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