

Evgenii Novoselov

List of Publications by Year in descending order

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papers

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14
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177
citing authors

#	ARTICLE	IF	CITATIONS
1	Low noise terahertz MgB ₂ hot-electron bolometer mixers with an 11% GHz bandwidth. Applied Physics Letters, 2017, 110, .	3.3	28
2	Nondestructive monitoring of aircraft composites using terahertz radiation. Proceedings of SPIE, 2015, , .	0.8	24
3	Generation of ultrabroadband terahertz radiation under optical breakdown of air by two femtosecond pulses of different frequencies. Optics and Spectroscopy (English Translation of Optika i Tj ETQq1 1 0.7843141 BT / Over	0.7843141	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	MgB_2 Hot-Electron Bolometer Mixers at Terahertz Frequencies. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	12
6	Gain and Noise in THz MgB ₂ Hot-Electron Bolometer Mixers With a 30-K Critical Temperature. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 704-710.	3.1	10
7	Study of MgB ₂ Ultrathin Films in Submicron Size Bridges. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	9
8	Effect of the Critical and Operational Temperatures on the Sensitivity of HEB Mixers. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 238-244.	3.1	8
9	Broadband MgB ₂ Hot-Electron Bolometer THz Mixers Operating up to 20 K. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	7
10	MgB ₂ hot electron bolometer mixers for THz heterodyne instruments. Proceedings of SPIE, 2016, , .	0.8	4
11	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
12	THz Hot-Electron Bolometer mixers. , 2014, , .		0
13	Wideband THz HEB mixers using HPCVD MgB ₂ thin films. , 2016, , .		0
14	Wideband MgB ₂ Hot-Electron Bolometer Mixers: IF Impedance Characterisation and Modeling. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	0