Qi Liu

List of Publications by Year in descending order

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63	2,519	304743 22	197818 49
papers	citations	h-index	g-index

64	64	64	3501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aqueous zinc batteries using N-containing organic cathodes with Zn2+ and H+ Co-uptake. Chemical Engineering Journal, 2022, 431, 134253.	12.7	37
2	Realizing high-rate aqueous zinc-ion batteries using organic cathode materials containing electron-withdrawing groups. Sustainable Energy and Fuels, 2022, 6, 2523-2531.	4.9	21
3	Achieving high-performance aqueous Zn-ion hybrid supercapacitors by utilizing zinc-based MOF-derived N-doped carbon. Ionics, 2022, 28, 3477-3488.	2.4	5
4	Metal-to-Ligand Ratio Controlled Assembly of Two Ni(II) Complexes: Structures, Luminescent and Electrochemical Properties. Journal of Chemical Crystallography, 2021, 51, 265-272.	1.1	0
5	A Cu4 cluster-based MOF as a supercapacitor electrode material with ultrahigh capacitance. Ionics, 2021, 27, 1699-1707.	2.4	14
6	A Copper-Based Polycarbonyl Coordination Polymer as a Cathode for Li Ion Batteries. Crystal Growth and Design, 2021, 21, 3668-3676.	3.0	14
7	Highly efficient Cu(<scp>ii</scp>)-pyrazoledicarboxylate heterogeneous catalysts for a base-free aerobic oxidation of benzylic alcohol to benzaldehyde with hydrogen peroxide as the oxidant. Dalton Transactions, 2020, 49, 7758-7765.	3.3	10
8	A three-dimensional Co5-cluster-based MOF as a high-performance electrode material for supercapacitor. Ionics, 2020, 26, 5189-5197.	2.4	19
9	An insoluble naphthalenediimide derivative as a highly stable cathode material for lithium-ion batteries. Materials Chemistry and Physics, 2019, 236, 121815.	4.0	13
10	A Manganese-Based Coordination Polymer Containing No Solvent as a High Performance Anode in Li-Ion Batteries. Crystal Growth and Design, 2019, 19, 6503-6510.	3.0	19
11	Aqueous Li-ion battery enabled by halogen conversionâ€“intercalation chemistry in graphite. Nature, 2019, 569, 245-250.	27.8	590
12	Graphene oxide linked with N, Nâ€²-diamino-1,4,5,8-naphthalenetetracarboxylic bisimide as a stable cathode material for lithium-ion batteries. Ionics, 2019, 25, 2987-2995.	2.4	11
13	Functionalization of graphene oxide with naphthalenediimide diamine for high-performance cathode materials of lithium-ion batteries. Sustainable Energy and Fuels, 2018, 2, 803-810.	4.9	23
14	A Three-Dimensional Copper Coordination Polymer Constructed by 3-Methyl-1H-pyrazole-4-carboxylic Acid with Higher Capacitance for Supercapacitors. Crystal Growth and Design, 2018, 18, 280-285.	3.0	36
15	2D Coordination Polymer Derived Co3O4Nanocrystals as High Performance Anode Material of Lithium-Ion Batteries. Nano, 2018, 13, 1850139.	1.0	5
16	Synthesis and Structural Diversity of Main Group Metal Coordination Complexes Constructed from Vâ€Shape Bis(3â€methylâ€1Hâ€pyrazoleâ€4â€carboxylic acid)alkane Ligands. ChemistrySelect, 2018, 3, 4811-4817.	1.5	3
17	Nickel metal-organic framework nanoparticles as electrode materials for Li-ion batteries and supercapacitors. Journal of Solid State Electrochemistry, 2017, 21, 2415-2423.	2.5	54
18	Synthesis and structural diversity of d¹⁰ metal coordination polymers constructed from new semi-rigid bis(3-methyl-1H-pyrazole-4-carboxylic acid)alkane ligands. New Journal of Chemistry, 2017, 41, 5151-5160.	2.8	15

