

Laurent Chaput

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

1,900
citations

1162367

8
h-index

1588620

8
g-index

9
all docs

9
docs citations

9
times ranked

2278
citing authors

#	ARTICLE	IF	CITATIONS
1	Transferability of neural network potentials for varying stoichiometry: Phonons and thermal conductivity of Mn _x Ge _y compounds. Journal of Applied Physics, 2020, 127, .	1.1	27
2	<i>Ab initio</i> based calculations of the thermal conductivity at the micron scale. Applied Physics Letters, 2018, 112, .	1.5	9
3	ZnSb Polymorphs with Improved Thermoelectric Properties. Chemistry of Materials, 2016, 28, 2912-2920.	3.2	16
4	Prediction of Low-Thermal-Conductivity Compounds with First-Principles Anharmonic Lattice-Dynamics Calculations and Bayesian Optimization. Physical Review Letters, 2015, 115, 205901.	2.9	343
5	<i>Ab initio</i> phonon properties of half-Heusler NiTiSn, NiZrSn and NiHfSn. Journal of Physics Condensed Matter, 2015, 27, 425401.	0.7	23
6	Distributions of phonon lifetimes in Brillouin zones. Physical Review B, 2015, 91, .	1.1	963
7	Direct Solution to the Linearized Phonon Boltzmann Equation. Physical Review Letters, 2013, 110, 265506.	2.9	156
8	Phonon-phonon interactions in transition metals. Physical Review B, 2011, 84, .	1.1	363