

Narendra Acharya

List of Publications by Year in descending order

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docs citations

10
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93
citing authors

#	ARTICLE	IF	CITATIONS
1	MgB ₂ ultrathin films fabricated by hybrid physical chemical vapor deposition and ion milling. APL Materials, 2016, 4, 086114.	5.1	22
2	Fabrication and Characterization of Ultrathin MgB ₂ Films for Hot-Electron Bolometer Applications. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	16
3	Enhancement of lower critical field by reducing the thickness of epitaxial and polycrystalline MgB ₂ thin films. APL Materials, 2015, 3, .	5.1	15
4	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.	3.5	15
5	Optimization of Parameters of MgB ₂ Hot-Electron Bolometers. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	13
6	Low-noise THz MgB ₂ Josephson mixer. Applied Physics Letters, 2016, 109, .	3.3	10
7	As-Grown Versus Ion-Milled MgB ₂ Ultrathin Films for THz Sensor Applications. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	4
8	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.	3.5	4
9	Analysis of the Broad IF-Band Performance of MgB ₂ HEB Mixers. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 565-571.	3.1	4
10	Far- and Mid-IR Heterodyne Detectors Based on MgB ₂ . , 2019, , .		1