

Nakib Protik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1360319/publications.pdf>

Version: 2024-02-01

8
papers

155
citations

1684188

5
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Phonon thermal transport in 2H, 4H and 6H silicon carbide from first principles. <i>Materials Today Physics</i> , 2017, 1, 31-38.	6.0	48
2	Coupled transport of phonons and carriers in semiconductors: A case study of n -doped GaAs. <i>Physical Review B</i> , 2020, 101, .	3.2	27
3	Electron-phonon drag enhancement of transport properties from a fully coupled <i>ab initio</i> Boltzmann formalism. <i>Physical Review B</i> , 2020, 102, .	3.2	26
4	How dopants limit the ultrahigh thermal conductivity of boron arsenide: a first principles study. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	21
5	The elphbolt <i>ab initio</i> solver for the coupled electron-phonon Boltzmann transport equations. <i>Npj Computational Materials</i> , 2022, 8, .	8.7	19
6	Quasi-ballistic thermal conduction in $6H$ -SiC. <i>Materials Today Physics</i> , 2021, 20, 100462.	6.0	7
7	Colossal phonon drag enhanced thermopower in lightly doped diamond. <i>Materials Today Physics</i> , 2022, 27, 100740.	6.0	5
8	Tailoring the electron-phonon interaction with metallic plasmonic structures. <i>Materials Today Physics</i> , 2019, 8, 86-91.	6.0	1