

Heng Zeng

List of Publications by Year in descending order

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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	A metal-organic framework for C ₂ H ₂ /CO ₂ separation under highly humid conditions: Balanced hydrophilicity/hydrophobicity. <i>Chemical Engineering Journal</i> , 2022, 427, 132033.	12.7	53
2	Orthogonal-array dynamic molecular sieving of propylene/propane mixtures. <i>Nature</i> , 2021, 595, 542-548.	27.8	273
3	Metal-organic frameworks as photoluminescent biosensing platforms: mechanisms and applications. <i>Chemical Society Reviews</i> , 2021, 50, 4484-4513.	38.1	322
4	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
5	Tuning the C ₂ /C ₁ Hydrocarbon Separation Performance in a BioMOF by Surface Functionalization. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4205-4210.	2.0	21
6	Induced Fit of C ₂ H ₂ in a Flexible MOF Through Cooperative Action of Open Metal Sites. <i>Angewandte Chemie</i> , 2019, 131, 8603-8607.	2.0	52
7	Induced Fit of C ₂ H 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
8	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
9	Cage-Interconnected Metal-Organic Framework with Tailored Apertures for Efficient C ₂ H ₆ /C ₂ H ₄ Separation under Humid Conditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 20390-20396.	13.7	212
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