

Chen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

269
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

335
citing authors

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