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19	Layered manganese-based metalâ€“organic framework as a high capacity electrode material for supercapacitors. RSC Advances, 2017, 7, 29611-29617.	3.6	71
20	One-Dimensional Zinc-Based Coordination Polymer as a Higher Capacity Anode Material for Lithium Ion Batteries. Inorganic Chemistry, 2017, 56, 11603-11609.	4.0	47
21	Nanoscale zinc-based metal-organic framework with high capacity for lithium-ion batteries. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	23
22	Three metal complexes derived from 3-methyl-1H-pyrazole-4-carboxylic acid: synthesis, crystal structures, luminescence and electrocatalytic properties. RSC Advances, 2016, 6, 52040-52047.	3.6	14
23	Effect of N ancillary ligands on the structure, nuclearity and magnetic behavior of Cu(<scp>ii</scp>)â€“pyrazolecarboxylate complexes. New Journal of Chemistry, 2016, 40, 10504-10511.	2.8	10
24	Synthesis of cobalt-based layered coordination polymer nanosheets and their application in lithium-ion batteries as anode materials. RSC Advances, 2016, 6, 4442-4447.	3.6	38
25	Cobalt-Based Layered Metalâ€“Organic Framework as an Ultrahigh Capacity Supercapacitor Electrode Material. ACS Applied Materials & Interfaces, 2016, 8, 4585-4591.	8.0	323
26	Lanthanide(III)-based coordination monomers and polymers of 3,4-pyrazoledicarboxylate: Extended synergy within the ligand, structures and magnetic properties. Inorganica Chimica Acta, 2015, 429, 22-29.	2.4	12
27	Ligand concentration-dependent supramolecular complexes with uncoordinated carbonyl groups based on a new pyrazole carboxylic acid ligand. Journal of Coordination Chemistry, 2015, 68, 1688-1704.	2.2	7
28	A copper-based layered coordination polymer: synthesis, magnetic properties and electrochemical performance in supercapacitors. Dalton Transactions, 2015, 44, 19175-19184.	3.3	78
29	Syntheses, Crystal Structures, Luminescence, and Magnetic Properties of Two Coordination Polymers Derived From Semirigid 1â€Carboxymethylâ€3, 5â€Dimethylâ€1Hâ€Pyrazoleâ€4â€Carboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 610-616.	1.2	5
30	Synthesis, Structure, Luminescent Property and Theoretical studies of 4-Chloro-2,6-Bis[(3,5-Dimethyl-1H-pyrazol-1-yl)methyl]phenol. Journal of Chemical Research, 2014, 38, 528-531.	1.3	0
31	Synthesis and drug-loading properties of folic acid-modified superparamagnetic Fe3O4 hollow microsphere core/mesoporous SiO2 shell composite particles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	11
32	Synthesis, crystal structures, and luminescent properties of Pb(II) and Sr(II) coordination polymers constructed by 5-methyl-1H-pyrazole-3-carboxylic acid. Journal of Coordination Chemistry, 2014, 67, 215-226.	2.2	23
33	Three transition metal complexes with uncoordinated carboxyl groups: synthesis, structures, and luminescence properties. Transition Metal Chemistry, 2014, 39, 559-566.	1.4	10
34	Hydrothermal synthesis of FeP4 and Fe2P-loaded Î±-Fe2O3 hollow spheres and applications in gas sensors. Sensors and Actuators B: Chemical, 2014, 194, 27-32.	7.8	6
35	Two cobalt(II) coordination polymers constructed from tetrafluoroterephthalate and hexamethylenetetramine ligands. Transition Metal Chemistry, 2013, 38, 385-392.	1.4	10
36	Graphene homogeneously anchored with Ni(OH)2 nanoparticles as advanced supercapacitor electrodes. CrystEngComm, 2013, 15, 10007.	2.6	99

