

Shui-Sheng Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7374307/publications.pdf>

Version: 2024-02-01

42
papers

1,574
citations

279798

23
h-index

302126

39
g-index

42
all docs

42
docs citations

42
times ranked

1320
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous cobalt(ii)-imidazolate supramolecular isomeric frameworks with selective gas sorption property. <i>Chemical Communications</i> , 2011, 47, 4902.	4.1	177
2	Temperature dependent selective gas sorption of the microporous metal-imidazolate framework [Cu(L)] [H ₂ L = 1,4-di(1H-imidazol-4-yl)benzene]. <i>Chemical Communications</i> , 2011, 47, 752-754.	4.1	162
3	The roles of imidazole ligands in coordination supramolecular systems. <i>CrystEngComm</i> , 2016, 18, 6543-6565.	2.6	88
4	Spontaneous resolution of two homochiral ferroelectric cadmium(ii) frameworks and an achiral framework from a one-pot reaction involving achiral rigid ligands. <i>CrystEngComm</i> , 2010, 12, 2040.	2.6	72
5	Construction of coordination frameworks based on 4-imidazolyl tecton 1,4-di(1H-imidazol-4-yl)benzene and varied carboxylic acids. <i>CrystEngComm</i> , 2012, 14, 3564.	2.6	71
6	Cadmium(II) complexes with 3,5-di(1H-imidazol-1-yl)benzoate: topological and structural diversity tuned by counteranions. <i>CrystEngComm</i> , 2010, 12, 100-108.	2.6	70
7	Determination of nitrofuran metabolites in shrimp by high performance liquid chromatography with fluorescence detection and liquid chromatography-tandem mass spectrometry using a new derivatization reagent. <i>Journal of Chromatography A</i> , 2014, 1327, 90-96.	3.7	69
8	New Metal-Organic Frameworks Constructed from the 4-Imidazole-Carboxylate Ligand: Structural Diversities, Luminescence, and Gas Adsorption Properties. <i>Crystal Growth and Design</i> , 2014, 14, 3727-3741.	3.0	65
9	Syntheses, Structures, and Properties of a Series of Polyazaheteroaromatic Core-Based Zn(II) Coordination Polymers Together with Carboxylate Auxiliary Ligands. <i>Crystal Growth and Design</i> , 2016, 16, 229-241.	3.0	64
10	A Photoluminescent Cd(II) Coordination Polymer with Potential Active Sites Exhibiting Multiresponsive Fluorescence Sensing for Trace Amounts of NACs and Fe ³⁺ and Al ³⁺ Ions. <i>Inorganic Chemistry</i> , 2021, 60, 4945-4956.	4.0	58
11	Synthesis and characterization of metal complexes with a mixed 4-imidazole-containing ligand and a variety of multi-carboxylic acids. <i>CrystEngComm</i> , 2010, 12, 3091.	2.6	51
12	Metal-organic frameworks with six- and four-fold interpenetration and their photoluminescence and adsorption property. <i>CrystEngComm</i> , 2009, 11, 2728.	2.6	50
13	Synthesis and Characterization of Metal Complexes with Mixed 4-Imidazole-Containing Tripodal Ligand and Varied Dicarboxylic Acid. <i>Crystal Growth and Design</i> , 2012, 12, 2315-2326.	3.0	50
14	Entangled Coordination Frameworks with 1,4-Di(1H-imidazol-4-yl)benzene. <i>Crystal Growth and Design</i> , 2011, 11, 1082-1090.	3.0	48
15	Zinc(ii) and cadmium(ii) metal-organic frameworks with 4-imidazole containing tripodal ligand: sorption and anion exchange properties. <i>Dalton Transactions</i> , 2014, 43, 6012.	3.3	47
16	Effect of Synergistic Interplay between Surface Charge, Crystalline Defects, and Pore Volume of MIL-100(Fe) on Adsorption of Aqueous Organic Dyes. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 2113-2122.	3.7	44
17	Three-dimensional lanthanide-silver heterometallic coordination polymers: syntheses, structures and properties. <i>CrystEngComm</i> , 2010, 12, 3267.	2.6	42
18	Cadmium(ii) and zinc(ii) complexes with rigid 1-(1H-imidazol-4-yl)-3-(4H-tetrazol-5-yl)benzene and varied carboxylate ligands. <i>CrystEngComm</i> , 2013, 15, 5713.	2.6	37

