

# Yifang Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3668433/publications.pdf>

Version: 2024-02-01

19  
papers

1,519  
citations

687363

13  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

946  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic frameworks as photoluminescent biosensing platforms: mechanisms and applications. <i>Chemical Society Reviews</i> , 2021, 50, 4484-4513.	38.1	322
2	Orthogonal-array dynamic molecular sieving of propylene/propane mixtures. <i>Nature</i> , 2021, 595, 542-548.	27.8	273
3	Cage-Interconnected Metal-Organic Framework with Tailored Apertures for Efficient $C_2H_6/C_2H_4$ Separation under Humid Conditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 20390-20396.	13.7	212
4	Induced Fit of $C_2H_2$ in a Flexible MOF Through Cooperative Action of Open Metal Sites. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8515-8519.	13.8	208
5	Lanthanide-functionalized metal-organic frameworks as ratiometric luminescent sensors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12739-12754.	5.5	139
6	pH-Modulated luminescence switching in a Eu-MOF: rapid detection of acidic amino acids. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11127-11133.	10.3	108
7	Building a Pyrazole-Benzothiadiazole-Pyrazole Photosensitizer into Metal-Organic Frameworks for Photocatalytic Aerobic Oxidation. <i>Journal of the American Chemical Society</i> , 2021, 143, 21340-21349.	13.7	84
8	Induced Fit of $C_2H_2$ in a Flexible MOF Through Cooperative Action of Open Metal Sites. <i>Angewandte Chemie</i> , 2019, 131, 8603-8607.	2.0	52
9	A pH-regulated ratiometric luminescence Eu-MOF for rapid detection of toxic mycotoxin in moldy sugarcane. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4385-4391.	5.5	32
10	Reversible Multiphase Transition in a BioMOF and Its Distinctive Luminescence Turn-On in Alcohol Vapor. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 38503-38509.	8.0	18
11	Aggregation-induced phosphorescence sensitization in two heptanuclear and decanuclear gold-silver sandwich clusters. <i>Chemical Science</i> , 2021, 12, 702-708.	7.4	16
12	Multisize $CoS_2$ Particles Intercalated/Coated Montmorillonite as Efficient Sulfur Host for High-Performance Lithium-Sulfur Batteries. <i>ChemSusChem</i> , 2022, 15, .	6.8	16
13	Facile synthesis of copper selenides with different stoichiometric compositions and their thermoelectric performance at a low temperature range. <i>RSC Advances</i> , 2021, 11, 25955-25960.	3.6	13
14	Quaternary Ammonium-Mediated Delamination of Europium-Based Metal-Organic Framework into Ultrathin Nanosheets for the Selective Photoelectrochemical Sensing of $Fe^{3+}$ . <i>Inorganic Chemistry</i> , 2021, 60, 19044-19052.	4.0	12
15	$CoS_2$ @montmorillonite as an efficient separator coating for high-performance lithium-sulfur batteries. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3335-3347.	6.0	10
16	Multi-nanocavities and multi-defects synergetic enhancement for the electromagnetic absorption of the rGO-NG film. <i>Nanotechnology</i> , 2022, 33, 315603.	2.6	2
17	Construction of a fast Li-ion path in a MOF-derived $Fe_3O_4$ @NC sulfur host enables high-rate lithium-sulfur batteries. <i>Dalton Transactions</i> , 0, , .	3.3	2
18	Tadpole-Like Copolymer for Fabrication of Silica-Encapsulated Polysulfide Microspheres. <i>ChemistrySelect</i> , 2021, 6, 9399-9406.	1.5	0

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19	Unidirectional Diffusion Interface for Controllable Synthesis of Soluble Conjugated Copolymers without Solubilizing Alkyl Substituents. <i>ChemistrySelect</i> , 2021, 6, 13536-13545.	1.5	0