

Navaneetha K Ravichandran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10973588/publications.pdf>

Version: 2024-02-01

8
papers

717
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Unusual high thermal conductivity in boron arsenide bulk crystals. <i>Science</i> , 2018, 361, 582-585.	12.6	300
2	Ultrahigh thermal conductivity in isotope-enriched cubic boron nitride. <i>Science</i> , 2020, 367, 555-559.	12.6	177
3	Unified first-principles theory of thermal properties of insulators. <i>Physical Review B</i> , 2018, 98, .	3.2	91
4	Fermi Surface Nesting and Phonon Frequency Gap Drive Anomalous Thermal Transport. <i>Physical Review Letters</i> , 2018, 121, 175901.	7.8	52
5	Phonon-Phonon Interactions in Strongly Bonded Solids: Selection Rules and Higher-Order Processes. <i>Physical Review X</i> , 2020, 10, .	8.9	43
6	Non-monotonic pressure dependence of the thermal conductivity of boron arsenide. <i>Nature Communications</i> , 2019, 10, 827.	12.8	42
7	Exposing the hidden influence of selection rules on phononâ€“phonon scattering by pressure and temperature tuning. <i>Nature Communications</i> , 2021, 12, 3473.	12.8	10
8	Peak thermal conductivity measurements of boron arsenide crystals. <i>Physical Review Materials</i> , 2022, 6, .	2.4	2