

# 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

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g-index

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all docs

15  
docs citations

15  
times ranked

3020  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-rate photon pairs and sequential Time-Bin entanglement with Si <sub>3</sub> N <sub>4</sub> microring resonators. Optics Express, 2019, 27, 19309.	3.4	38
2	Practical measurement-device-independent entanglement quantification. Physical Review A, 2018, 98, .	2.5	14
3	The quantum technologies roadmap: a European community view. New Journal of Physics, 2018, 20, 080201.	2.9	358
4	Heralded amplification of photonic qubits. Optics Express, 2016, 24, 125.	3.4	21
5	Demonstration of Quantum Nonlocality in the Presence of Measurement Dependence. Physical Review Letters, 2015, 114, 220404.	7.8	19
6	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
7	Provably secure and practical quantum key distribution over 307 km of optical fibre. Nature Photonics, 2015, 9, 163-168.	31.4	378
8	Detector-device-independent quantum key distribution. Applied Physics Letters, 2014, 105, .	3.3	25
9	MHz rate and efficient synchronous heralding of single photons at telecom wavelengths. Optics Express, 2012, 20, 23846.	3.4	38
10	Coherent frequency-down-conversion interface for quantum repeaters. Optics Express, 2010, 18, 22099.	3.4	55
11	Practical fast gate rate InGaAs/InP single-photon avalanche photodiodes. Applied Physics Letters, 2009, 95, .	3.3	71
12	Continuous high speed coherent one-way quantum key distribution. Optics Express, 2009, 17, 13326.	3.4	61
13	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
14	Quantum communication. Nature Photonics, 2007, 1, 165-171.	31.4	1,397
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