

Ankita Katre

List of Publications by Year in descending order

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7
papers

459
citations

1478505

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1720034

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7
all docs

7
docs citations

7
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the key role of carrier transport mechanism in SnSe nanoflakes with enhanced thermoelectric power factor. <i>Nanotechnology</i> , 2022, 33, 155710.	2.6	1
2	Analytical Models of Phononâ€™Point-Defect Scattering. <i>Physical Review Applied</i> , 2020, 13, .	3.8	55
3	Perspective on <i>ab initio</i> phonon thermal transport. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	76
4	Zero-Dimensional Lead-Free Hybrid Perovskite-like Material with a Quantum-Well Structure. <i>Chemistry of Materials</i> , 2019, 31, 1941-1945.	6.7	49
5	Resonant phonon scattering in semiconductors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4691-4697.	5.5	17
6	Exceptionally Strong Phonon Scattering by B Substitution in Cubic SiC. <i>Physical Review Letters</i> , 2017, 119, 075902.	7.8	68
7	almaBTE : A solver of the spaceâ€™time dependent Boltzmann transport equation for phonons in structured materials. <i>Computer Physics Communications</i> , 2017, 220, 351-362.	7.5	193