

Jun Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3408083/publications.pdf>

Version: 2024-02-01

68
papers

1,380
citations

331670

21
h-index

361022

35
g-index

68
all docs

68
docs citations

68
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient photocatalytic degradation of methyl violet using two new 3D MOFs directed by different carboxylate spacers. <i>CrystEngComm</i> , 2021, 23, 741-747.	2.6	104
2	2D lanthanide MOFs driven by a rigid 3,5-bis(3-carboxy-phenyl)pyridine building block: solvothermal syntheses, structural features, and photoluminescence and sensing properties. <i>CrystEngComm</i> , 2016, 18, 6425-6436.	2.6	84
3	Luminescent sensing from a new Zn(II) metal-organic framework. <i>RSC Advances</i> , 2016, 6, 31161-31166.	3.6	83
4	An uncommon (5,5)-connected 3D metal organic material for selective and sensitive sensing of nitroaromatics and ferric ion: experimental studies and theoretical analysis. <i>CrystEngComm</i> , 2017, 19, 3519-3525.	2.6	78
5	Fluorescence detection of Mn ²⁺ , Cr ₂ O ₇ ²⁻ and nitroexplosives and photocatalytic degradation of methyl violet and rhodamine B based on two stable metal-organic frameworks. <i>RSC Advances</i> , 2017, 7, 10415-10423.	3.6	69
6	Phenolic nitroaromatics detection by fluorinated metal-organic frameworks: Barrier elimination for selective sensing of specific group of nitroaromatics. <i>Journal of Hazardous Materials</i> , 2021, 406, 124501.	12.4	65
7	Two 3D supramolecular isomeric Zn(II)-MOFs as photocatalysts for photodegradation of methyl violet dye. <i>Dyes and Pigments</i> , 2021, 190, 109285.	3.7	63
8	Series of highly stable Cd(II)-based MOFs as sensitive and selective sensors for detection of nitrofurantol antibiotic. <i>CrystEngComm</i> , 2021, 23, 8043-8052.	2.6	60
9	A New 3D 10-Connected Cd(II) Based MOF With Mixed Ligands: A Dual Photoluminescent Sensor for Nitroaromatics and Ferric Ion. <i>Frontiers in Chemistry</i> , 2019, 7, 244.	3.6	50
10	Fluorescence sensing of nitro-aromatics by Zn(II) and Cd(II) based coordination polymers having the 5-[bis(4-carboxybenzyl)-amino]isophthalic acid ligand. <i>New Journal of Chemistry</i> , 2017, 41, 3537-3542.	2.8	48
11	New highly luminescent 3D Tb(III)-MOF as selective sensor for antibiotics. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108756.	3.9	41
12	An uncommon 3D 3,3,4,8-c Cd(II) metal-organic framework for highly efficient luminescent sensing and organic dye adsorption: experimental and theoretical insight. <i>CrystEngComm</i> , 2017, 19, 7057-7067.	2.6	31
13	Multi-responsive chemosensing and photocatalytic properties of three luminescent coordination polymers derived from a bifunctional 1,1'-di(4-carboxylphenyl)-2,2'-biimidazole ligand. <i>CrystEngComm</i> , 2020, 22, 6195-6206.	2.6	28
14	A hydrostable anionic zinc-organic framework carrier with a <i>buc</i> topology for drug delivery. <i>CrystEngComm</i> , 2017, 19, 5244-5250.	2.6	26
15	Four structural diversity MOF-photocatalysts readily prepared for the degradation of the methyl violet dye under UV-visible light. <i>New Journal of Chemistry</i> , 2021, 45, 551-560.	2.8	26
16	A new 3D high connection Cu-based MOF introducing a flexible tetracarboxylic acid linker: Photocatalytic dye degradation. <i>Polyhedron</i> , 2021, 208, 115441.	2.2	25
17	Luminescent sensing of Cu ²⁺ , CrO ₄ ²⁻ and photocatalytic degradation of methyl violet by Zn(II) metal-organic framework (MOF) having 5,5'-[1H-2,3,5-triazole-1,4-diyl]diisophthalic acid ligand. <i>Journal of Molecular Structure</i> , 2017, 1148, 531-536.	3.6	24
18	Luminescent sensing and photocatalytic degradation in a new 3D Zn(II)-based highly luminescent metal-organic framework. <i>Journal of Molecular Structure</i> , 2019, 1179, 612-617.	3.6	24

