

Zhi Su

List of Publications by Year in descending order

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79
papers

2,936
citations

172386

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175177

52
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all docs

79
docs citations

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times ranked

2405
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependent selective gas sorption of the microporous metal-imidazolate framework [Cu(L)] [$H_{2L} = 1,4\text{-di}(1H\text{-imidazol-4-yl})\text{benzene}$]. <i>Chemical Communications</i> , 2011, 47, 752-754.	2.2	162
2	Interpenetrating and Self-Penetrating Zinc(II) Complexes with Rigid Tripodal Imidazole-Containing Ligand and Benzenedicarboxylate. <i>Crystal Growth and Design</i> , 2010, 10, 1911-1922.	1.4	152
3	Ligand-Directed and pH-Controlled Assembly of Chiral 3d [~] 3d Heterometallic Metal [~] Organic Frameworks. <i>Crystal Growth and Design</i> , 2010, 10, 3515-3521.	1.4	137
4	Synthesis, Crystal Structure, and Photoluminescence of Coordination Polymers with Mixed Ligands and Diverse Topologies. <i>Crystal Growth and Design</i> , 2009, 9, 2801-2811.	1.4	133
5	pH Dependent Structural Diversity of Metal Complexes with 5-(4- <i>H</i> -1,2,4-Triazol-4-yl)benzene-1,3-dicarboxylic Acid. <i>Crystal Growth and Design</i> , 2011, 11, 1901-1912.	1.4	127
6	Reversible Single-Crystal-to-Single-Crystal Transformation and Highly Selective Adsorption Property of Three-Dimensional Cobalt(II) Frameworks. <i>Inorganic Chemistry</i> , 2011, 50, 985-991.	1.9	124
7	Synthesis, Crystal Structure, and Photoluminescence of a Series of Zinc(II) Coordination Polymers with 1,4-Di(1- <i>H</i> -imidazol-4-yl)benzene and Varied Carboxylate Ligands. <i>Crystal Growth and Design</i> , 2010, 10, 812-822.	1.4	112
8	Novel Cobalt(II) Coordination Polymers Constructed from 3,3,4,4-Tetraoxygenated-Oxydiphthalic Acid and N-Donor Ligands: Syntheses, Crystal Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2011, 11, 3885-3894.	1.4	105
9	Syntheses, Characterization, and Properties of Three-Dimensional Pillared Frameworks with Entanglement. <i>Crystal Growth and Design</i> , 2011, 11, 1159-1169.	1.4	84
10	Imaging Dynamic Peroxynitrite Fluxes in Epileptic Brains with a Near-Infrared Fluorescent Probe. <i>Advanced Science</i> , 2019, 6, 1900341.	5.6	83
11	Synthesis, Structures, and Properties of Zinc(II) and Cadmium(II) Complexes with 1,2,4,5-Tetrakis(imidazol-1-ylmethyl)benzene and Multicarboxylate Ligands. <i>Crystal Growth and Design</i> , 2010, 10, 2553-2562.	1.4	80
12	Shock Wave Chemistry in a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2017, 139, 4619-4622.	6.6	80
13	Bond breakage under pressure in a metal organic framework. <i>Chemical Science</i> , 2017, 8, 8004-8011.	3.7	77
14	Highly Connected Three-Dimensional Metal-Organic Frameworks Based on Polynuclear Secondary Building Units. <i>Crystal Growth and Design</i> , 2010, 10, 3675-3684.	1.4	73
15	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.	1.3	72
16	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.	1.3	70
17	Compression-Induced Deformation of Individual Metal-Organic Framework Microcrystals. <i>Journal of the American Chemical Society</i> , 2015, 137, 1750-1753.	6.6	66
18	Facile fabrication of a hierarchical NiCoFeP hollow nanoprism for efficient oxygen evolution in the Zn-air battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24964-24972.	5.2	65

