Yan-Qin Wang

List of Publications by Year
in descending order

57 papers	2,318 citations	172457 29 h-index	206112 48 g-index
58 all docs	58 docs citations	58 times ranked	1839 citing authors

#	Article	IF	Citations
1	Multicomponent TiO₂/Ag/Cu₇S₄@Se Heterostructures Constructed by an Interface Engineering Strategy for Promoting the Electrocatalytic Nitrogen Reduction Reaction Performance. Inorganic Chemistry, 2022, 61, 7165-7172.	4.0	7
2	Water-stable Cd(<scp>ii</scp>)/Zn(<scp>ii</scp>) coordination polymers as recyclable luminescent sensors for detecting hippuric acid in simulated urine for indexing toluene exposure with high selectivity, sensitivity and fast response. Dalton Transactions, 2021, 50, 553-561.	3.3	21
3	Interwoving polyaniline and a metal-organic framework grown in situ for enhanced supercapacitor behavior. Journal of Alloys and Compounds, 2021, 854, 157181.	5.5	45
4	A water stable Eu(<scp>iii</scp>)â€“organic framework as a recyclable multi-responsive luminescent sensor for efficient detection of p-aminophenol in simulated urine, and Mn^{VII} and Cr^{VI} anions in aqueous solutions. Dalton Transactions, 2021, 50, 5236-5243.	3.3	27
5	Enhanced electrocatalytic nitrogen reduction reaction performance by interfacial engineering of MOF-based sulfides FeNi2S4/NiS hetero-interface. Applied Catalysis B: Environmental, 2021, 287, 119956.	20.2	75
6	High-efficient and durable overall water splitting performance by interfacial engineering of Fe-doped urchin-like Ni2P/Ni3S2 heterostructure. Chemical Engineering Journal, 2021, 424, 130434.	12.7	49
7	Two new coordination polymers constructed by two viologen-derived ligands: Structure and photochromism. Journal of Molecular Structure, 2020, 1221, 128782.	3.6	11
8	A white-light-emitting lanthanide metalâ€“organic framework for luminescence turn-off sensing of MnO₄^{â^'} and turn-on sensing of folic acid and construction of a â€œturn-on plusâ€•system. New Journal of Chemistry, 2020, 44, 10239-10249.	2.8	24
9	Eu(III)-organic framework as a multi-responsive photoluminescence sensor for efficient detection of 1-naphthol, Fe3+ and MnO4â^' in water. Inorganica Chimica Acta, 2020, 511, 119843.	2.4	16
10	A new cobalt coordination framework based on trinuclear Co(II)-tetrazolate bridges and a terpyridine tetrazolate ligand: Synthesis and magnetism. Inorganic Chemistry Communication, 2019, 107, 107465.	3.9	5
11	Zinc(<scp>ii</scp>)â€“organic framework as a multi-responsive photoluminescence sensor for efficient and recyclable detection of pesticide 2,6-dichloro-4-nitroaniline, Fe(<scp>iii</scp>) and Cr(<scp>vi</scp>). New Journal of Chemistry, 2019, 43, 2353-2361.	2.8	113
12	A metalâ€“organic framework constructed by a viologen-derived ligand: photochromism and discernible detection of volatile amine vapors. New Journal of Chemistry, 2019, 43, 9032-9038.	2.8	27
13	An unusual homospin Co^{II} ferrimagnetic single-chain magnet with large hysteresis. CrystEngComm, 2019, 21, 6958-6963.	2.6	3
14	Mixed metal CoII1â^'xZnIIxâ€“organic frameworks based on chains with mixed carboxylate and azide bridges: magnetic coupling and slow relaxation. RSC Advances, 2018, 8, 22046-22052.	3.6	3
15	3D Ln^{III}-MOFs: slow magnetic relaxation and highly sensitive luminescence detection of Fe³⁺ and ketones. Dalton Transactions, 2018, 47, 8972-8982.	3.3	56
16	Five new 2D and 3D coordination polymers based on two new multifunctional pyridylâ€“tricarboxylate ligands: hydrothermal syntheses, structural diversity, luminescent and magnetic properties. RSC Advances, 2017, 7, 19039-19049.	3.6	20
17	An ultrastable zinc(<scp>ii</scp>)â€“organic framework as a recyclable multi-responsive luminescent sensor for Cr(<scp>iii</scp>), Cr(<scp>vi</scp>) and 4-nitrophenol in the aqueous phase with high selectivity and sensitivity. Journal of Materials Chemistry A, 2017, 5, 20035-20043.	10.3	215
18	Effects of Metal Blending in Random Bimetallic Singleâ€Chain Magnets: Synergetic, Antagonistic, or Innocent. Chemistry - A European Journal, 2017, 23, 896-904.	3.3	25

