Michael L Shcherbatenko

List of Publications by Year
in descending order

14	103	1307594 7	1474206 9
papers	citations	h-index	g-index

14	14	14	154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sub-shot-noise-limited fiber-optic quantum receiver. Physical Review A, 2020, 101, .	2.5	24
2	Potential of a superconducting photon counter for heterodyne detection at the telecommunication wavelength. Optics Express, 2016, 24, 30474.	3.4	14
3	On-chip coherent detection with quantum limited sensitivity. Scientific Reports, 2017, 7, 4812.	3.3	14
4	Heterodyne detection at near-infrared wavelengths with a superconducting NbN hot-electron bolometer mixer. Optics Letters, 2014, 39, 1429.	3.3	13
5	Nonequilibrium interpretation of DC properties of NbN superconducting hot electron bolometers. Applied Physics Letters, 2016, 109, .	3.3	13
6	NbN Hot-Electron-Bolometer Mixer for Operation in the Near-IR Frequency Range. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	8
7	Single-pixel camera with a large-area microstrip superconducting single photon detector on a multimode fiber. Applied Physics Letters, 2021, 118, .	3.3	8
8	Waveguide integrated superconducting single-photon detector for on-chip quantum and spectral photonic application. Journal of Physics: Conference Series, 2017, 917, 062032.	0.4	5
9	Superconducting Nanowire Single Photon Detector for Coherent Detection of Weak Signals. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	3
10	Study of microheaterâ€™s phase modulation for on-chip Kennedy receiver. Journal of Physics: Conference Series, 2020, 1695, 012117.	0.4	1
11	Heterodyne spectroscopy with superconducting single-photon detector. EPJ Web of Conferences, 2017, 132, 01005.	0.3	0
12	Coherent detection of weak signals with superconducting nanowire single photon detector at the telecommunication wavelength. Proceedings of SPIE, 2017, , .	0.8	0
13	Development of Control Method For An Optimal Quantum Receiver. Journal of Physics: Conference Series, 2020, 1695, 012126.	0.4	0
14	Optimal fiber optic scheme for sub-SQL quantum receiver realization. Journal of Physics: Conference Series, 2020, 1695, 012140.	0.4	0