

Ji-Yong Zou

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Modulating single-molecule magnet behaviour of phenoxo-O bridged lanthanide(III) dinuclear complexes by using different I^2 -diketonate coligands. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 133-141.	6.0	139
2	Two luminescent lanthanide(III) metal-organic frameworks as chemosensors for high-efficiency recognition of $\text{Cr}(\text{VI})$ anions in aqueous solution. <i>Dalton Transactions</i> , 2018, 47, 15694-15702.	3.3	92
3	A $\text{Zn}(\text{II})$ Metal-Organic Framework as a Highly Selective Luminescence Probe for Acetylacetone Detection and Its Postsynthetic Cation Exchange. <i>Crystal Growth and Design</i> , 2018, 18, 3997-4003.	3.0	75
4	Sensitive luminescent probes of aniline, benzaldehyde and $\text{Cr}(\text{VI})$ based on a zinc(II) metal-organic framework and its lanthanide(III) post-functionalizations. <i>Dyes and Pigments</i> , 2018, 159, 429-438.	3.7	63
5	Tuning the luminescence of two $3\text{d}-4\text{f}$ metal-organic frameworks for the fast response and highly selective detection of aniline. <i>Dalton Transactions</i> , 2017, 46, 16432-16438.	3.3	60
6	Hydrothermal synthesis of $\text{BiVO}_4/\text{TiO}_2$ composites and their application for degradation of gaseous benzene under visible light irradiation. <i>Applied Surface Science</i> , 2018, 436, 319-326.	6.1	53
7	A dual luminescent chemosensor derived from a europium(III) metal-organic framework for quantitative detection of phosphate anions and acetylacetone in aqueous solution. <i>Dyes and Pigments</i> , 2020, 173, 108004.	3.7	44
8	An unusual water-bridged homospin $\text{Co}(\text{II})$ single-chain magnet. <i>Chemical Communications</i> , 2014, 50, 6340-6342.	4.1	42
9	Auxiliary ligand-assisted structural diversities of three metal-organic frameworks with potassium $1\text{H}-1,2,3$ -triazole-4,5-dicarboxylic acid: syntheses, crystal structures and luminescence properties. <i>CrystEngComm</i> , 2013, 15, 2682.	2.6	41
10	A homospin cobalt(II) topological ferrimagnet. <i>Chemical Communications</i> , 2013, 49, 8226.	4.1	40
11	Two Three-Dimensional Lanthanide Frameworks Exhibiting Luminescence Increases upon Dehydration and Novel Water Layer Involving in Situ Decarboxylation. <i>Inorganic Chemistry</i> , 2014, 53, 7092-7100.	4.0	35
12	Spin canting and metamagnetism in 3D pillared-layer homospin cobalt(II) molecular magnetic materials constructed via a mixed ligands approach. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 242.	6.0	34
13	Structures, luminescence properties, magnetocaloric effect and slow magnetic relaxation of three $\text{Ln}(\text{III})$ complexes based on $8\text{-hydroxyquinoline}$ Schiff-base ligand. <i>Polyhedron</i> , 2017, 133, 119-124.	2.2	30
14	Modulating the single-molecule magnet behaviour in phenoxo-O bridged Dy_2 systems via subtle structural variations. <i>Journal of Solid State Chemistry</i> , 2017, 253, 154-160.	2.9	30
15	Cobalt(II)-Lanthanide(III) Heterometallic Metal-Organic Frameworks with Unique (6,6)-Connected Ni_2 Topologies with $1\text{H}-1,2,3$ -Triazole-4,5-dicarboxylic Acid: Syntheses, Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 407-412.	2.0	24
16	Crystal structures and luminescent properties of zinc(II) and cadmium(II) compounds constructed from 5-sulfoisophthalic acid and flexible bis-triazole ligands. <i>Inorganica Chimica Acta</i> , 2011, 370, 230-235.	2.4	21
17	A new family of $3\text{d}-4\text{f}$ heterometallic coordination polymers assembled with $1\text{H}-1,2,3$ -triazole-4,5-dicarboxylic acid: syntheses, structures and magnetic properties. <i>RSC Advances</i> , 2013, 3, 21511.	3.6	20
18	Synthesis and Anti-Tobacco Mosaic Virus/Fungicidal/Insecticidal/Antitumor Bioactivities of Natural Product Hemigossypol and Its Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1224-1233.	5.2	18

