

Daniel Cunnane

List of Publications by Year in descending order

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papers

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13
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215
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconductivity-Induced Transparency in Terahertz Metamaterials. ACS Photonics, 2014, 1, 570-575.	6.6	47
2	Penetration depth of MgB ₂ measured using Josephson junctions and SQUIDs. Applied Physics Letters, 2013, 102, 072603.	3.3	19
3	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
4	Optimization of Parameters of MgB ₂ Hot-Electron Bolometers. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	13
5	Superconducting MgB ₂ rapid single flux quantum toggle flip flop circuit. Applied Physics Letters, 2013, 102, .	3.3	10
6	Planar-type MgB ₂ SQUIDs utilizing a multilayer process. Applied Physics Letters, 2013, 103, 212603.	3.3	10
7	Low-noise THz MgB ₂ Josephson mixer. Applied Physics Letters, 2016, 109, .	3.3	10
8	Study of Components for MgB_2 RSFQ Digital Circuits. IEEE Transactions on Applied Superconductivity, 2013, 23, 1700204-1700204.	1.7	7
9	Multiple Andreev reflection in MgB ₂ /MgO/MgB ₂ Josephson junctions. Applied Physics Letters, 2012, 100, 122601.	3.3	4
10	Tuning Yâ€“Baâ€“Cuâ€“O Focused Helium Ion Beam Josephson Junctions for Use as THz Mixers. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	4
11	Epitaxial Ultrathin MgB ₂ Films on C-Terminated 6Hâ€“SiC (0001) Substrates Grown by HPCVD. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	3
12	Improved MgB_2 Toggle Flip-Flop Circuit With Increased Operating Speed and Temperature Range. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	0