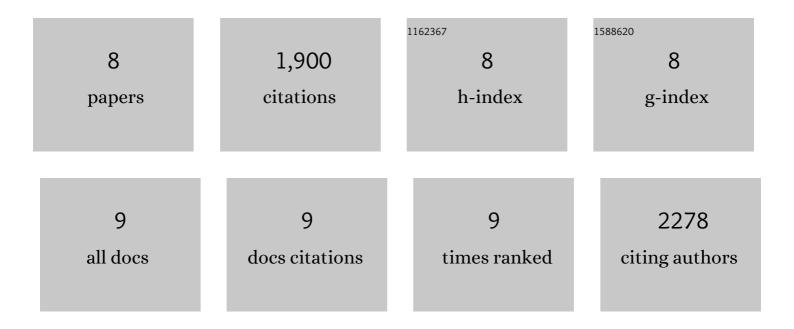
Laurent Chaput

List of Publications by Year in descending order

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