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19	Synthesis and Characterization of 3d-3d Homo- and Heterometallic Coordination Polymers with Mixed Ligands. <i>Crystal Growth and Design</i> , 2009, 9, 5190-5196.	1.4	61
20	Synthesis, structure and property of cobalt(II) complexes with 3,5-di(1H-imidazol-1-yl)benzoic acid. <i>CrystEngComm</i> , 2009, 11, 873.	1.3	55
21	Energy Storage during Compression of Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 4667-4670.	6.6	53
22	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.	1.3	51
23	Metal-organic frameworks with six- and four-fold interpenetration and their photoluminescence and adsorption property. <i>CrystEngComm</i> , 2009, 11, 2728.	1.3	50
24	Anion- and auxiliary ligand-directed synthesis of cadmium(II) complexes with 3,5-di(1H-imidazol-1-yl)benzoate. <i>CrystEngComm</i> , 2011, 13, 1539-1549.	1.3	44
25	Three-dimensional lanthanide-silver heterometallic coordination polymers: syntheses, structures and properties. <i>CrystEngComm</i> , 2010, 12, 3267.	1.3	42
26	A nitrogen-doped NiCo ₂ S ₄ /CoO hollow multi-layered heterostructure microsphere for efficient oxygen evolution in Zn-air batteries. <i>Nanoscale</i> , 2021, 13, 810-818.	2.8	38
27	Metal-organic frameworks with pyridyl- and carboxylate-containing ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2010, 12, 1935.	1.3	34
28	Metal-Organic Framework-Derived Fe-Doped Co _{1.11} Te ₂ Embedded in Nitrogen-Doped Carbon Nanotube for Water Splitting. <i>ChemSusChem</i> , 2020, 13, 5239-5247.	3.6	34
29	Using bio-orthogonally catalyzed lethality strategy to generate mitochondria-targeting anti-tumor metallodrugs <i>in vitro</i> and <i>in vivo</i> . <i>National Science Review</i> , 2021, 8, nwaa286.	4.6	30
30	Unprecedented three-dimensional 10-connected bct nets based on trinuclear secondary building units and their magnetic behavior. <i>CrystEngComm</i> , 2010, 12, 4339.	1.3	29
31	pH-dependent self-assembly of copper(II) complexes with a new imidazole-containing polyamine ligand: Synthesis, structure and magnetic property. <i>Polyhedron</i> , 2008, 27, 2672-2680.	1.0	27
32	Imidazolate-bridged dicopper(II) and copper(II)-zinc(II) complexes of macrocyclic ligand with methylimidazol pendants: Model study of copper(II)-zinc(II) superoxide dismutase. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1156-1161.	1.5	24
33	A lysosome-targeted ruthenium(II) polypyridyl complex as photodynamic anticancer agent. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111132.	1.5	24
34	New metal complexes with 5-(1H-imidazol-4-ylmethyl)aminoisophthalic acid: Syntheses, structures, electrochemistry and electrocatalysis. <i>Inorganica Chimica Acta</i> , 2009, 362, 4002-4008.	1.2	23
35	Three-dimensional fourfold interpenetrated (10,3)-b nickel(II) framework with 5-(isonicotinamido)isophthalate. <i>Inorganic Chemistry Communication</i> , 2009, 12, 530-533.	1.8	23
36	Metal-organic frameworks with oxazoline-containing tripodal ligand: structure changes via reaction medium and metal-to-ligand ratio. <i>CrystEngComm</i> , 2010, 12, 4328.	1.3	23