#	ARTICLE	IF	CITATIONS
19	A Series of Metal-Organic Frameworks: Syntheses, Structures and Luminescent Detection, Gas Adsorption, Magnetic Properties. <i>Crystal Growth and Design</i> , 2021, 21, 869-885.	3.0	36
20	Metal-organic frameworks with pyridyl- and carboxylate-containing ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2010, 12, 1935.	2.6	34
21	High-performance liquid chromatography with fluorescence detection for the determination of nitrofurans metabolites in pork muscle. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 2114-2122.	2.3	31
22	Synthesis of methionine methyl ester-modified coumarin as the fluorescent-colorimetric chemosensor for selective detection Cu ²⁺ with application in molecular logic gate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 216, 45-51.	3.9	30
23	A highly selective and reversible fluorescence "OFF-ON-OFF" chemosensor for Hg ²⁺ based on rhodamine-6G dyes derivative and its application as a molecular logic gate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 202, 252-259.	3.9	25
24	A Fluorescent and Colorimetric Chemosensor for Hg ²⁺ Based on Rhodamine 6G With a Two-Step Reaction Mechanism. <i>Frontiers in Chemistry</i> , 2020, 8, 14.	3.6	21
25	Long-Wavelength Fluorescent Chemosensors for Hg ²⁺ based on Pyrene. <i>ACS Omega</i> , 2019, 4, 14621-14625.	3.5	20
26	Series of Cadmium(II) Coordination Polymers Based on a Versatile Multi-N-Donor Tecton or Mixed Carboxylate Ligands: Synthesis, Structure, and Selectively Sensing Property. <i>ACS Omega</i> , 2019, 4, 11540-11553.	3.5	19
27	Using Smartphone APP To Determine the CN ⁻ Concentration Quantitatively in Tap Water: Synthesis of the Naked-Eye Colorimetric Chemosensor for CN ⁻ and Ni ²⁺ Based on Benzothiazole. <i>ACS Omega</i> , 2020, 5, 2488-2494.	3.5	15
28	Four new transition metal coordination polymers based on mixed 4-imidazole and carboxylate-sulfonate ligands: Syntheses, structures, and properties. <i>Journal of Solid State Chemistry</i> , 2019, 277, 510-518.	2.9	13
29	Syntheses, crystal structures, and properties of four complexes based on polycarboxylate and imidazole ligands. <i>Journal of Solid State Chemistry</i> , 2015, 228, 199-207.	2.9	12
30	Metal(II) Coordination Polymers Derived from Mixed 4-Imidazole Ligands and Carboxylates: Syntheses, Topological Structures, and Properties. <i>Polymers</i> , 2018, 10, 622.	4.5	11
31	Syntheses, crystal structures, and properties of four coordination polymers based on mixed multi-N donor and polycarboxylate ligands. <i>Journal of Solid State Chemistry</i> , 2018, 258, 792-799.	2.9	10
32	Syntheses and crystal structures of two supramolecular isomers of manganese(II) with 3,5-bis(isonicotinamido)benzoate. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2421-2428.	2.2	7
33	Two Interpenetrated Zn(II) Coordination Polymers: Synthesis, Topological Structures, and Property. <i>Crystals</i> , 2019, 9, 601.	2.2	7
34	Coordination Assemblies of Zn(II) Coordination Polymers: Positional Isomeric Effect and Optical Properties. <i>Crystals</i> , 2019, 9, 664.	2.2	6
35	Synthesis, Crystal Structures, and Properties of Two Coordination Polymers Built from Imidazolyl and Carboxylate Ligands. <i>Crystals</i> , 2017, 7, 73.	2.2	5
36	Synthesis, Crystal Structure, and Properties of a Zn(II) Coordination Polymer Based on a Difunctional Ligand Containing Triazolyl and Carboxyl Groups. <i>Crystals</i> , 2018, 8, 424.	2.2	3

#	ARTICLE	IF	CITATIONS
37	A Highly Selective Fluorescent Probe for Zn ²⁺ Based on a Rhodamine-6G dye Derivative Modified by a Furan Unit. <i>Journal of Chemical Research</i> , 2018, 42, 194-197.	1.3	2
38	Four Complexes with the Rigid Ligand 1,4-bis(1H-imidazol-4-yl)benzene and Varied Carboxylate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1808-1814.	1.2	1
39	Synthesis, Crystal Structures, and Photoluminescent Properties of Two Supramolecular Architectures Based on Difunctional Ligands Containing Imidazolyl and Carboxyl Groups. <i>Crystals</i> , 2017, 7, 228.	2.2	1
40	Synthesis, Crystal Structures, and Properties of a New Supramolecular Polymer Based on Mixed Imidazole and Carboxylate Ligands. <i>Crystals</i> , 2017, 7, 210.	2.2	0
41	Crystal structure of <i>catena</i> -poly[<i>diaqua-bis</i> ($\frac{1}{4}$ -5-(3-(1H-imidazol-5-yl)phenyl)tetrazol-2-ido)] \cdot 2H ₂ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 1029-1030.	0.3	0
42	A Cd(II) Coordination Polymer Based on Mixed Ligands: Synthesis, Crystal Structure, and Properties. <i>Crystals</i> , 2019, 9, 625.	2.2	0