Yaling Yan

List of Publications by Year
in descending order

11	586	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Machine learning and in-silico screening of metalâ€“organic frameworks for O2/N2 dynamic adsorption and separation. Chemical Engineering Journal, 2022, 427, 131604.	12.7	42
2	Large-Scale Screening and Machine Learning for Metalâ€“Organic Framework Membranes to Capture CO2 from Flue Gas. Membranes, 2022, 12, 700.	3.0	5
3	Machine learning and high-throughput computational screening of hydrophobic metalâ€“organic frameworks for capture of formaldehyde from air. Green Energy and Environment, 2021, 6, 759-770.	8.7	35
4	Machine-learning-assisted high-throughput computational screening of high performance metalâ€“organic frameworks. Molecular Systems Design and Engineering, 2020, 5, 725-742.	3.4	74
5	Machine Learning and High-throughput Computational Screening of Metal-organic Framework for Separation of Methane/ethane/propane. Acta Chimica Sinica, 2020, 78, 427.	1.4	14
6	High-throughput computational screening of metal-organic framework membranes for upgrading of natural gas. Journal of Membrane Science, 2018, 551, 47-54.	8.2	73
7	Computational screening of hydrophobic metalâ€“organic frameworks for the separation of H₂S and CO₂ from natural gas. Journal of Materials Chemistry A, 2018, 6, 18898-18905.	10.3	84
8	High-Throughput Screening of Metal-Organic Frameworks for the Separation of Hydrogen Sulfide and Carbon Dioxide from Natural Gas. Acta Chimica Sinica, 2018, 76, 785.	1.4	13
9	High-Throughput Computational Screening of Metalâ€“Organic Frameworks for Thiol Capture. Journal of Physical Chemistry C, 2017, 121, 22208-22215.	3.1	38
10	High-throughput computational screening of 137953 metalâ€“organic frameworks for membrane separation of a CO₂/N₂/CH₄ mixture. Journal of Materials Chemistry A, 2016, 4, 15904-15912.	10.3	99
11	In silico screening of 4764 computation-ready, experimental metalâ€“organic frameworks for CO₂ separation. Journal of Materials Chemistry A, 2016, 4, 2105-2114.	10.3	109