

Lei-Lei Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Luminescent Two-Dimensional Metal-Organic Framework Nanosheets with Large π -Conjugated System: Design, Synthesis, and Detection of Anti-Inflammatory Drugs and Pesticides. <i>Inorganic Chemistry</i> , 2022, 61, 982-991.	4.0	19
2	Fabrication of ultrathin single-layer 2D metal-organic framework nanosheets with excellent adsorption performance via a facile exfoliation approach. <i>Journal of Materials Chemistry A</i> , 2021, 9, 546-555.	10.3	55
3	Highly efficient and selective removal of anionic dyes from aqueous solution by using a protonated metal-organic framework. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157383.	5.5	46
4	Crystallographic Visualization of a Guest-Induced Solar-Driven Cycloaddition Reaction Based on a Recyclable Nonporous Coordination Polymer. <i>Inorganic Chemistry</i> , 2021, 60, 17173-17177.	4.0	11
5	Highly Efficient and Facile Removal of Pb^{2+} from Water by Using a Negatively Charged Azoxy-Functionalized Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2020, 20, 5251-5260.	3.0	54
6	Ultrathin two-dimensional metal-organic framework nanosheets decorated with tetra-pyridyl calix[4]arene: Design, synthesis and application in pesticide detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127819.	7.8	97
7	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.	3.0	33
8	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.	3.0	50
9	A robust $Zn(II)/Na(I)$ -MOF decorated with $[(OAc)_2(H_2O)_2]^{2-}$ anions for the luminescence sensing of copper ions based on the inner filter effect. <i>Dalton Transactions</i> , 2018, 47, 7787-7794.	3.3	43
10	Simple, sensitive and label-free electrochemical detection of microRNAs based on the in situ formation of silver nanoparticles aggregates for signal amplification. <i>Biosensors and Bioelectronics</i> , 2017, 94, 235-242.	10.1	57
11	Construction of Four Copper Coordination Polymers Derived from a Tetra-Pyridyl-Functionalized Calix[4]arene: Synthesis, Structural Diversity, and Catalytic Applications in the A^{3+} (Aldehyde, Alkyne, and Amine) Coupling Reaction. <i>Crystal Growth and Design</i> , 2017, 17, 5441-5448.	3.0	15
12	Synthesis, crystal structure, and luminescent property of a Cu (II) coordination polymer based on benzene-1,2-dicarboxylic acid and 1,2-bis(pyridine-3-ylmethoxy)benzene. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 553-557.	1.6	0
13	A novel $Ag(I)$ -calix[4]arene coordination polymer for the sensitive detection and efficient photodegradation of nitrobenzene in aqueous solution. <i>Dalton Transactions</i> , 2017, 46, 178-185.	3.3	34
14	Effective Removal of Chromium(III) from Low Concentration Aqueous Solution Using a Novel Diazeno/Methoxy-Laced Coordination Polymer. <i>Polymers</i> , 2017, 9, 273.	4.5	8
15	Construction of Four Zn(II) Coordination Polymers Used as Catalysts for the Photodegradation of Organic Dyes in Water. <i>Polymers</i> , 2016, 8, 3.	4.5	20
16	Solvent Effect on the Assembly of Two Cadmium(II) Coordination Polymers Derived from 3,3'- π - π -(Diazenediyl)dibenzoic Acid: Syntheses, Structures, Stabilities, and Photocatalytic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 323-328.	1.2	8
17	Facile preparation of magnetic nanocrystals using amphiphilic hyperbranched polymers as unimolecular nanoreactors and magnetofection in vitro. <i>Polymer Composites</i> , 2016, 37, 429-434.	4.6	9
18	Construction of five $Zn(II)/Cd(II)$ coordination polymers derived from a new linear carboxylate/pyridyl ligand: design, synthesis, and photocatalytic properties. <i>Dalton Transactions</i> , 2016, 45, 12352-12361.	3.3	52

