

Narendra Acharya

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | MgB ₂ ultrathin films fabricated by hybrid physical chemical vapor deposition and ion milling. APL Materials, 2016, 4, 086114. | 2.2 | 22 |
| 2 | Fabrication and Characterization of Ultrathin MgB ₂ Films for Hot-Electron Bolometer Applications. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5. | 1.1 | 16 |
| 3 | Enhancement of lower critical field by reducing the thickness of epitaxial and polycrystalline MgB ₂ thin films. APL Materials, 2015, 3, . | 2.2 | 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. | 1.8 | 15 |
| 5 | Optimization of Parameters of MgB ₂ Hot-Electron Bolometers. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5. | 1.1 | 13 |
| 6 | Low-noise THz MgB ₂ Josephson mixer. Applied Physics Letters, 2016, 109, . | 1.5 | 10 |
| 7 | As-Grown Versus Ion-Milled MgB ₂ Ultrathin Films for THz Sensor Applications. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4. | 1.1 | 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. | 1.8 | 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. | 2.0 | 4 |
| 10 | Far- and Mid-IR Heterodyne Detectors Based on MgB ₂ . , 2019, , . | | 1 |