>CrystEngComm</i> , 2013, 15, 2009.	2.6	32
59	Syntheses, structures, and photoluminescent properties of a series of coordination polymers based on a new 2,2'-carboxybiphenyl-4-ylmethylaminodiacetic acid and different N-donor ligands. <i>CrystEngComm</i> , 2013, 15, 5641.	2.6	19
60	A series of Zn(II) and Cd(II) coordination polymers based on flexible bis-[(pyridyl)-benzimidazole] ligand and different carboxylates: syntheses, structures, and photoluminescent properties. <i>CrystEngComm</i> , 2013, 15, 2699.	2.6	26
61	Five polyoxometalate-based inorganic-organic hybrid compounds constructed by a multidentate N-donor ligand: syntheses, structures, electrochemistry, and photocatalysis properties. <i>CrystEngComm</i> , 2013, 15, 3843.	2.6	63
62	A series of tetranuclear-cluster-containing complexes based on pendent-arm macrocyclic ligand and different carboxylates: syntheses, structures, photoluminescence, and magnetic properties. <i>CrystEngComm</i> , 2013, 15, 5168.	2.6	14
63	Crystal structure of pentaerythrityl tetrakis(1-methyl-5-mercapto-1,2,3,4-tetrazole), C ₁₃ H ₂₀ N ₁₆ S ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012, 227, 451-452.	0.3	0
64	Crystal structure of 4-[(2-phenylbenzimidazole)-methyl]benzoic acid cadmium(II), C ₄₂ H ₃₀ CdN ₄ O ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012, 227, 471-472.	0.3	0
65	Crystal structure of tetrakis-(imidazol-1-ylmethyl)methane cobalt(II) tungstate-monohydrate, [CoWO ₄ (C ₁₇ H ₂₀ N ₈)](H ₂ O), C ₁₇ H ₂₂ CoN ₈ O ₅ W. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012, 227, 459-460.	0.3	0
66	A series of coordination polymers based on 5-(2-carboxybenzyloxy) isophthalic acid and bis(imidazole) ligands: syntheses, topological structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 2316.	2.6	65
67	A series of 1D, 2D and 3D coordination polymers based on a 5-(benzoic-4-ylmethoxy)isophthalic acid: syntheses, structures and photoluminescence. <i>CrystEngComm</i> , 2012, 14, 169-177.	2.6	87
68	0D, 2D and 3D metal phosphonates assembled from a new 2,2'-carboxybiphenyl-4-ylmethylphosphonic acid: Syntheses, topological structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 2268.	2.6	37
69	A series of coordination polymers based on a multidentate N-donor ligand and different polycarboxylate anions: syntheses, structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 6271.	2.6	48
70	A series of complexes constructed by different calix[4]arene derivatives. <i>CrystEngComm</i> , 2012, 14, 6201.	2.6	20
71	Ten new coordination polymers based on 3-carboxy-1-(4-carboxybenzyl)-2-oxidopyridinium and different N-donor ligands: syntheses, structures, and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 8173.	2.6	29
72	Two novel 3D metal-organic frameworks based on two tetrahedral ligands: syntheses, structures, photoluminescence and photocatalytic properties. <i>CrystEngComm</i> , 2012, 14, 6609.	2.6	109

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73	Effect of organic anions on the self-assembly of Zn(ii)-containing coordination polymers based on trigonal N-donor ligands. <i>CrystEngComm</i> , 2012, 14, 6934.	2.6	24
74	Inorganic-organic hybrid compounds based on octamolybdates and multidentate N-donor ligand: syntheses, structures, photoluminescence and photocatalysis. <i>Dalton Transactions</i> , 2012, 41, 11062.	3.3	43
75	Supramolecular isomers: the first 3-fold interpenetrating 8-connected hex-c3 net and an unusual 4-fold interpenetrating 65.8 net. <i>CrystEngComm</i> , 2011, 13, 5296.	2.6	28
76	Two unprecedented 3D metal-organic polyrotaxane frameworks based on a new flexible tri(imidazole) ligand. <i>CrystEngComm</i> , 2011, 13, 3402.	2.6	35
77	Syntheses, structures and photoluminescent properties of a series of metal-organic frameworks based on a flexible tetracarboxylic acid and different bis(imidazole) ligands. <i>CrystEngComm</i> , 2011, 13, 4256.	2.6	72
78	Syntheses, structures, and photoluminescence of five silver(i) coordination polymers based on tetrakis(imidazol-1-ylmethyl)methane. <i>CrystEngComm</i> , 2011, 13, 5877.	2.6	61
79	A series of lanthanide-transition metal coordination polymers with mixed ligands: syntheses, structures, photoluminescence and magnetic properties. <i>CrystEngComm</i> , 2011, 13, 3498.	2.6	17
80	Diverse topologies of six coordination polymers constructed from a tris(4-imidazolylphenyl)amine ligand and different carboxylates. <i>CrystEngComm</i> , 2011, 13, 7121.	2.6	29
81	Two Unusual 3D Copper(II) Coordination Polymers Constructed by p-Sulfonated Calixarenes and Bis(triazolyl) Ligands. <i>Crystal Growth and Design</i> , 2011, 11, 4491-4497.	3.0	40
82	Syntheses, structures and photoluminescence of zinc(ii) and silver(i) coordination polymers based on 1,1'-bis(2-(1,4-butanediyl)bis(2-methylbenzimidazole)) and different carboxylate ligands. <i>CrystEngComm</i> , 2011, 13, 6118.	2.6	47
83	pH-Dependent assembly of two octamolybdate hybrid materials: A self-threading CdSO ₄ -type framework and a 3D 4-connected framework. <i>CrystEngComm</i> , 2011, 13, 7037.	2.6	55
84	A series of coordination polymers based on reduced Schiff base multidentate anions and bis(imidazole) ligands: syntheses, structures and photoluminescence. <i>CrystEngComm</i> , 2011, 13, 3811.	2.6	107
85	Series of Coordination Polymers Based on Different Carboxylates and a Tri(4-imidazolylphenyl)amine Ligand: Entangled Structures and Photoluminescence. <i>Crystal Growth and Design</i> , 2011, 11, 2317-2324.	3.0	77
86	Syntheses and structures of Cd(II) and Co(II) compounds of 4-[(3-pyridyl)methylamino]benzoate anion. <i>Journal of Coordination Chemistry</i> , 2011, 64, 413-423.	2.2	6
87	Hydrogen-bonded Three-dimensional Supramolecular Network Constructed by Dinuclear Ni(II) Macrocyclic Complex and 1,2,4,5-Benzenetetracarboxylate. <i>Journal of Chemical Crystallography</i> , 2011, 41, 286-290.	1.1	4
88	Syntheses, structures, and luminescence of coordination compounds based on N-containing polycarboxylates. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2899-2911.	2.2	5
89	Syntheses, Structures and Properties of a Series of Zn ^{II} Complexes Constructed from a Tetrakis(imidazole) Ligand and Various Anions. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5709-5717.	2.0	23
90	Effect of Anions on the Self-Assembly of Cd(II)-Containing Coordination Polymers Based on a Novel Flexible Tetrakis(imidazole) Ligand. <i>Crystal Growth and Design</i> , 2010, 10, 995-1016.	3.0	157

