

Narendra Acharya

List of Publications by Year in descending order

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papers

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10
docs citations

10
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93
citing authors

#	ARTICLE	IF	CITATIONS
1	Low kinetic inductance superconducting MgB ₂ nanowires with a 130 ps relaxation time for single-photon detection applications. Superconductor Science and Technology, 2021, 34, 044001.	1.8	15
2	Analysis of the Broad IF-Band Performance of MgB ₂ HEB Mixers. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 565-571.	2.0	4
3	Far- and Mid-IR Heterodyne Detectors Based on MgB ₂ . , 2019, , .		1
4	Growth of magnesium diboride thin films on boron buffered Si and silicon-on-insulator substrates by hybrid physical chemical vapor deposition. Superconductor Science and Technology, 2018, 31, 075009.	1.8	4
5	As-Grown Versus Ion-Milled MgB ₂ Ultrathin Films for THz Sensor Applications. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	4
6	Optimization of Parameters of MgB ₂ Hot-Electron Bolometers. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	13
7	Low-noise THz MgB ₂ Josephson mixer. Applied Physics Letters, 2016, 109, .	1.5	10
8	MgB ₂ ultrathin films fabricated by hybrid physical chemical vapor deposition and ion milling. APL Materials, 2016, 4, 086114.	2.2	22
9	Enhancement of lower critical field by reducing the thickness of epitaxial and polycrystalline MgB ₂ thin films. APL Materials, 2015, 3, .	2.2	15
10	Fabrication and Characterization of Ultrathin MgB ₂ Films for Hot-Electron Bolometer Applications. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	16