Patrick Rowe

List of Publications by Year
in descending order

9 papers	493 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	526 citing authors

#	Article	IF	Citations
1	Development of a machine learning potential for graphene. Physical Review B, 2018, 97, .	3.2	142
2	An accurate and transferable machine learning potential for carbon. Journal of Chemical Physics, 2020, 153, 034702.	3.0	137
3	Machine learning potentials for complex aqueous systems made simple. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	82
4	Defect-Dependent Corrugation in Graphene. Nano Letters, 2021, 21, 8143-8150.	9.1	29
5	Importance and Nature of Short-Range Excitonic Interactions in Light Harvesting Complexes and Organic Semiconductors. Journal of Chemical Theory and Computation, 2017, 13, 3754-3763.	5.3	25
6	Machine Learning Potential for Hexagonal Boron Nitride Applied to Thermally and Mechanically Induced Rippling. Journal of Physical Chemistry C, 2020, 124, 22278-22290.	3.1	25
7	Water Flow in Single-Wall Nanotubes: Oxygen Makes It Slip, Hydrogen Makes It Stick. ACS Nano, 2022, 16, 10775-10782.	14.6	25
8	Structure-Dynamics Relation in Physically-Plausible Multi-Chromophore Systems. Journal of Physical Chemistry Letters, 2017, 8, 2328-2333.	4.6	14
9	Accelerating the prediction of large carbon clusters via structure search: Evaluation of machine-learning and classical potentials. Carbon, 2022, 191, 255-266.	10.3	11