

Sangyeop Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12152277/publications.pdf>

Version: 2024-02-01

9
papers

1,950
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

2706
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant bonding leads to low lattice thermal conductivity. Nature Communications, 2014, 5, 3525.	12.8	484
2	Enhancement of thermoelectric figure-of-merit by resonant states of aluminium doping in lead selenide. Energy and Environmental Science, 2012, 5, 5246-5251.	30.8	372
3	Enhanced Thermoelectric Figure of Merit of p-Type Half-Heuslers. Nano Letters, 2011, 11, 556-560.	9.1	362
4	Hydrodynamic phonon transport in suspended graphene. Nature Communications, 2015, 6, 6290.	12.8	254
5	Studies on the Bi_2Te_3 - Bi_2Se_3 - Bi_2S_3 system for mid-temperature thermoelectric energy conversion. Energy and Environmental Science, 2013, 6, 552-560.	30.8	250
6	Heat Transfer in Thermoelectric Materials and Devices. Journal of Heat Transfer, 2013, 135, .	2.1	119
7	Lattice thermal conductivity of Bi, Sb, and Bi-Sb alloy from first principles. Physical Review B, 2014, 89, .	3.2	55
8	Quantitative analyses of enhanced thermoelectric properties of modulation-doped PEDOT:PSS/undoped Si (001) nanoscale heterostructures. Nanoscale, 2016, 8, 19754-19760.	5.6	31
9	First-principles study of thermal transport in FeSb_2 . Physical Review B, 2014, 89, .	3.2	23