

Unusual high thermal conductivity in boron arsenide b

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Point defects and dopants of boron arsenide from first-principles calculations: Donor compensation and doping asymmetry. Applied Physics Letters, 2018, 113, .	1.5	33
2	Ultralow thermal conductivity in a two-dimensional material due to surface-enhanced resonant bonding. Materials Today Physics, 2018, 7, 89-95.	2.9	12
3	Impurity-derived <i>p</i> -type conductivity in cubic boron arsenide. Applied Physics Letters, 2018, 113, .	1.5	39
4	Survey of ab initio phonon thermal transport. Materials Today Physics, 2018, 7, 106-120.	2.9	108
5	Advances in thermoelectrics. Advances in Physics, 2018, 67, 69-147.	35.9	383
6	Thermal-conductivity measurement by time-domain thermoreflectance. MRS Bulletin, 2018, 43, 782-789.	1.7	19
7	High Thermal Conductivity in Isotopically Enriched Cubic Boron Phosphide. Advanced Functional Materials, 2018, 28, 1805116.	7.8	73
8	Antisite Pairs Suppress the Thermal Conductivity of BAs. Physical Review Letters, 2018, 121, 105901.	2.9	41
9	Semiconductor crystals achieve record thermal conductivity. Physics Today, 2018, 71, 19-21.	0.3	2
10	Simultaneously high electron and hole mobilities in cubic boron-V compounds: BP, BAs, and BSb. Physical Review B, 2018, 98, .	1.1	55
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18	Effect of electron-phonon interaction on lattice thermal conductivity of SiGe alloys. Applied Physics Letters, 2019, 115, .	1.5	33

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20	Regulated Interfacial Thermal Conductance between Cu and Diamond by a TiC Interlayer for Thermal Management Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26507-26517.	4.0	41
21	Thermal Expansion Coefficient and Lattice Anharmonicity of Cubic Boron Arsenide. <i>Physical Review Applied</i> , 2019, 11, .	1.5	23
22	Thermodynamic calculation and its experimental correlation with the growth process of boron arsenide single crystals. <i>Journal of Applied Physics</i> , 2019, 126, 155108.	1.1	2
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24	Strain and electric field tuning of 2D hexagonal boron arsenide. <i>New Journal of Physics</i> , 2019, 21, 093030.	1.2	9
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