

Wen Dong

List of Publications by Year in descending order

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37
papers

482
citations

623734

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752698

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512
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#	ARTICLE	IF	CITATIONS
1	Reversible crystal-to-crystal transformation from a trinuclear cluster to a 1D chain and the corresponding spin crossover (SCO) behaviour change. <i>Chemical Communications</i> , 2017, 53, 7820-7823.	4.1	35
2	Water molecule induced reversible single-crystal-to-single-crystal transformation between two trinuclear Fe(II) complexes with different spin crossover behaviour. <i>Dalton Transactions</i> , 2018, 47, 4307-4314.	3.3	33
3	Syntheses, structures and multi-photoluminescence images with confocal microscopy for three 5,5'-azotetrazolate(AZT) based Zn(II) and Ni(II) complexes. <i>Chemical Communications</i> , 2011, 47, 2402-2404.	4.1	31
4	Four Dinuclear and One-Dimensional-Chain Dysprosium and Terbium Complexes Based on 2-Hydroxy-3-methoxybenzoic Acid: Structures, Fluorescence, Single-Molecule-Magnet, and Ab Initio Investigation. <i>Inorganic Chemistry</i> , 2020, 59, 4414-4423.	4.0	29
5	Unusual $\pi\cdots\pi$ stacking interactions between 5,5'-azotetrazolate(AT) anions in six AT based 3d metal photochromic complexes. <i>CrystEngComm</i> , 2012, 14, 2779.	2.6	28
6	Structures, Single-Molecule Magnets, and Fluorescent Properties of Four Dinuclear Lanthanide Complexes Based on 4-Azotriazolyl-3-hydroxy-2-naphthoic Acid. <i>Inorganic Chemistry</i> , 2019, 58, 5914-5921.	4.0	28
7	Polynuclear Complexes of Macrocyclic Oxamide with Thiocyanate: Syntheses, Crystal Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2825-2834.	2.0	23
8	Syntheses, structures and properties of seven H ₂ BTA coordinating 3-D metallic complexes containing 0-, 1-, 2-, and 3-D frameworks (H ₂ BTA = bis(tetrazolyl)amine). <i>CrystEngComm</i> , 2009, 11, 329-336.	2.6	23
9	Unprecedented one-dimensional chain and two-dimensional network dysprosium(III) single-molecule toroids with white-light emission. <i>Chemical Communications</i> , 2020, 56, 2590-2593.	4.1	21
10	The syntheses, structures and azo-hydrazone tautomeric studies of three triazole/tetrazole azo dyes. <i>New Journal of Chemistry</i> , 2016, 40, 9370-9379.	2.8	20
11	Syntheses, structures and properties of 5-azotetrazolyl salicylic acid and its lanthanide complexes. <i>Dalton Transactions</i> , 2014, 43, 9090-9097.	3.3	18
12	Structures and properties of coordination polymers involving asymmetric biphenyl-3,2',5'-tricarboxylate. <i>CrystEngComm</i> , 2014, 16, 10006-10016.	2.6	16
13	Functionalization of Carbonyl Compounds via Photoredox Organocatalysis. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1491-1500.	4.9	16
14	Understanding the near-infrared fluorescence and field-induced single-molecule-magnetic properties of dinuclear and one-dimensional-chain ytterbium complexes based on 2-hydroxy-3-methoxybenzoic acid. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3136-3145.	6.0	15
15	Three 5,5'-azotetrazolate-based cadmium(II) and zinc(II) complexes: syntheses, structures and photochromic and cell imaging properties. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1700-1708.	2.2	14
16	A new salicylaldehyde-based azo dye and its two lanthanide(III) complexes displaying slow magnetic relaxation. <i>Dalton Transactions</i> , 2018, 47, 14975-14984.	3.3	13
17	Structure and magnetic properties of a dtm-bridged two-dimensional supramolecular complex $\{[\text{Fe}(\text{dtm})_2(\text{H}_2\text{O})_2](\text{ClO}_4)_2 \cdot 2\text{H}_2\text{O}\}_n$ (dtm = 4,4'-ditriazolemethane). <i>Transition Metal Chemistry</i> , 2006, 31, 1.4 801-804.	1.4	10
18	Synthesis, Structure, and Halochromic, Photochromic, and Thermochromism Properties of 5'-Azotriazolyl Salicylic Acid and Its Cd(II) Complex. <i>ChemPlusChem</i> , 2013, 78, 598-604.	2.8	10

