

Sangyeop Lee

List of Publications by Year in descending order

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9
papers

1,950
citations

1040056

9
h-index

1474206

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g-index

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docs citations

9
times ranked

2706
citing authors

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