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19	The crystal structure and photocatalytic properties of a three-dimensional cadmium(II) metal-organic framework: poly[bis(1,3-benzene-1,2-dicarboxylato)[1,4-bis(pyridin-3-ylmethoxy)benzene]dicadmium(II)]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 174-178.	0.5	1
20	An Organic-Inorganic Hybrid Based on Keggin-Type Polyoxometalate and Hypoxanthine: Synthesis, Structure, Stability, and Electrochemistry Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 925-929.	1.2	4
21	Blue-emitting and amphibious metal (Cu, Ni, Pt, Pd) nanodots prepared within supramolecular polymeric micelles for cellular imaging applications. <i>RSC Advances</i> , 2016, 6, 59497-59501.	3.6	1
22	Positional isomeric effect on the structural variation of Cd(II) coordination polymers based on flexible linear/V-shaped bipyridyl benzene ligands. <i>CrystEngComm</i> , 2015, 17, 653-664.	2.6	47
23	Structural diversity and photocatalytic properties of Cd(II) coordination polymers constructed by a flexible V-shaped bipyridyl benzene ligand and dicarboxylate derivatives. <i>Dalton Transactions</i> , 2015, 44, 1636-1645.	3.3	80
24	A two-dimensional bilayered Cd(II) coordination polymer with a three-dimensional supramolecular architecture incorporating 1,2-bis(pyridin-4-yl)ethene and 2,2'-(diazenediyl)dibenzoic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 178-181.	0.5	3
25	Construction of Lanthanide-Organic Frameworks from the Flexible Bifunctional Ligand 1,3-Bis(2-cyano-4-pyridyl)propane. <i>Australian Journal of Chemistry</i> , 2014, 67, 895.	0.9	0
26	A three-dimensional Zn(II) coordination framework: poly[[1,2-bis(pyridin-4-yl)ethene][2,2'-(diazene-1,2-diyl)dibenzoato][1,4-bis(pyridin-3-ylmethoxy)benzene]dicadmium(II)]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 277-280.	0.5	0
27	A three-dimensional Pb(II) coordination framework: poly[[2,2'-(diazene-1,2-diyl)dibenzoato]dimethanollead(II)]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 650-653.	0.5	0
28	A helical zinc(II) coordination polymer assembled from 1,3-bis[(pyridin-3-yl)methoxy]benzene and benzene-1,4-dicarboxylic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1178-1180.	0.5	2
29	Three coordination polymers constructed from various polynuclear clusters spaced by 2,2'-azodibenzoic acid: syntheses and fluorescent properties. <i>Dalton Transactions</i> , 2014, 43, 2915-2924.	3.3	41
30	Three Cd(II) coordination polymers assembled by flexible 2,2'-azodibenzoic acid and N-donor auxiliary ligand: Structural diversities and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2014, 40, 194-199.	3.9	17
31	Solvent-dependent formation of two Pb(II) coordination polymers based on 4,4'-azodibenzoic acid linker: crystal structures, fluorescence, and thermal properties. <i>Journal of Coordination Chemistry</i> , 2014, 67, 136-148.	2.2	4
32	Candle soot coated nickel foam for facile water and oil mixture separation. <i>RSC Advances</i> , 2014, 4, 7132.	3.6	41
33	Solvent- and temperature-driven synthesis of three Cd(II) coordination polymers based on 3,3'-azodibenzoic acid ligand: Crystal structures and luminescent properties. <i>Inorganica Chimica Acta</i> , 2013, 397, 75-82.	2.4	15
34	Poly[aqua[3,3'-(diazenediyl)dibenzoato]zinc]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 29-32.	0.4	3
35	Temperature, Cooling Rate, and Additive-Controlled Supramolecular Isomerism in Four Pb(II) Coordination Polymers with an in Situ Ligand Transformation Reaction. <i>Crystal Growth and Design</i> , 2012, 12, 5338-5348.	3.0	63
36	A Mn(III)-superoxo complex of a zwitterionic calix[4]arene with an unprecedented linear end-on Mn(III)-O ₂ arrangement and good catalytic performance for alkene epoxidation. <i>Chemical Communications</i> , 2011, 47, 11146.	4.1	50

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37	Temperature-Driven Assembly of Ln(III) (Ln = Nd, Eu, Yb) Coordination Polymers of a Flexible Azo Calix[4]arene Polycarboxylate Ligand. <i>Crystal Growth and Design</i> , 2011, 11, 3479-3488.	3.0	64
38	Inclusion of unique four-clawed crown-like nitrate-water cluster $[(NO_3)_6(H_2O)_6]^{6-}$ anions into the inter-spaces of a 3D hydrogen-bonded cationic net formed by a cationic calix[4]arene. <i>CrystEngComm</i> , 2011, 13, 5718.	2.6	23
39	Construction of a unique 3D coordination polymer from assembly of Cd(NO ₃) ₂ with a new tetrakis(m-carboxyphenyl)azo calix[4]arene ligand. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1069-1072.	3.9	10
40	Formation of [CuSCN] _n -Based Topological Structures via a Family of Flexible Benzimidazolyl-Based Linkers with Different Spacer Lengths. <i>Crystal Growth and Design</i> , 2010, 10, 1929-1938.	3.0	62
41	How do substituent groups in the 5-position of 1,3-benzenedicarboxylate affect the construction of supramolecular frameworks?. <i>CrystEngComm</i> , 2010, 12, 3708.	2.6	51
42	Solvent Effects on the Assembly of [Cu ₂ L ₂]- or [Cu ₄ L ₄]-Based Coordination Polymers: Isolation, Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2008, 8, 3810-3816.	3.0	125
43	Efficient and selective removal of Pb ²⁺ from aqueous solution by using an O ²⁻ functionalized metal-organic framework. <i>Dalton Transactions</i> , 0, , .	3.3	3