

Laurent Chaput

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12174180/publications.pdf>

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