

Zhonglin Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8184505/publications.pdf>

Version: 2024-02-01

10
papers

594
citations

933264

10
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular contrastive learning of representations via graph neural networks. Nature Machine Intelligence, 2022, 4, 279-287.	8.3	181
2	Water Desalination with Two-Dimensional Metal-Organic Framework Membranes. Nano Letters, 2019, 19, 8638-8643.	4.5	119
3	Why is Single-Layer MoS ₂ a More Energy Efficient Membrane for Water Desalination?. ACS Energy Letters, 2020, 5, 2217-2222.	8.8	78
4	Simultaneous Electrochemical Exfoliation and Covalent Functionalization of MoS ₂ Membrane for Ion Sieving. Advanced Materials, 2022, 34, e2201416.	11.1	45
5	Titanium Carbide MXene for Water Desalination: A Molecular Dynamics Study. ACS Applied Nano Materials, 2021, 4, 6145-6151.	2.4	44
6	Efficient water desalination with graphene nanopores obtained using artificial intelligence. Npj 2D Materials and Applications, 2021, 5, .	3.9	36
7	DNA Detection with Single-Layer Ti ₃ C ₂ MXene Nanopore. ACS Nano, 2021, 15, 4861-4869.	7.3	35
8	Ozark Graphene Nanopore for Efficient Water Desalination. Journal of Physical Chemistry B, 2021, 125, 11256-11263.	1.2	26
9	Prediction of GPCR activity using machine learning. Computational and Structural Biotechnology Journal, 2022, 20, 2564-2573.	1.9	16
10	Deep reinforcement learning for predicting kinetic pathways to surface reconstruction in a ternary alloy. Machine Learning: Science and Technology, 2021, 2, 045018.	2.4	14