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19	Novel manganese(<scp>ii</scp>) and cobalt(<scp>ii</scp>) 2D polymers containing alternating chains with mixed azide and carboxylate bridges: crystal structure and magnetic properties. RSC Advances, 2016, 6, 72326-72332.	3.6	11
20	A gadolinium MOF acting as a multi-responsive and highly selective luminescent sensor for detecting o-, m-, and p-nitrophenol and Fe³⁺ ions in the aqueous phase. RSC Advances, 2016, 6, 61725-61731.	3.6	70
21	Two new carboxylateâ€“oxygen bridged trinuclear M(II) (MMn and Co) compounds with zwitterionic dicarboxylate ligands: crystal structures and magnetism. Inorganic Chemistry Communication, 2015, 58, 67-70.	3.9	10
22	A luminescent europium MOF containing Lewis basic pyridyl site for highly selective sensing of o-, m- and p-nitrophenol. RSC Advances, 2015, 5, 86614-86619.	3.6	39
23	cis-Triaqua[1,1â€²-(propane-1,3-diyl)bis(pyridin-1-ium-4-carboxylato)-ÎºO]bis(thiocyanato-ÎºN)manganese(II) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m42-m42.	0.2	0
24	Two novel tetranuclear zinc(II) clusters with different topological structures: Crystal structures and luminescence properties. Inorganic Chemistry Communication, 2014, 40, 190-193.	3.9	4
25	Topological ferrimagnetic behaviours of coordination polymers containing manganese(<scp>ii</scp>) chains with mixed azide and carboxylate bridges and alternating F/AF/AFâ€²/AFâ€²/AF interactions. Dalton Transactions, 2014, 43, 11819.	3.3	18
26	A new cobalt coordination polymer based on Co(II)-azide chains and a tetrapyridyl ligand: Synthesis, unprecedented topology and magnetism. Inorganic Chemistry Communication, 2014, 45, 101-104.	3.9	9
27	Unusual composition dependence of magnetic relaxation for CoII1âˆ’xNiIIx chain-based metalâ€“organic frameworks. Chemical Communications, 2013, 49, 6995.	4.1	46
28	Ferromagnetic interactions through double hydrogen bonding bridges in manganese(ii) coordination polymers. Dalton Transactions, 2013, 42, 4533.	3.3	12
29	Manganese(II), Iron(II), and Mixed-Metal Metalâ€“Organic Frameworks Based on Chains with Mixed Carboxylate and Azide Bridges: Magnetic Coupling and Slow Relaxation. Inorganic Chemistry, 2013, 52, 4259-4268.	4.0	63
30	Diverse manganese(ii) coordination polymers derived from achiral/chiral imidazolium-carboxylate zwitterions and azide: structure and magnetic properties. Dalton Transactions, 2013, 42, 10000.	3.3	36
31	Mixed azide and carboxylate bridged trinuclear Mn(ii) and Co(ii) motifs in coordination ladders: structures and magnetism. RSC Advances, 2012, 2, 10352.	3.6	13
32	Manganese(ii) coordination polymers with mixed azide and pyridylbenzoate N-oxide ligands: structures and magnetism. Dalton Transactions, 2012, 41, 2026-2033.	3.3	51
33	Entangled Metalâ€“Organic Frameworks of m-Phenylenediacrylate Modulated by Bis(pyridyl) Ligands. Crystal Growth and Design, 2012, 12, 2234-2241.	3.0	41
34	Novel three-dimensional framework based on Co(II)-azide chains and a tetrapyridyl ligand. Inorganic Chemistry Communication, 2012, 15, 8-11.	3.9	7
35	Cobalt(II) metamagnet built from ferromagnetic chains with mixed bis(azido)(carboxylate) bridges. Inorganic Chemistry Communication, 2012, 20, 46-49.	3.9	16
36	Manganese(ii)-carboxylate-pseudohalide systems derived from 1,4-bis(4-carboxylatopyridinium-1-methylene)benzene: structures and magnetism. Dalton Transactions, 2011, 40, 10966.	3.3	30