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37	Manganese-Based Layered Coordination Polymer: Synthesis, Structural Characterization, Magnetic Property, and Electrochemical Performance in Lithium-Ion Batteries. Inorganic Chemistry, 2013, 52, 2817-2822.	4.0	188
38	Facile synthesis of reduced graphene oxide nanosheets by a sodium diphenylamine sulfonate reduction process and its electrochemical property. Materials Science and Engineering C, 2013, 33, 3811-3816.	7.3	22
39	Folic acid-functionalized magnetic ZnFe2O4 hollow microsphere core/mesoporous silica shell composite particles: Synthesis and application in drug release. Materials Science and Engineering C, 2013, 33, 2879-2884.	7.3	34
40	Two Metal Complexes Based on the Ligand 3, 4â€PyrazolediÂcarboxylic Acid: Synthesis, Structures, and Luminescent ÂProperties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 552-557.	1.2	13
41	Three trinuclear copper(II) complexes bridged by Î¼ 3- with different coordination modes. Journal of Coordination Chemistry, 2012, 65, 3949-3959.	2.2	8
42	Syntheses, crystal structures, and luminescence of two main-group metal complexes based on 3,4-pyrazoledicarboxylic acid. Journal of Coordination Chemistry, 2012, 65, 923-933.	2.2	31
43	Synthesis, Crystal Structures and Electrochemical Properties of Complexes [M(ImH)₄(tfbdc)(H₂O)] (M=Co, Ni). Chinese Journal of Chemistry, 2012, 30, 1045-1051.	4.9	8
44	Chemical-free synthesis of grapheneâ€“carbon nanotube hybrid materials for reversible lithium storage in lithium-ion batteries. Carbon, 2012, 50, 4557-4565.	10.3	106
45	Synthesis, morphology and optical properties of multi-pods Au/FeO(OH) and Au/Fe2O3 nanostructures. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 321-326.	3.5	4
46	Two coordinated-solvent directed zinc(II) coordination polymers with rare gra topological 3D framework and 1D zigzag chain. Inorganic Chemistry Communication, 2011, 14, 300-303.	3.9	28
47	Preparation and Photocatalytic Activity Research of Hollow Cubic TiO₂ Particles. Advanced Materials Research, 2011, 356-360, 558-564.	0.3	0
48	Highâ€yield Synthesis of Branched Gold Nanocrystals by a Sodium Diphenylamineâ€4â€Sulfonate Reduction Process in Polyethylene Glycol Aqueous Solution. Chinese Journal of Chemistry, 2010, 28, 537-542.	4.9	14
49	Three-dimensional supramolecular architecture in imidazolium hydrogen 2,3,5,6-tetrafluoroterephthalate. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, o179-o181.	0.4	3
50	Hydrothermal synthesis and magnetic properties of NiFe2O4 nanoparticles and nanorods. Journal of Materials Science, 2009, 44, 1187-1191.	3.7	38
51	Two rod-based 3-D lead(II) tetrafluoroterephthalate coordination frameworks with sra topology: Syntheses, structures, and properties. Inorganic Chemistry Communication, 2009, 12, 835-838.	3.9	26
52	Synthesis, crystal structure and magnetism of [Mn(tfbdc)(MeOH)4] (tfbdc =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (tetrafluorot	2.2	15
53	Hydrothermal synthesis of CoFe2O4 nanoplatelets and nanoparticles. Materials Chemistry and Physics, 2008, 108, 269-273.	4.0	60
54	Solvothermal synthesis of CoFe2O4 hollow spheres. Journal of Materials Science, 2007, 42, 10113-10117.	3.7	19

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55	Solution phase synthesis of CuO nanorods. Materials Chemistry and Physics, 2006, 98, 519-522.	4.0	60
56	Large-scale synthesis of single-crystalline CuO nanoplatelets by a hydrothermal process. Materials Research Bulletin, 2006, 41, 697-702.	5.2	62
57	Large-Scale Synthesis of Single Crystal Silver Nanowires by a Sodium Diphenylamine Sulfonate Reduction Process. Journal of Nanoscience and Nanotechnology, 2006, 6, 231-234.	0.9	10
58	High yield synthesis of PbS nanocubes using one-step solid-state reaction in the presence of an anionic surfactant. Materials Chemistry and Physics, 2005, 89, 379-382.	4.0	22
59	Three-dimensional five-connected coordination polymer [M2(C3H2O4)2(H2O)2(Î¼2-hmt)]n with 4466 topologies (M=Zn, Cu; hmt=hexamethylenetetramine). Journal of Solid State Chemistry, 2004, 177, 4701-4705.	2.9	37
60	Synthesis, Crystal Structure and Magnetic Property of [Mn2(mal)2(H2O)2(Âµ2-hmt)] n : A Novel Three-Dimensional Network Self-Assembled by hmt (hmt = Hexamethylenetetramine and mal =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 53	2.2	12
61	Title is missing!. Transition Metal Chemistry, 2002, 27, 786-789.	1.4	15
62	Title is missing!. Transition Metal Chemistry, 2001, 26, 369-371.	1.4	8
63	Inorganicâ€“organic hybrids assembled by flexible multidentate linker: design, structure and luminescence. Transition Metal Chemistry, 0, , 1.	1.4	0