

# Heng Zeng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8281664/publications.pdf>

Version: 2024-02-01

10  
papers

1,299  
citations

933447

10  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

793  
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 <sub>2</sub> H <sub>6</sub> /C <sub>2</sub> H <sub>4</sub> Separation under Humid Conditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 20390-20396.	13.7	212
4	Induced Fit of C <sub>2</sub> H <sub>2</sub> 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	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
6	A metal-organic framework for C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> separation under highly humid conditions: Balanced hydrophilicity/hydrophobicity. <i>Chemical Engineering Journal</i> , 2022, 427, 132033.	12.7	53
7	Induced Fit of C <sub>2</sub> H <sub>2</sub> in a Flexible MOF Through Cooperative Action of Open Metal Sites. <i>Angewandte Chemie</i> , 2019, 131, 8603-8607.	2.0	52
8	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
9	Tuning the C <sub>2</sub> /C <sub>1</sub> Hydrocarbon Separation Performance in a BioMOF by Surface Functionalization. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4205-4210.	2.0	21
10	Adsorptive removal of <i>p</i> -nitrophenol from water with mechano-synthesized porous organic polymers. <i>New Journal of Chemistry</i> , 2018, 42, 20205-20211.	2.8	18