

# Wen Dong

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High temperature anionic Fe( <sup>iii</sup> ) spin crossover behavior in a mixed-valence Fe( <sup>ii</sup> )/Fe( <sup>iii</sup> ) complex. Dalton Transactions, 2021, 50, 5960-5967.	3.3	5
2	Syntheses, structural modulation, and slow magnetic relaxation of three dysprosium(III) complexes with mononuclear, dinuclear, and one-dimensional structures. Dalton Transactions, 2021, 50, 13728-13736.	3.3	8
3	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. Inorganic Chemistry Frontiers, 2020, 7, 3136-3145.	6.0	15
4	Field-induced slow magnetic relaxation from linear trinuclear Co(II)–Co(II)–Co(III) to grid [2 Å–2] tetranuclear mixed-valence cobalt complexes. Dalton Transactions, 2020, 49, 17017-17025.	3.3	6
5	A nitronyl nitroxide and its two 1D chain Cu–Tb complexes: synthesis, structures, and magnetic properties. RSC Advances, 2020, 10, 8490-8496.	3.6	6
6	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. Inorganic Chemistry, 2020, 59, 4414-4423.	4.0	29
7	A family of 3d-4f Cu–Ln ladder-like complexes: Synthesis, structures and magnetic properties. Polyhedron, 2020, 180, 114435.	2.2	4
8	Unprecedented one-dimensional chain and two-dimensional network dysprosium( <sup>iii</sup> ) single-molecule toroids with white-light emission. Chemical Communications, 2020, 56, 2590-2593.	4.1	21
9	High temperature Fe( <sup>iii</sup> ) spin crossover behaviours in three unprecedented Fe <sup>III</sup> –M <sup>II</sup> –Fe <sup>III</sup> (M = Fe, Cd) linear trinuclear complexes. Inorganic Chemistry Frontiers, 2020, 7, 1526-1531.	6.0	7
10	Structures, Single-Molecule Magnets, and Fluorescent Properties of Four Dinuclear Lanthanide Complexes Based on 4-Azotriazolyl-3-hydroxy-2-naphthoic Acid. Inorganic Chemistry, 2019, 58, 5914-5921.	4.0	28
11	Syntheses, structures, magnetism and electrocatalytic oxygen evolution for four cobalt, manganese and copper complexes with dinuclear, 1D and 3D structures. Dalton Transactions, 2019, 48, 3467-3475.	3.3	8
12	Water molecule induced reversible single-crystal-to-single-crystal transformation between two trinuclear Fe( <sup>ii</sup> ) complexes with different spin crossover behaviour. Dalton Transactions, 2018, 47, 4307-4314.	3.3	33
13	Fluorescence and magnetism of two novel isostructural Dy(III) and Tb(III) complexes based on 5-azotriazolyl salicylic acid ligand. Inorganica Chimica Acta, 2018, 469, 38-43.	2.4	10
14	A new salicylaldehyde-based azo dye and its two lanthanide( <sup>iii</sup> ) complexes displaying slow magnetic relaxation. Dalton Transactions, 2018, 47, 14975-14984.	3.3	13
15	Reversible crystal-to-crystal transformation from a trinuclear cluster to a 1D chain and the corresponding spin crossover (SCO) behaviour change. Chemical Communications, 2017, 53, 7820-7823.	4.1	35
16	Functionalization of Carbonyl Compounds via Photoredox Organocatalysis. Chinese Journal of Chemistry, 2017, 35, 1491-1500.	4.9	16
17	In-situ nano-crystal-to-crystal transformation synthesis of energetic materials based on three 5,5-diazotetrazolate Cr(III) salts. Scientific Reports, 2016, 6, 37587.	3.3	1
18	The syntheses, structures and azo–hydrazone tautomeric studies of three triazole/tetrazole azo dyes. New Journal of Chemistry, 2016, 40, 9370-9379.	2.8	20

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19	Syntheses, structures, electrochemical and optical properties of four transition metal complexes based on the 1-triazolyl-3-benzimidazolyltriazene ligand. <i>RSC Advances</i> , 2016, 6, 4969-4978.	3.6	1
20	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
21	M <sup>2+</sup> and Ln <sup>3+</sup> -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
22	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
23	Syntheses, structures and photochromic properties of two tetrazolylazo-based K <sup>+</sup> and Cd <sup>2+</sup> complexes. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3243-3251.	2.2	5
24	Structures and properties of coordination polymers involving asymmetric biphenyl-3,2,5-tricarboxylate. <i>CrystEngComm</i> , 2014, 16, 10006-10016.	2.6	16
25	Syntheses, structures and properties of 5-azotetrazolyl salicylic acid and its dlanthanide complexes. <i>Dalton Transactions</i> , 2014, 43, 9090-9097.	3.3	18
26	Three 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
27	Structures of six photochromic 3d complexes containing 3-azobis-1,2,4-triazole ligand. <i>CrystEngComm</i> , 2013, 15, 8529.	2.6	7
28	Synthesis, Structure, and Photochromic and Thermochromism Properties of 5-Azotriazolyl Salicylic Acid and Its Cd <sup>II</sup> Complex. <i>ChemPlusChem</i> , 2013, 78, 598-604.	2.8	10
29	Synthesis, structure, photochromic, and fluorescent imaging properties of sodium-3-azobis(1,2,4-triazole). <i>Journal of Coordination Chemistry</i> , 2012, 65, 4255-4262.	2.2	4
30	Unusual $\pi$ - $\pi$ stacking interactions between 5-azotetrazolate(AT) anions in six AT based 3d metal photochromic complexes. <i>CrystEngComm</i> , 2012, 14, 2779.	2.6	28
31	Syntheses, structures and multi-photoluminescence images with confocal microscopy for three 5-azotetrazolate(AZT) based Zn(ii) and Ni(ii) complexes. <i>Chemical Communications</i> , 2011, 47, 2402-2404.	4.1	31
32	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
33	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
34	Supramolecular Complexes Based on [M(CN) <sub>8</sub> ] <sup>4-</sup> (M = Mo, W) and Aliphatic Amine Cu <sup>II</sup> Tectons. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 544-548.	1.2	7
35	Syntheses, structures and properties of seven H <sub>2</sub> BTA coordinating 3-D metallic complexes containing 0-, 1-, 2-, and 3-D frameworks (H <sub>2</sub> BTA = bis(tetrazolyl)amine). <i>CrystEngComm</i> , 2009, 11, 329-336.	2.6	23
36	Synthesis and crystal structure of a three-dimensional 3d-4f heterometallic supramolecular complex {Eu(DMF) <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> Cr(CN) <sub>6</sub> ·H <sub>2</sub> O} n. <i>Journal of Coordination Chemistry</i> , 2008, 61, 997-1004.	2.2	3

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37	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.		10