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19	Single-molecule magnet behavior of a dinuclear dysprosium compound constructed by 8-hydroxyquinoline Schiff base and β^2 -diketonate ligands. <i>Inorganica Chimica Acta</i> , 2016, 439, 106-110.	2.4	17
20	Alkaline cation directed structural diversity of cubic-cage-based cobalt(II) metal-organic frameworks: from pcu to bct net. <i>CrystEngComm</i> , 2014, 16, 7133.	2.6	16
21	Sensitive detection of the antibiotic pollutants by a solvent-stable luminescent sensor based on a europium(III) metal-organic framework. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122668.	2.9	14
22	Natural Product Cerbinal and Its Analogues Cyclopenta[c]pyridines: Synthesis and Discovery as Novel Pest Control Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10498-10504.	5.2	12
23	A luminescent pillar-layer Zn(II) metal-organic framework for the ultrasensitive detection of nitroaniline. <i>Inorganica Chimica Acta</i> , 2020, 509, 119703.	2.4	10
24	A zinc(II) triazolate framework with luminescence response toward dichromate anion in aqueous solution. <i>Inorganica Chimica Acta</i> , 2019, 498, 119126.	2.4	8
25	Two cobalt complexes derived from 1 H -1,2,3-triazole-4,5-dicarboxylic acid: Syntheses, structures and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2016, 65, 59-62.	3.9	7
26	Modulating dynamic magnetic behaviors of two Tb(III) dinuclear complexes by using two different β^2 -diketonate coligands. <i>Inorganica Chimica Acta</i> , 2016, 442, 172-177.	2.4	7
27	Assembly of a new (3,6)-connected cobalt(II) metal-organic framework via a mixed ligands approach. <i>Polyhedron</i> , 2018, 141, 262-266.	2.2	7
28	Anti-TMV and Insecticidal Potential of Four Iridoid Glycosides from Gardenia Jasminoides Fruit. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 697-699.	2.6	6
29	A luminescent zinc(II) coordination polymer as a highly selective and sensitive chemosensor for Fe(III) cation and Cr(VI) anions detection in aqueous solution. <i>Inorganica Chimica Acta</i> , 2020, 513, 119940.	2.4	6
30	Preparation and Anti-Tobacco Mosaic Virus Activities of Crocetin Diesters. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13637-13643.	5.2	6
31	A fluorescence chemosensor for benzonitrile derived from in - situ synthesis of azolate-carboxylic acid and zinc(II) ions. <i>Inorganic Chemistry Communication</i> , 2015, 60, 111-114.	3.9	5
32	A Solvent-Stable Zinc(II)-Gadolinium(III) Metal-Organic Framework Assembled with Furan-2,5-Dicarboxylic Acid: Synthesis, Crystal Structure and Magnetic Property. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 359-364.	3.7	4
33	Assembly of Five Coordination Polymers Based on Furan-2,5-dicarboxylic acid and 4,4'-Azobispyridine: Synthesis, Structures and Luminescence Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 410-416.	3.7	3
34	A CuBr Metal-Organic Framework: From Two Dimensional Net to Quasi-Three Dimensional Frame Through Encapsulated Cu ₂ Br ₂ Cluster. <i>Journal of Cluster Science</i> , 2020, 31, 1207-1212.	3.3	1
35	Mn ₂ Cl ₄ Cluster Based Two-Dimensional Coordination Polymer for Dichromate Sensing Property. <i>Journal of Cluster Science</i> , 2021, 32, 235-241.	3.3	0