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19	Fluorescence and magnetism of two novel isostructural Dy(III) and Tb(III) complexes based on 5-azotriazolyl salicylic acid ligand. <i>Inorganica Chimica Acta</i> , 2018, 469, 38-43.	2.4	10
20	Syntheses, structures, magnetism and electrocatalytic oxygen evolution for four cobalt, manganese and copper complexes with dinuclear, 1D and 3D structures. <i>Dalton Transactions</i> , 2019, 48, 3467-3475.	3.3	8
21	Syntheses, structural modulation, and slow magnetic relaxation of three dysprosium(III) complexes with mononuclear, dinuclear, and one-dimensional structures. <i>Dalton Transactions</i> , 2021, 50, 13728-13736.	3.3	8
22	Supramolecular Complexes Based on $[M(CN)_8]^{4-}$ ($M = Mo, W$) and Aliphatic Amine Cu^{II} Tectons. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 544-548.	1.2	7
23	Syntheses, structures, and fluorescent properties of three Zn(II) and Cu(II) complexes of different ligands derived from 3,6-bis(2-pyridyl)-1,2-dihydro-1,2,4,5-tetrazine. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3565-3575.	2.2	7
24	Structures of six photochromic 3d complexes containing 3,3'-azobis-1,2,4-triazole ligand. <i>CrystEngComm</i> , 2013, 15, 8529.	2.6	7
25	High temperature Fe^{III} spin crossover behaviours in three unprecedented $Fe^{II}M^{II}Fe^{III}$ ($M = Fe, Cd$) linear trinuclear complexes. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1526-1531.	6.0	7
26	Field-induced slow magnetic relaxation from linear trinuclear $Co^{III}Co^{II}Co^{III}$ to grid $[2 \times 2]$ tetranuclear mixed-valence cobalt complexes. <i>Dalton Transactions</i> , 2020, 49, 17017-17025.	3.3	6
27	A nitronyl nitroxide and its two 1D chain $Cu^{II}Tb$ complexes: synthesis, structures, and magnetic properties. <i>RSC Advances</i> , 2020, 10, 8490-8496.	3.6	6
28	Syntheses, structures and photochromic properties of two tetrazolylazo-based K^{+} and Cd^{2+} complexes. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3243-3251.	2.2	5
29	M^{2+} and Ln^{3+} -catalyzed synthesis of a [1,2,4]triazine core via intramolecular $C-H/N-H$ functionalization and $C-N$ bond formation ($M = Mn, Zn, Cd$; $Ln = Dy, Tb$). <i>New Journal of Chemistry</i> , 2015, 39, 1222-1227.	2.8	5
30	High temperature anionic Fe^{III} spin crossover behavior in a mixed-valence $Fe^{II}Fe^{III}$ complex. <i>Dalton Transactions</i> , 2021, 50, 5960-5967.	3.3	5
31	Synthesis, structure, photochromic, and fluorescent imaging properties of sodium-3,3'-azobis(1,2,4-triazole). <i>Journal of Coordination Chemistry</i> , 2012, 65, 4255-4262.	2.2	4
32	A family of 3d-4f Cu-Ln ladder-like complexes: Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2020, 180, 114435.	2.2	4
33	Synthesis and crystal structure of a three-dimensional 3d-4f heterometallic supramolecular complex $\{Eu(DMF)_4(H_2O)_2Cr(CN)_6 \cdot nH_2O\}_n$. <i>Journal of Coordination Chemistry</i> , 2008, 61, 997-1004.	2.2	3
34	Two 5-tetrazolylazo-8-hydroxyquinoline-based Zn(II) and Mn(II) complexes: syntheses, structures and optical properties. <i>Journal of Coordination Chemistry</i> , 2015, 68, 3945-3953.	2.2	3
35	Photoluminescence and labelling for microcrack bone of N-salicylidene-3-amino-1,2,4-triazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1982-1987.	3.9	2
36	In-situ nano-crystal-to-crystal transformation synthesis of energetic materials based on three 5,5'-azotetrazolate Cr(III) salts. <i>Scientific Reports</i> , 2016, 6, 37587.	3.3	1

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37	Syntheses, structures, electrochemical and optical properties of four transition metal complexes based on the 1-triazolyl-3-benzimidazolyltriazene ligand. RSC Advances, 2016, 6, 4969-4978.	3.6	1