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37	Synthesis, Structures, and Magnetism of Copper(II) and Manganese(II) Coordination Polymers with Azide and Pyridylbenzoates. Inorganic Chemistry, 2011, 50, 7284-7294.	4.0	88
38	Magnetic Systems with Mixed Carboxylate and Azide Bridges: Slow Relaxation in Co(II) Metamagnet and Spin Frustration in Mn(II) Compound. Inorganic Chemistry, 2011, 50, 6314-6322.	4.0	78
39	Metamagnetism and slow magnetic dynamics in an antiferromagnet composed of cobalt(ii) chains with mixed azideâ€“carboxylate bridges. Chemical Communications, 2011, 47, 1815-1817.	4.1	107
40	Magnetic Ordering in Three-Dimensional Metalâ€“Organic Frameworks Based on Carboxylate Bridged Square-Grid Layers. Inorganic Chemistry, 2011, 50, 8144-8152.	4.0	46
41	Solvent-modulated slow magnetic relaxation in a two-dimensional compound composed of cobalt(ii) single-chain magnets. Chemical Communications, 2011, 47, 6386.	4.1	86
42	Isomorphous Co(ii) and Ni(ii) antiferromagnets based on mixed azide- and carboxylate-bridged chains: metamagnetism and single-chain dynamics. Dalton Transactions, 2011, 40, 12742.	3.3	33
43	Tricomponent Azide, Tetrazolate, and Carboxylate Cobridging Magnetic Systems: Ferromagnetic Coupling, Metamagnetism, and Singleâ€Chain Magnetism. Chemistry - A European Journal, 2011, 17, 13883-13891.	3.3	65
44	Chain Compounds Based on Tetranuclear Basic Copper(II) Carboxylate Clusters and Quadruple Zwitterionic Linkers: Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2010, 2010, 1249-1254.	2.0	27
45	Diverse Manganese(II) Coordination Polymers with Mixed Azide and Zwitterionic Dicarboxylate Ligands: Structure and Magnetic Properties. Inorganic Chemistry, 2010, 49, 1551-1560.	4.0	71
46	Solvent-modulated metamagnetism in a nickel(ii) coordination polymer with mixed azide and carboxylate bridges. Chemical Communications, 2009, , 4741.	4.1	96
47	Complex Longâ€Range Magnetic Ordering Behaviors in Anisotropic Cobalt(II)â€“Azide Multilayer Systems. Chemistry - A European Journal, 2009, 15, 1217-1226.	3.3	95
48	Nickel(II) and copper(II) coordination polymers with 1,2-bis(tetrazol-1-yl)ethane and thiocyanate: Structure, supramolecular isomerism and magnetism. Journal of Molecular Structure, 2009, 920, 459-465.	3.6	12
49	Synthesis, structure and properties of Nickel(II) and Cobalt(II) compounds with 1,5-dinitronaphthalene-3,7-dicarboxylate. Journal of Molecular Structure, 2009, 933, 8-14.	3.6	12
50	A neodymium coordination polymer with mixed m-phenylenediacrylate and formate bridges: Synthesis, unprecedented topology, and magnetism. Inorganic Chemistry Communication, 2009, 12, 426-429.	3.9	12
51	Unprecedented Self-Catenated Eight-Connected Network Based on Novel Azide-Bridged Tetramanganese(II) Clusters. Inorganic Chemistry, 2009, 48, 789-791.	4.0	50
52	Novel manganese(II) and cobalt(II) 3D polymers with mixed cyanate and carboxylate bridges: crystal structure and magnetic properties. Dalton Transactions, 2009, , 9854.	3.3	33
53	Tetraaquadiazidocobalt(II) 4,4â€²-dicarboxylato-1,1â€²-ethylenedipyridinium dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1682-m1682.	0.2	1
54	Synthesis, structure, and photoluminescence of a zinc(II) coordination polymer with 4-(tetrazol-5-yl)benzoate. Structural Chemistry, 2008, 19, 535-539.	2.0	12

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55	Supramolecular architectures based on transition metal complexes with 1-(3-pyridyl)-2-(4â€²-pyrimidyl)ethene. CrystEngComm, 2008, 10, 915.	2.6	12
56	Isomorphous CoII and MnII materials of tetrazolate-5-carboxylate with an unprecedented self-penetrating net and distinct magnetic behaviours. Chemical Communications, 2008, , 4894.	4.1	90
57	Coordination compounds of bis(5-tetrazolyl)amine with manganese(ii), zinc(ii) and cadmium(ii): synthesis, structure and magnetic properties. Dalton Transactions, 2008, , 4621.	3.3	44