

Ferenc Karsai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5450816/publications.pdf>

Version: 2024-02-01

9
papers

799
citations

1039406

9
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Transitions of Hybrid Perovskites Simulated by Machine-Learning Force Fields Trained on the Fly with Bayesian Inference. <i>Physical Review Letters</i> , 2019, 122, 225701.	2.9	250
2	On-the-fly machine learning force field generation: Application to melting points. <i>Physical Review B</i> , 2019, 100, .	1.1	233
3	On-the-Fly Active Learning of Interatomic Potentials for Large-Scale Atomistic Simulations. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6946-6955.	2.1	100
4	Descriptors representing two- and three-body atomic distributions and their effects on the accuracy of machine-learned inter-atomic potentials. <i>Journal of Chemical Physics</i> , 2020, 152, 234102.	1.2	71
5	Thermal transport and phase transitions of zirconia by on-the-fly machine-learned interatomic potentials. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	57
6	Making free-energy calculations routine: Combining first principles with machine learning. <i>Physical Review B</i> , 2020, 101, .	1.1	35
7	$\hat{\mu}$ phase transition of zirconium predicted by on-the-fly machine-learned force field. <i>Physical Review Materials</i> , 2021, 5, .	0.9	21
8	Phase transitions of zirconia: Machine-learned force fields beyond density functional theory. <i>Physical Review B</i> , 2022, 105, .	1.1	21
9	First-principles hydration free energies of oxygenated species at water-platinum interfaces. <i>Journal of Chemical Physics</i> , 2021, 154, 094107.	1.2	11