Lei-Lei Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4010412/publications.pdf

Version: 2024-02-01

331670 345221 1,323 43 21 36 citations h-index g-index papers 43 43 43 1497 all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Solvent Effects on the Assembly of [Cu ₂ 1 ₂]- or [Cu ₄ 1 ₄]-Based Coordination Polymers: Isolation, Structures, and Luminescent Properties. Crystal Growth and Design, 2008, 8, 3810-3816.	3.0	125
2	Ultrathin two-dimensional metal-organic framework nanosheets decorated with tetra-pyridyl calix[4]arene: Design, synthesis and application in pesticide detection. Sensors and Actuators B: Chemical, 2020, 310, 127819.	7.8	97
3	Structural diversity and photocatalytic properties of Cd(<scp>ii</scp>) coordination polymers constructed by a flexible V-shaped bipyridyl benzene ligand and dicarboxylate derivatives. Dalton Transactions, 2015, 44, 1636-1645.	3.3	80
4	Temperature-Driven Assembly of Ln(III) (Ln = Nd, Eu, Yb) Coordination Polymers of a Flexible Azo Calix[4]arene Polycarboxylate Ligand. Crystal Growth and Design, 2011, 11, 3479-3488.	3.0	64
5	Temperature, Cooling Rate, and Additive-Controlled Supramolecular Isomerism in Four Pb(II) Coordination Polymers with an in Situ Ligand Transformation Reaction. Crystal Growth and Design, 2012, 12, 5338-5348.	3.0	63
6	Formation of [CuSCN]n-Based Topological Structures via a Family of Flexible Benzimidazolyl-Based Linkers with Different Spacer Lengths. Crystal Growth and Design, 2010, 10, 1929-1938.	3.0	62
7	Simple, sensitive and label–free electrochemical detection of microRNAs based on the in situ formation of silver nanoparticles aggregates for signal amplification. Biosensors and Bioelectronics, 2017, 94, 235-242.	10.1	57
8	Fabrication of ultrathin single-layer 2D metal–organic framework nanosheets with excellent adsorption performance <i>via</i> a facile exfoliation approach. Journal of Materials Chemistry A, 2021, 9, 546-555.	10.3	55
9	Highly Efficient and Facile Removal of Pb ²⁺ from Water by Using a Negatively Charged Azoxy-Functionalized Metal–Organic Framework. Crystal Growth and Design, 2020, 20, 5251-5260.	3.0	54
10	Construction of five Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) coordination polymers derived from a new linear carboxylate/pyridyl ligand: design, synthesis, and photocatalytic properties. Dalton Transactions, 2016, 45, 12352-12361.	3.3	52
11	How do substituent groups in the 5-position of 1,3-benzenedicarboxylate affect the construction of supramolecular frameworks?. CrystEngComm, 2010, 12, 3708.	2.6	51
12	A Mn(iii)–superoxo complex of a zwitterionic calix[4]arene with an unprecedented linear end-on Mn(iii)–O2 arrangement and good catalytic performance for alkene epoxidation. Chemical Communications, 2011, 47, 11146.	4.1	50
13	High Efficiency and Fast Removal of Trace Pb(II) from Aqueous Solution by Carbomethoxy-Functionalized Metal–Organic Framework. Crystal Growth and Design, 2018, 18, 1474-1482.	3.0	50
14	Positional isomeric effect on the structural variation of Cd(<scp>ii</scp>) coordination polymers based on flexible linear/V-shaped bipyridyl benzene ligands. CrystEngComm, 2015, 17, 653-664.	2.6	47
15	Highly efficient and selective removal of anionic dyes from aqueous solution by using a protonated metal-organic framework. Journal of Alloys and Compounds, 2021, 853, 157383.	5.5	46
16	A robust Zn(<scp>ii</scp>)/Na(<scp>i</scp>)-MOF decorated with [(OAc) ₂ (H ₂ O) ₂] _n ^{2na^'} anions for the luminescence sensing of copper ions based on the inner filter effect. Dalton Transactions, 2018, 47, 7787-7794.	3.3	43
17	Three coordination polymers constructed from various polynuclear clusters spaced by 2,2′-azodibenzoic acid: syntheses and fluorescent properties. Dalton Transactions, 2014, 43, 2915-2924.	3.3	41
18	Candle soot coated nickel foam for facile water and oil mixture separation. RSC Advances, 2014, 4, 7132.	3.6	41