#	ARTICLE	IF	CITATIONS
19	A family of entangled coordination polymers constructed from a flexible V-shaped long bicarboxylic acid and auxiliary N-donor ligands: Luminescent sensing. <i>Journal of Solid State Chemistry</i> , 2017, 249, 87-97.	2.9	23
20	Two new uncommon 3D cobalt-based metal organic frameworks: Temperature induced syntheses and enhanced photocatalytic properties against aromatic dyes. <i>Dyes and Pigments</i> , 2021, 187, 109068.	3.7	23
21	A new mixed ligand based Cd(II) 2D coordination polymer with functional sites: Photoluminescence and photocatalytic properties. <i>Inorganica Chimica Acta</i> , 2019, 484, 291-296.	2.4	22
22	Fluorescent sensing of nitroaromatics by two coordination polymers having potential active sites. <i>Journal of Luminescence</i> , 2017, 186, 40-47.	3.1	21
23	Photocatalytic degradation of methyl violet and rhodamine B based on an extremely stable metal-organic framework decorated with carboxylate groups. <i>Inorganic Chemistry Communication</i> , 2017, 85, 2-4.	3.9	21
24	An unusual zig-zag 1D copper(II) coordination polymer displaying magnetic phase transition. <i>Dalton Transactions</i> , 2017, 46, 15178-15180.	3.3	21
25	Syntheses and crystal structures of new dinuclear lanthanide complexes based on 3-(4-hydroxyphenyl)propanoic acid: Hirshfeld surface analyses and photoluminescence sensing. <i>New Journal of Chemistry</i> , 2019, 43, 13499-13508.	2.8	18
26	Photocatalytic performances of two new Cd(II) and Zn(II)-based coordination polymers. <i>Journal of Molecular Structure</i> , 2019, 1182, 79-86.	3.6	18
27	Modular construction, magnetism and photocatalytic properties of two new metal-organic frameworks based on a semi-rigid tetracarboxylate ligand. <i>Journal of Solid State Chemistry</i> , 2019, 277, 673-679.	2.9	17
28	Structures and photocatalytic properties of two new Zn(II) coordination polymers based on semi-rigid V-shaped multicarboxylate ligands. <i>RSC Advances</i> , 2020, 10, 18721-18727.	3.6	16
29	Four new luminescent-organic frameworks exhibiting highly sensing of nitroaromatics: An experimental and computational insight. <i>Inorganica Chimica Acta</i> , 2019, 487, 257-263.	2.4	15
30	A 3D stable Mn(II) metal-organic framework based on a flexible tetracarboxylate precursor and its photocatalytic properties. <i>Inorganica Chimica Acta</i> , 2019, 492, 186-191.	2.4	14
31	Temperature tuned syntheses of two new d ¹⁰ -based Cd(II) cluster metal-organic frameworks: luminescence sensing and photocatalytic properties. <i>RSC Advances</i> , 2019, 9, 29864-29872.	3.6	13
32	Series of coordination polymers with multifunctional properties for nitroaromatic compounds and Cu(I) sensing. <i>Journal of Solid State Chemistry</i> , 2020, 288, 121381.	2.9	13
33	Structural diversity in four Zn(II)/Cd(II) coordination polymers tuned by flexible pentacarboxylate and N-donor coligands: Photocatalysts for enhanced degradation of dyes. <i>Dyes and Pigments</i> , 2021, 195, 109695.	3.7	12
34	Efficient photocatalytic degradation of methyl violet with two metal-organic frameworks. <i>Journal of Coordination Chemistry</i> , 2017, 70, 3409-3421.	2.2	11
35	A new 3D three-interpenetration metal-organic framework and its photocatalytic property: A combined experimental and theoretical investigation. <i>Inorganic Chemistry Communication</i> , 2019, 109, 107576.	3.9	11
36	Efficient degradation of dyes in water by two Ag-based coordination polymers containing 1,3-bis(3,5-dicarboxylphenoxy)benzene and N-donor linkers. <i>Polyhedron</i> , 2021, 207, 115362.	2.2	11

