

# Fabian Furrer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11017911/publications.pdf>

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11  
papers

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citations

933447

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1281871

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docs citations

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times ranked

437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of continuous-variable quantum key distribution with composable and one-sided-device-independent security against coherent attacks. <i>Nature Communications</i> , 2015, 6, 8795.	12.8	175
2	Reverse-reconciliation continuous-variable quantum key distribution based on the uncertainty principle. <i>Physical Review A</i> , 2014, 90, .	2.5	49
3	Position-momentum uncertainty relations in the presence of quantum memory. <i>Journal of Mathematical Physics</i> , 2014, 55, .	1.1	46
4	Min- and Max-Entropy in Infinite Dimensions. <i>Communications in Mathematical Physics</i> , 2011, 306, 165-186.	2.2	39
5	State-dependent approach to entropic measurementâ€disturbance relations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 105-112.	2.1	26
6	The smooth entropy formalism for von Neumann algebras. <i>Journal of Mathematical Physics</i> , 2016, 57, .	1.1	22
7	Finite-key analysis for time-energy high-dimensional quantum key distribution. <i>Physical Review A</i> , 2016, 94, .	2.5	21
8	Gaussian entanglement for quantum key distribution from a single-mode squeezing source. <i>New Journal of Physics</i> , 2013, 15, 053049.	2.9	20
9	Optimality of entropic uncertainty relations. <i>International Journal of Quantum Information</i> , 2015, 13, 1550045.	1.1	15
10	Continuous-variable protocol for oblivious transfer in the noisy-storage model. <i>Nature Communications</i> , 2018, 9, 1450.	12.8	13
11	Information-theoretical formulation of anyonic entanglement. <i>Physical Review A</i> , 2014, 90, .	2.5	7