Mojtaba Haghighatlari

List of Publications by Year
in descending order

11	404	1307594 7	1372567 10
papers	citations	h-index	g-index

17	17	17	513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advances of machine learning in molecular modeling and simulation. Current Opinion in Chemical Engineering, 2019, 23, 51-57.	7.8	84
2	Learning to Make Chemical Predictions: The Interplay of Feature Representation, Data, and Machine Learning Methods. CheM, 2020, 6, 1527-1542.	11.7	61
3	NewtonNet: a Newtonian message passing network for deep learning of interatomic potentials and forces. , 2022, 1, 333-343.		42
4	ChemML: A machine learning and informatics program package for the analysis, mining, and modeling of chemical and materials data. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2020, 10, e1458.	14.6	41
5	Extended experimental inferential structure determination method in determining the structural ensembles of disordered protein states. Communications Chemistry, 2020, 3, .	4.5	39
6	Accelerated Discovery of High-Refractive-Index Polyimides via First-Principles Molecular Modeling, Virtual High-Throughput Screening, and Data Mining. Journal of Physical Chemistry C, 2019, 123, 14610-14618.	3.1	36
7	A deep neural network model for packing density predictions and its application in the study of 1.5 million organic molecules. Chemical Science, 2019, 10, 8374-8383.	7.4	30
8	Building and deploying a cyberinfrastructure for the data-driven design of chemical systems and the exploration of chemical space. Molecular Simulation, 2018, 44, 921-929.	2.0	28
9	Protein Dynamics to Define and Refine Disordered Protein Ensembles. Journal of Physical Chemistry B, 2022, 126, 1885-1894.	2.6	9
10	Open Chemistry, <scp>JupyterLab</scp>, <scp>REST</scp>, and quantum chemistry. International Journal of Quantum Chemistry, 2021, 121, .	2.0	7
11	A benchmark dataset for Hydrogen Combustion. Scientific Data, 2022, 9, 215.	5.3	6