

# Raphael Houlmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11970345/publications.pdf>

Version: 2024-02-01

13  
papers

717  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1046  
citing authors

#	ARTICLE	IF	CITATIONS
1	Provably secure and practical quantum key distribution over 307 km of optical fibre. Nature Photonics, 2015, 9, 163-168.	31.4	378
2	Megahertz-Rate Semi-Device-Independent Quantum Random Number Generators Based on Unambiguous State Discrimination. Physical Review Applied, 2017, 7, .	3.8	72
3	Simple 2.5 GHz time-bin quantum key distribution. Applied Physics Letters, 2018, 112, .	3.3	64
4	Free-running single-photon detection based on a negative feedback InGaAs APD. Journal of Modern Optics, 2012, 59, 1481-1488.	1.3	51
5	Sine gating detector with simple filtering for low-noise infra-red single photon detection at room temperature. Journal of Applied Physics, 2012, 112, 063106.	2.5	47
6	Quantum Random Number Generation for 1.25-GHz Quantum Key Distribution Systems. Journal of Lightwave Technology, 2015, 33, 2855-2859.	4.6	28
7	A high-speed multi-protocol quantum key distribution transmitter based on a dual-drive modulator. Optics Express, 2013, 21, 19579.	3.4	21
8	24-Hour Relativistic Bit Commitment. Physical Review Letters, 2016, 117, 140506.	7.8	21
9	Assessing the Dynamics of Organic Aerosols over the North Atlantic Ocean. Scientific Reports, 2017, 7, 45476.	3.3	11
10	Detector-device-independent quantum key distribution: Security analysis and fast implementation. Journal of Applied Physics, 2016, 120, .	2.5	10
11	Experimental relativistic zero-knowledge proofs. Nature, 2021, 599, 47-50.	27.8	9
12	Practical aspects of security certification for commercial quantum technologies. Proceedings of SPIE, 2015, , .	0.8	3
13	Progress on Quantum Key Distribution Using Ultralow Loss Fiber. , 2020, , .		2