

Chen Wang

List of Publications by Year in descending order

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12
papers

269
citations

1040056

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1199594

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335
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving High Thermoelectric Performance by NaSbTe ₂ Alloying in GeTe for Simultaneous Suppression of Ge Vacancies and Band Tailoring. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	28
2	Temperature- and pressure-dependent phonon transport properties of SnS across phase transition from machine-learning interatomic potential. <i>International Journal of Heat and Mass Transfer</i> , 2022, 192, 122859.	4.8	9
3	Soft-mode dynamics in the ferroelectric phase transition of GeTe. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	11
4	Anharmonic lattice dynamics of SnS across phase transition: A study using high-dimensional neural network potential. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	5
5	Dynamic disorder phonon scattering mediated by Cu atomic hopping and diffusion in Cu ₃ SbSe ₃ . <i>Npj Computational Materials</i> , 2020, 6, .	8.7	7
6	Highly selective phonon diffusive scattering in superionic layered AgCrSe ₂ . <i>Npj Computational Materials</i> , 2020, 6, .	8.7	17
7	A density functional theory parameterised neural network model of zirconia. <i>Molecular Simulation</i> , 2018, 44, 623-630.	2.0	20
8	Orbital Alignment for High Performance Thermoelectric YbCd ₂ Sb ₂ Alloys. <i>Chemistry of Materials</i> , 2018, 30, 5339-5345.	6.7	50
9	Giant Phonon Tuning Effect via Pressure-Manipulated Polar Rotation in Perovskite MAPbI ₃ . <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3029-3034.	4.6	14
10	Performance optimization and single parabolic band behavior of thermoelectric MnTe. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19143-19150.	10.3	53
11	Single parabolic band transport in p-type EuZn ₂ Sb ₂ thermoelectrics. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24185-24192.	10.3	38
12	Passive Noise Reduction for a Contrarotating Fan. <i>Journal of Turbomachinery</i> , 2015, 137, .	1.7	17