Evgenii Novoselov

List of Publications by Year
in descending order

14	136	1163117 8	1281871 11
papers	citations	h-index	g-index

14	14	14	177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low kinetic inductance superconducting MgB₂ nanowires with a 130 ps relaxation time for single-photon detection applications. Superconductor Science and Technology, 2021, 34, 044001.	3.5	15
2	Analysis of the Broad IF-Band Performance of MgB₂ HEB Mixers. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 565-571.	3.1	4
3	Study of MgB₂Ultrathin Films in Submicron Size Bridges. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	9
4	Broadband MgB₂Hot-Electron Bolometer THz Mixers Operating up to 20 K. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	7
5	Low noise terahertz MgB2 hot-electron bolometer mixers with an 11â€‰GHz bandwidth. Applied Physics Letters, 2017, 110, .	3.3	28
6	Gain and Noise in THz MgB2 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	Wideband THz HEB mixers using HPCVD MgB<inf>2</inf> thin films. , 2016, , .		0
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	MgB2 hot electron bolometer mixers for THz heterodyne instruments. Proceedings of SPIE, 2016, , .	0.8	4
10	Wideband MgB₂Hot-Electron Bolometer Mixers: IF Impedance Characterisation and Modeling. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	0
11	<inline-formula> <tex-math notation="TeX">$hbox{MgB}_{2}$</tex-math></inline-formula> Hot-Electron Bolometer Mixers at Terahertz Frequencies. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	12
12	Nondestructive monitoring of aircraft composites using terahertz radiation. Proceedings of SPIE, 2015, , .	0.8	24
13	THz Hot-Electron Bolometer mixers. , 2014, , .		0
14	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 ETQq0 0 0 rgBT /Overlock 10 T	0.6	18