#	ARTICLE	IF	CITATIONS
37	Zn(II)-based metal-organic frameworks derived from dicarboxylate ligand and N-donor ligands as luminescent sensors for selective detection of picric acid. <i>Journal of Molecular Structure</i> , 2019, 1196, 194-200.	3.6	10
38	Photocatalytic and magnetic properties of two new Co(II) cluster-based metal-organic frameworks. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107563.	3.9	9
39	A Zn(II) luminescent polymer as a multifunctional sensor to nitrobenzene, Fe ³⁺ and CrO ₄ ²⁻ ions. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2872-2880.	2.2	8
40	1,3-Bis(4- ϵ^2 -carboxylatophenoxy)benzene and 3,5-bis(1-imidazolyl)pyridine derived Zn(II)/Cd(II) coordination polymers: synthesis, structure and photocatalytic properties. <i>CrystEngComm</i> , 2021, 23, 3981-3988.	2.6	8
41	Two new coordination polymers with tetracarboxylate as photocatalysts for dye degradation. <i>Polyhedron</i> , 2021, 203, 115216.	2.2	8
42	Nitro explosive and cation sensing by a luminescent 2D Cu(I) coordination polymer with multiple Lewis basic sites. <i>Inorganic Chemistry Communication</i> , 2016, 73, 37-40.	3.9	7
43	A new 3D 3-fold interpenetrated framework from flexible tricarboxylate: Photocatalytic and sensing performances. <i>Polyhedron</i> , 2021, 209, 115454.	2.2	7
44	Construction of a 2D Polymer by Rigid Dicarboxylate and Methylimidazol Derivatives: Structure and Photocatalytic Feature. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 875-882.	3.7	7
45	Five lanthanide supramolecular frameworks based on mixed 3-(4-hydroxyphenyl)propanoic acid and 1,10-phenanthroline tectons: Crystal structures and luminescent properties. <i>Journal of Molecular Structure</i> , 2019, 1177, 117-123.	3.6	6
46	Two new coordination polymers driven by polycarboxylate and N-donor spacers: Photocatalytic performance and theoretical analysis. <i>Inorganica Chimica Acta</i> , 2020, 508, 119647.	2.4	6
47	Modular construction and photocatalytic properties of two Co(II) metal-organic frameworks. <i>Journal of Molecular Structure</i> , 2021, 1223, 129218.	3.6	6
48	A 3D 8-connected bcu topological metal-organic framework built by trinuclear Cd(II) units: Photocatalysis and LC-MS studies. <i>Polyhedron</i> , 2022, 211, 115571.	2.2	6
49	Studies of the gas sorption, magnetism and luminescence on two polymers constructed from 1,3,5-benzenetribenzoate ligand. <i>Journal of Coordination Chemistry</i> , 2015, 68, 130-141.	2.2	5
50	Luminescence sensing of an unusual tetranodal 3-connected topology of Cu(I)-MOF. <i>Inorganic Chemistry Communication</i> , 2016, 69, 13-15.	3.9	5
51	Two Chemically Stable Cd(II) Polymers as Fluorescent Sensor and Photocatalyst for Aromatic Dyes. <i>Polymers</i> , 2018, 10, 274.	4.5	5
52	Exploiting new 3D Cu(I)-based metal-organic framework as fluorescent sensor for nitroaromatics: An integrated experimental and computational investigation. <i>Inorganic Chemistry Communication</i> , 2019, 106, 18-21.	3.9	5
53	Photocatalytic properties and luminescent sensing of a new 2D layer coordination polymer. <i>Supramolecular Chemistry</i> , 2019, 31, 361-368.	1.2	5
54	Two new diverse 3D MOFs induced by ligand salt type: Photocatalytic performance. <i>Dyes and Pigments</i> , 2021, 187, 109071.	3.7	5

#	ARTICLE	IF	CITATIONS
55	A multi-functional Cd(II)-based coordination polymer for the highly sensitive detection of nitrofurazone and photocatalytic efficiency of Rhodamine B. <i>Inorganica Chimica Acta</i> , 2021, 527, 120566.	2.4	5
56	Photocatalytic applications of a new 3D Mn(II)-based MOF with mab topology. <i>Inorganica Chimica Acta</i> , 2022, 540, 121063.	2.4	5
57	Synthesis, luminescence and gas absorption of a new polythreading coordination polymer. <i>Inorganic Chemistry Communication</i> , 2014, 46, 268-272.	3.9	4
58	New Cd(II) coordination polymers bearing Y-shaped tricarboxylate ligands as photocatalysts for dye degradation. <i>CrystEngComm</i> , 2021, 23, 6400-6408.	2.6	4
59	Efficient photodegradation of dyes by a new 3D Cd(II) MOF with a rare fsh topology. <i>CrystEngComm</i> , 2022, 24, 4679-4686.	2.6	4
60	Synthesis, Structure, Luminescence and Gas Sorption of a 3D Zn(II) Polymer Material with Rutile Topology. <i>Journal of Cluster Science</i> , 2015, 26, 827-834.	3.3	2
61	A combined experimental and theoretical investigation on solvent-dependent luminescence behavior of a Cu(I)-MOF. <i>Inorganic Chemistry Communication</i> , 2015, 61, 82-84.	3.9	2
62	Effect of ligand on the assembly of two entangled coordination polymers: Structures and photocatalytic properties. <i>Polyhedron</i> , 2020, 191, 114804.	2.2	2
63	Introducing a flexible and Y-shaped tricarboxylic acid linker into functional complex: Photocatalytic dye degradation. <i>Journal of Molecular Structure</i> , 2022, 1250, 131867.	3.6	2
64	Syntheses, luminescence, and hirshfeld surface analyses of three lanthanide coordination polymers directed by flexible carboxylate ligand. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015, 41, 673-680.	1.0	1
65	Synthesis, luminescent sensing based on a three-fold interpenetrating network with flexible carboxylates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017, 43, 50-54.	1.0	1
66	Syntheses, Hirshfeld surface analyses and magnetism of two complexes with flexible carboxylates. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1-8.	1.6	1
67	A new 2D Mn(II) coordination polymer constructed from carboxylate and N-donor coligand: Synthesis, structure, and magnetism. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014, 40, 149-153.	1.0	0
68	Structure and photocatalytic performance of a metallacycle complex based on flexible carboxylic acid ligand. <i>Polyhedron</i> , 2021, 209, 115480.	2.2	0