Sangwon Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6359421/publications.pdf

Version: 2024-02-01

13	593	1040056 9	1199594 12
papers	citations	h-index	g-index

16	16	16	768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inverse design of porous materials using artificial neural networks. Science Advances, 2020, 6, eaax9324.	10.3	171
2	Applications of machine learning in metal-organic frameworks. Coordination Chemistry Reviews, 2020, 423, 213487.	18.8	100
3	User-friendly graphical user interface software for ideal adsorbed solution theory calculations. Korean Journal of Chemical Engineering, 2018, 35, 214-221.	2.7	88
4	Computational Screening of Trillions of Metalâ€“Organic Frameworks for High-Performance Methane Storage. ACS Applied Materials & Interfaces, 2021, 13, 23647-23654.	8.0	81
5	Finding Hidden Signals in Chemical Sensors Using Deep Learning. Analytical Chemistry, 2020, 92, 6529-6537.	6.5	40
6	Size-Matching Ligand Insertion in MOF-74 for Enhanced CO₂ Capture under Humid Conditions. Journal of Physical Chemistry C, 2017, 121, 24444-24451.	3.1	34
7	Predicting performance limits of methane gas storage in zeolites with an artificial neural network. Journal of Materials Chemistry A, 2019, 7, 2709-2716.	10.3	33
8	Finely tuned inverse design of metalâ€“organic frameworks with user-desired Xe/Kr selectivity. Journal of Materials Chemistry A, 2021, 9, 21175-21183.	10.3	19
9	Isotherm parameter library and evaluation software for CO2 capture adsorbents. Computers and Chemical Engineering, 2020, 143, 107105.	3.8	9
10	Computational Analysis of Linker Defective Metalâ€“Organic Frameworks for Membrane Separation Applications. Langmuir, 2019, 35, 3917-3924.	3.5	8
11	Machine learning-based discovery of molecules, crystals, and composites: A perspective review. Korean Journal of Chemical Engineering, 2021, 38, 1971-1982.	2.7	4
12	ID-Based Interoperation between Digital and Physical Resources in Ubiquitous Environment. , 2008, , .		2
13	Deep learning-based initial guess for minimum energy path calculations. Korean Journal of Chemical Engineering, 2021, 38, 406-410.	2.7	1