

Shasha Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7909455/publications.pdf>

Version: 2024-02-01

10
papers

176
citations

1478280

6
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous transverse optical phonons in SnTe and PbTe. Physical Review B, 2022, 105, .	1.1	7
2	Pressure effects on the electrical transport and anharmonic lattice dynamics of r-GeTe: A first-principles study. Journal of Materiomics, 2021, 7, 1190-1197.	2.8	7
3	Anharmonic lattice dynamics of Te and its counter-intuitive strain dependent lattice thermal conductivity. Journal of Materials Chemistry C, 2019, 7, 5970-5974.	2.7	9
4	Mechanical failure of graphene and the anharmonic phonon coupling mechanisms. Carbon, 2018, 126, 404-409.	5.4	4
5	Anharmonic lattice dynamics of bcc sodium under high pressures. Physical Chemistry Chemical Physics, 2018, 20, 14647-14651.	1.3	3
6	Substitutional defects enhancing thermoelectric CuGaTe ₂ . Journal of Materials Chemistry A, 2017, 5, 5314-5320.	5.2	87
7	Thermal transport and anharmonic phonons in strained monolayer hexagonal boron nitride. Scientific Reports, 2017, 7, 43956.	1.6	17
8	Abnormal negative thermal expansion of sodium: A first-principles discovery at high pressures. Physical Review B, 2017, 96, .	1.1	7
9	Density functional study on the mechanism for the highly active palladium monolayer supported on titanium carbide for the oxygen reduction reaction. Journal of Chemical Physics, 2016, 144, 204703.	1.2	18
10	Effects of a TiC substrate on the catalytic activity of Pt for NO reduction. Physical Chemistry Chemical Physics, 2016, 18, 13304-13309.	1.3	17