

Wen-Yan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7998615/publications.pdf>

Version: 2024-02-01

20
papers

525
citations

933447

10
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Two novel luminescent metal-organic frameworks based on the thioether bond modification: The selective sensing and effective CO ₂ fixation. <i>Journal of Solid State Chemistry</i> , 2022, 307, 122813.	2.9	2
2	Two porous three-dimensional (3D) metal-organic frameworks based on diverse metal clusters: selective sensing of Fe ³⁺ and Cr ₂ O ₇ ²⁻ . <i>New Journal of Chemistry</i> , 2022, 46, 4292-4299.	2.8	6
3	Luminescent metal-organic frameworks constructed by a V-shaped pentacarboxylic acid ligand as bifunctional chemosensors for Fe ³⁺ and CrO ₇ ²⁻ . <i>Journal of Solid State Chemistry</i> , 2022, 309, 122988.	2.9	5
4	Highly Efficient I ₂ Sorption, CO ₂ Capture, and Catalytic Conversion by Introducing Nitrogen Donor Sites in a Microporous Co(II)-Based Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2022, 61, 7005-7016.	4.0	10
5	A new 3D luminescent Ba-organic framework with high open metal sites: CO ₂ fixation, luminescence sensing, and dye sorption. <i>CrystEngComm</i> , 2021, 23, 663-670.	2.6	6
6	Design and preparation of new luminescent metal-organic frameworks and different doped isomers: sensing pollution ions and enhancement of gas capture capacity. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 286-295.	6.0	25
7	Uncommon thioether-modified metal-organic frameworks with unique selective CO ₂ sorption and efficient catalytic conversion. <i>CrystEngComm</i> , 2021, 23, 1447-1454.	2.6	1
8	A multi-functional two-dimensional Zn(II)-organic framework for selective carbon dioxide adsorption, sensing of nitrobenzene and Cr ₂ O ₇ ²⁻ . <i>CrystEngComm</i> , 2021, 23, 7643-7649.	2.6	7
9	A 2-Fold Interpenetrated Nitrogen-Rich Metal-Organic Framework: Dye Adsorption and CO ₂ Capture and Conversion. <i>Inorganic Chemistry</i> , 2021, 60, 3156-3164.	4.0	25
10	Stable Indium Pyridylcarboxylate Framework with Highly Selective Adsorption of Cationic Dyes and Effective Nitrobenzene Detection. <i>Inorganic Chemistry</i> , 2021, 60, 5232-5239.	4.0	17
11	A new multi-functional Cu(II)-organic framework as a platform for selective carbon dioxide chemical fixation and separation of organic dyes. <i>CrystEngComm</i> , 2021, 23, 8315-8322.	2.6	3
12	Zeolitic Metal Cluster Carboxylic Framework for Selective Carbon Dioxide Chemical Fixation through the Superlarge Cage. <i>Inorganic Chemistry</i> , 2020, 59, 3912-3918.	4.0	19
13	Seven new complexes based on various coordination modes of bifunctional ligand: Luminescent sensing and magnetic properties. <i>Inorganica Chimica Acta</i> , 2019, 495, 118971.	2.4	8
14	Four new water-stable metal-organic frameworks based on diverse metal clusters: Syntheses, structures, and luminescent sensing properties. <i>Journal of Solid State Chemistry</i> , 2019, 269, 386-395.	2.9	10
15	Seven luminescent metal-organic frameworks constructed from 5-(triazol-1-yl)nicotinic acid: luminescent sensors for Cr ^{VI} and MnO ₄ ⁻ ions in an aqueous medium. <i>New Journal of Chemistry</i> , 2018, 42, 9865-9875.	2.8	39
16	Four new metal-organic frameworks based on diverse secondary building units: sensing and magnetic properties. <i>Dalton Transactions</i> , 2018, 47, 1682-1692.	3.3	98
17	Highly selective luminescence sensing for the detection of nitrobenzene and Fe ³⁺ by new Cd(II)-based MOFs. <i>CrystEngComm</i> , 2018, 20, 477-486.	2.6	119
18	Tunable Emission and Selective Luminescence Sensing in a Series of Lanthanide Metal-Organic Frameworks with Uncoordinated Lewis Basic Triazolyl Sites. <i>Crystal Growth and Design</i> , 2018, 18, 2031-2039.	3.0	57

#	ARTICLE	IF	CITATIONS
19	New Luminescent Three-Dimensional Zn(II)/Cd(II)-Based Metal-Organic Frameworks Showing High H ₂ Uptake and CO ₂ Selectivity Capacity. <i>Crystal Growth and Design</i> , 2017, 17, 2059-2065.	3.0	39
20	Four new 3D metal-organic frameworks constructed by the asymmetrical pentacarboxylate: gas sorption behaviour and magnetic properties. <i>Dalton Transactions</i> , 2016, 45, 15473-15480.	3.3	29