

Sangwon Lee

List of Publications by Year in descending order

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

Version: 2024-02-01

13
papers

593
citations

1040056

9
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

768
citing authors

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