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37	Counteranion-directed assembly of zinc(II) coordination polymers with 1,3,5-tris(1-imidazolyl)benzene. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1278-1280.	1.8	19
38	Bioactive ruthenium(II)-arene complexes containing modified 18 β -glycyrrhetic acid ligands. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 194-199.	1.5	19
39	Synthesis, Crystal Structure and Photoluminescent Property of Metal-Organic Frameworks with Mixed Carboxylate and Imidazole-Containing Ligands. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2016-2022.	2.6	18
40	Hydrogen sulfide triggered molecular agent for imaging and cancer therapy. <i>Chemical Communications</i> , 2021, 57, 1931-1934.	2.2	18
41	Photoactivated Osmium Arene Anticancer Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 17450-17461.	1.9	18
42	Syntheses and characterization of inorganic-organic hybrids with 4-(isonicotinamido)phthalate and some divalent metal centers. <i>Polyhedron</i> , 2010, 29, 2454-2461.	1.0	17
43	Homochiral ferroelectric three-dimensional cadmium(II) frameworks from racemic camphoric acid and 3,5-di(imidazol-1-yl)benzoic acid. <i>Inorganic Chemistry Communication</i> , 2012, 15, 317-320.	1.8	17
44	Facile formation of Fe-doped NiCoP hollow nanocages as bifunctional electrocatalysts for overall water splitting. <i>CrystEngComm</i> , 2021, 23, 3861-3869.	1.3	17
45	Synthesis, structure and fluorescence of novel cadmium(II) and silver(I) complexes with in situ ligand formation of 1-(5-tetrazolyl)-4-(imidazol-1-ylmethyl)benzene. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1417-1423.	1.4	16
46	Rigid dinuclear ruthenium-arene complexes showing strong DNA interactions. <i>Journal of Inorganic Biochemistry</i> , 2018, 189, 30-39.	1.5	16
47	A New Strategy to Fight Metallo-drug Resistance: Mitochondria-Relevant Treatment through Mitophagy to Inhibit Metabolic Adaptations of Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	16
48	Synthesis, structure and property of manganese(II) complexes with mixed tetradentate imidazole-containing ligand and benzenedicarboxylate. <i>Inorganica Chimica Acta</i> , 2010, 363, 3550-3557.	1.2	14
49	Enhanced Catalytic Performance for Oxygen Reduction Reaction Derived from Nitrogen-Rich Tetrazolate-Based Heterometallic Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2019, 19, 2991-2999.	1.4	14
50	Fighting metallo-drug resistance through alteration of drug metabolism and blockage of autophagic flux by mitochondria-targeting AIEgens. <i>Chemical Science</i> , 2022, 13, 1428-1439.	3.7	14
51	Syntheses, structures and properties of novel d10 coordination polymers based on 4-[(1H-imidazol-4-yl)methylamino]benzoic acid ligand. <i>Inorganic Chemistry Communication</i> , 2009, 12, 58-61.	1.8	13
52	Novel two-fold interpenetrated Zn-based metal-organic framework with triple-stranded right- and left-handed helical chains. <i>Inorganic Chemistry Communication</i> , 2013, 27, 18-21.	1.8	13
53	Unveiling the anti-cancer mechanism for half-sandwich and cyclometalated Ir(III)-based complexes with functionalized \pm -lipoic acid. <i>RSC Advances</i> , 2020, 10, 5392-5398.	1.7	13
54	Unprecedented cadmium(II) complex with (4,4'-) net topology and in situ ligand synthesis. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1227-1230.	1.8	12

