

Rob Thew

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11881206/publications.pdf>

Version: 2024-02-01

15
papers

2,544
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

3020
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum communication. Nature Photonics, 2007, 1, 165-171.	31.4	1,397
2	Provably secure and practical quantum key distribution over 307km of optical fibre. Nature Photonics, 2015, 9, 163-168.	31.4	378
3	The quantum technologies roadmap: a European community view. New Journal of Physics, 2018, 20, 080201.	2.9	358
4	Practical fast gate rate InGaAs/InP single-photon avalanche photodiodes. Applied Physics Letters, 2009, 95, .	3.3	71
5	Continuous high speed coherent one-way quantum key distribution. Optics Express, 2009, 17, 13326.	3.4	61
6	Comprehensive Characterization of InGaAs/InP Avalanche Photodiodes at 1550 nm With an Active Quenching ASIC. IEEE Journal of Quantum Electronics, 2009, 45, 792-799.	1.9	59
7	Coherent frequency-down-conversion interface for quantum repeaters. Optics Express, 2010, 18, 22099.	3.4	55
8	MHz rate and efficient synchronous heralding of single photons at telecom wavelengths. Optics Express, 2012, 20, 23846.	3.4	38
9	High-rate photon pairs and sequential Time-Bin entanglement with Si ₃ N ₄ microring resonators. Optics Express, 2019, 27, 19309.	3.4	38
10	Detector-device-independent quantum key distribution. Applied Physics Letters, 2014, 105, .	3.3	25
11	Heralded amplification of photonic qubits. Optics Express, 2016, 24, 125.	3.4	21
12	Demonstration of Quantum Nonlocality in the Presence of Measurement Dependence. Physical Review Letters, 2015, 114, 220404.	7.8	19
13	Practical measurement-device-independent entanglement quantification. Physical Review A, 2018, 98, .	2.5	14
14	Development of photon pair sources using periodically poled lithium niobate waveguide technology and fiber optic components. Journal of Modern Optics, 2015, 62, 1722-1731.	1.3	5
15	Local and scalable detection of genuine multipartite single-photon path entanglement. Quantum - the Open Journal for Quantum Science, 0, 6, 671.	0.0	5