#	Article	IF	Citations
19	A novel Ag(<scp>i</scp>)-calix[4]arene coordination polymer for the sensitive detection and efficient photodegradation of nitrobenzene in aqueous solution. Dalton Transactions, 2017, 46, 178-185.	3.3	34
20	Efficient and Selective Removal of Copper(II) from Aqueous Solution by a Highly Stable Hydrogen-Bonded Metal–Organic Framework. Crystal Growth and Design, 2018, 18, 3082-3088.	3.0	33
21	Inclusion of unique four-clawed crown-like nitrate–water cluster [(NO3)6(H2O)6]6Ⱐanions into the inter-spaces of a 3D H–bonded cationic net formed by a cationic calix[4]arene. CrystEngComm, 2011, 13, 5718.	2.6	23
22	Construction of Four Zn(II) Coordination Polymers Used as Catalysts for the Photodegradation of Organic Dyes in Water. Polymers, 2016, 8, 3.	4.5	20
23	Luminescent Two-Dimensional Metal–Organic Framework Nanosheets with Large π-Conjugated System: Design, Synthesis, and Detection of Anti-Inflammatory Drugs and Pesticides. Inorganic Chemistry, 2022, 61, 982-991.	4.0	19
24	Three Cd(II) coordination polymers assembled by flexible 2,2′-azodibenzoic acid and N-donor auxiliary ligand: Structural diversities and luminescent properties. Inorganic Chemistry Communication, 2014, 40, 194-199.	3.9	17
25	Solvent- and temperature-driven synthesis of three Cd(II) coordination polymers based on $3,33e^{-2}$ -azodibenzoic acid ligand: Crystal structures and luminescent properties. Inorganica Chimica Acta, 2013, 397, 75-82.	2.4	15
26	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. Crystal Growth and Design, 2017, 17, 5441-5448.	3.0	15
27	Crystallographic Visualization of a Guest-Induced Solar-Driven Cycloaddition Reaction Based on a Recyclable Nonporous Coordination Polymer. Inorganic Chemistry, 2021, 60, 17173-17177.	4.0	11
28	Construction of a unique 3D coordination polymer from assembly of Cd(NO3)2 with a new tetrakis(m-carboxyphenyl)azo calix[4]arene ligand. Inorganic Chemistry Communication, 2011, 14, 1069-1072.	3.9	10
29	Facile preparation of magnetic nanocrystals using amphiphilic hyperbranched polymers as unimolecular nanoreactors and magnetofection <i>in vitro</i> . Polymer Composites, 2016, 37, 429-434.	4.6	9
30	Solvent Effect on the Assembly of Two Cadmium(II) Coordination Polymers Derived from 3,3′â€(Diazenediyl)dibenzoic Acid: Syntheses, Structures, Stabilities, and Photocatalytic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 323-328.	1.2	8
31	Effective Removal of Chromium(III) from Low Concentration Aqueous Solution Using a Novel Diazene/Methoxy-Laced Coordination Polymer. Polymers, 2017, 9, 273.	4.5	8
32	Solvent-dependent formation of two Pb(II) coordination polymers based on 4,4′-azodibenzoic acid linker: crystal structures, fluorescence, and thermal properties. Journal of Coordination Chemistry, 2014, 67, 136-148.	2.2	4
33	An Organicâ€Inorganic Hybrid Based on Kegginâ€Type Polyoxometalate and Hypoxanthine: Synthesis, Structure, Stability, and Electrochemistry Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 925-929.	1.2	4
34	Poly[aqua[$\hat{1}^1/44$ -3,3 \hat{a} \in 2-(diazenediyl)dibenzoato]zinc]. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 29-32.	0.4	3
35	A two-dimensional bilayered CdlIcoordination polymer with a three-dimensional supramolecular architecture incorporating 1,2-bis(pyridin-4-yl)ethene and 2,2â \in 2-(diazenediyl)dibenzoic acid. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 178-181.	0.5	3
36	Efficient and selective removal of Pb ²⁺ from aqueous solution by using an O ^{â^'} functionalized metalâ€"organic framework. Dalton Transactions, 0, , .	3.3	3

#	Article	IF	Citations
37	A three-dimensional ZnIlcoordination framework: poly[[ι⁄42-(E)-1,2-bis(pyridin-4-yl)ethene][ι⁄44-(E)-2,2′-(diazene-1,2-diyl)dibenzoato][ι⁄42-(E)-2,2′-(diazene Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 277-280.	-1, @.:d iyl)d	ibenzoato] dia
38	A helical zinc(II) coordination polymer assembled from 1,3-bis[(pyridin-3-yl)methoxy]benzene and benzene-1,4-dicarboxylic acid. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 1178-1180.	0.5	2
39	The crystal structure and photocatalytic properties of a three-dimensional cadmium(II) metal–organic framework: poly[bis(μ3-benzene-1,2-dicarboxylato)[μ2-1,4-bis(pyridin-3-ylmethoxy)benzene]dicadmium(II)]. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 174-178.	0.5	1
40	Blue-emitting and amphibious metal (Cu, Ni, Pt, Pd) nanodots prepared within supramolecular polymeric micelles for cellular imaging applications . RSC Advances, 2016, 6, 59497-59501.	3.6	1
41	Construction of Lanthanide–Organic Frameworks from the Flexible Bifunctional Ligand 1,3-Bis(2-cyano-4-pyridyl)propane. Australian Journal of Chemistry, 2014, 67, 895.	0.9	О
42	A three-dimensional PbIIcoordination framework: poly[[î½4-(E)-2,2′-(diazene-1,2-diyl)dibenzoato]dimethanollead(II)]. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 650-653.	0.5	0
43	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. Inorganic and Nano-Metal Chemistry, 2017, 47, 553-557.	1.6	0