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55	Efficient MO Dye Degradation Catalyst of Cu(I)-Based Coordination Complex from Dissolution-Recrystallization Structural Transformation. <i>Crystal Growth and Design</i> , 2021, 21, 333-343.	1.4	12
56	Mitochondria-targeted Pt(IV) prodrugs conjugated with an aggregation-induced emission luminogen against breast cancer cells by dual modulation of apoptosis and autophagy inhibition. <i>Journal of Inorganic Biochemistry</i> , 2022, 226, 111653.	1.5	12
57	Syntheses, structures and photoluminescence properties of cadmium(II) and zinc(II) complexes with pyridinylcarboxamide-containing ligand. <i>Inorganica Chimica Acta</i> , 2011, 377, 138-143.	1.2	11
58	A Rhodium-Based Rh(III) Arene Complex with Anti-Tumor Cell Proliferative Activity Inhibits RNA Demethylase FTO. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1156-1164.	2.6	11
59	Oxidation of 10-undecenoic acid by cytochrome P450BM-3 and its Compound I transient. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7427.	1.5	10
60	Rate-Controlling Isomerizations in Fatty Acid Oxidations by a Cytochrome P450 Compound I. <i>Chemistry - A European Journal</i> , 2012, 18, 2472-2476.	1.7	10
61	Biotinylated curcumin as a novel chemosensitizer enhances naphthalimide-induced autophagic cell death in breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 114029.	2.6	10
62	Rates of Fatty Acid Oxidations by P450 Compound I are pH Dependent. <i>ChemBioChem</i> , 2012, 13, 2061-2064.	1.3	9
63	Anion and Additive Effects on the Structure of Mercury(II) Halides Complexes with Tripodal Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2695-2700.	0.6	8
64	Syntheses, crystal structures and properties of three novel coordination polymers with tripodal imidazole-containing ligands and benzenetetracarboxylate. <i>Science China Chemistry</i> , 2010, 53, 2164-2169.	4.2	8
65	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.	0.8	7
66	Syntheses, crystal structures and properties of silver(I) and copper(II) complexes with an oxazoline-containing tetradentate ligand. <i>New Journal of Chemistry</i> , 2010, 34, 2436.	1.4	7
67	Two-dimensional Mn(II) and Cd(II) networks with tetrazole-containing ligand and their properties. <i>Inorganic Chemistry Communication</i> , 2013, 36, 59-62.	1.8	7
68	Coordination-Bond-Driven Dissolution-Recrystallization Structural Transformation with the Expansion of Cuprous Halide Aggregate. <i>Inorganic Chemistry</i> , 2020, 59, 13326-13334.	1.9	7
69	Hollow porous nanocuboids cobalt-based metal-organic frameworks with coordination defects as anode for enhanced lithium storage. <i>Journal of Materials Science</i> , 2021, 56, 17178-17190.	1.7	7
70	Syntheses, structures, and properties of lead(II) and nickel(II) complexes with 3,5-di(1H-imidazol-1-yl)benzoate. <i>Journal of Coordination Chemistry</i> , 2011, 64, 170-178.	0.8	6
71	Three-dimensional 3d-4f heterometallic coordination polymers: syntheses, structures and properties. <i>Supramolecular Chemistry</i> , 2011, 23, 117-124.	1.5	6
72	A highly ruffled distorted nickel-imidazolylporphyrin framework with 1D open nano-sized channels. <i>Inorganic Chemistry Communication</i> , 2019, 104, 14-18.	1.8	6

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73	Tetrazolate-Based Cadmium(II) Fluorescent Metal-Organic Frameworks for Iron(III) Sensing and Methylene Blue (MB) Capture. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 5066-5072.	1.0	6
74	Cytochrome P450 119 Compounds Formed by Chemical Oxidation and Photooxidation Are the Same Species. <i>Chemistry - A European Journal</i> , 2019, 25, 14015-14020.	1.7	6
75	Dual Mitochondria- and DNA-Targeting Coumarin-Pt(IV) Prodrug for the Enhancement of Anticancer Performance. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	1.0	6
76	Modification of surface electronic structure via Ru-doping: Porous Ru-CoFeP nanocubes to boost the oxygen evolution reaction. <i>Journal of Power Sources</i> , 2022, 537, 231506.	4.0	5
77	A novel strategy to construct Janus metallamacrocycles with both a Ru-arene face and an imidazolium face. <i>Dalton Transactions</i> , 2017, 46, 16205-16215.	1.6	4
78	Rigidity controlled structures of Zn(II)-based coordination complexes: Synthesis and photophysical property study. <i>Journal of Molecular Structure</i> , 2021, 1228, 129754.	1.8	2
79	A New Strategy to Fight Metallo-drug Resistance: Mitochondria-Relevant Treatment through Mitophagy to Inhibit Metabolic Adaptations of Cancer Cells. <i>Angewandte Chemie</i> , 0, , .	1.6	2