

Masahiro Takeoka

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

630
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrimination of the binary coherent signal: Gaussian-operation limit and simple non-Gaussian near-optimal receivers. <i>Physical Review A</i> , 2008, 78, .	2.5	126
2	Wavelength division multiplexing of continuous variable quantum key distribution and 18.3 Tbit/s data channels. <i>Communications Physics</i> , 2019, 2, .	5.3	108
3	Demonstration of Near-Optimal Discrimination of Optical Coherent States. <i>Physical Review Letters</i> , 2008, 101, 210501.	7.8	99
4	Quantum Receiver beyond the Standard Quantum Limit of Coherent Optical Communication. <i>Physical Review Letters</i> , 2011, 106, 250503.	7.8	98
5	Displacement receiver for phase-shift-keyed coherent states. <i>Physical Review A</i> , 2012, 86, .	2.5	52
6	Quantum receivers with squeezing and photon-number-resolving detectors for M -ary coherent state discrimination. <i>Physical Review A</i> , 2013, 87, .	2.5	43
7	Quantum Photonic Network: Concept, Basic Tools, and Future Issues. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 49-61.	2.9	36
8	Capacity of optical communication in loss and noise with general quantum Gaussian receivers. <i>Physical Review A</i> , 2014, 89, .	2.5	35
9	Wavelength Division Multiplexing of 194 Continuous Variable Quantum Key Distribution Channels. <i>Journal of Lightwave Technology</i> , 2020, 38, 2214-2218.	4.6	28
10	Long-Term Secure Distributed Storage Using Quantum Key Distribution Network With Third-Party Verification. <i>IEEE Transactions on Quantum Engineering</i> , 2022, 3, 1-11.	4.9	4
11	Limit of Gaussian operations and measurements for Gaussian state discrimination and its application to state comparison. <i>Physical Review A</i> , 2021, 103, .	2.5	1