

Huan Tran

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

311
citations

1307594
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1474206
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g-index

9
all docs

9
docs citations

9
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer Structure Predictor (PSP): A Python Toolkit for Predicting Atomic-Level Structural Models for a Range of Polymer Geometries. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 2737-2748.	5.3	7
2	Polymer design using genetic algorithm and machine learning. <i>Computational Materials Science</i> , 2021, 186, 110067.	3.0	105
3	Polymer informatics with multi-task learning. <i>Patterns</i> , 2021, 2, 100238.	5.9	43
4	Novel high voltage polymer insulators using computational and data-driven techniques. <i>Journal of Chemical Physics</i> , 2021, 154, 174906.	3.0	12
5	Dielectric Polymers Tolerant to Electric Field and Temperature Extremes: Integration of Phenomenology, Informatics, and Experimental Validation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53416-53424.	8.0	20
6	polyG2G: A Novel Machine Learning Algorithm Applied to the Generative Design of Polymer Dielectrics. <i>Chemistry of Materials</i> , 2021, 33, 7008-7016.	6.7	23
7	Machine learning models for the lattice thermal conductivity prediction of inorganic materials. <i>Computational Materials Science</i> , 2019, 170, 109155.	3.0	84
8	Valence bond entanglement and fluctuations in random singlet phases. <i>Physical Review B</i> , 2011, 84, .	3.2	10
9	Monte Carlo simulations of interacting anyon chains. <i>Computational Materials Science</i> , 2010, 49, S395-S398.	3.0	7