

# Peter van Loock

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2128965/publications.pdf>

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29  
papers

1,016  
citations

516710

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526287

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g-index

30  
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30  
docs citations

30  
times ranked

1042  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Entanglement Swapping in Quantum Repeaters. Physical Review Letters, 2022, 128, 150502.	7.8	16
2	All-optical long-distance quantum communication with Gottesman-Kitaev-Preskill qubits. Physical Review Research, 2021, 3, .	3.6	29
3	Extending Quantum Links: Modules for Fiber- and Memory-Based Quantum Repeaters. Advanced Quantum Technologies, 2020, 3, 1900141.	3.9	43
4	Phase Locking between Two All-Optical Quantum Memories. Physical Review Letters, 2020, 125, 260508.	7.8	3
5	All-Optical Storage of Phase-Sensitive Quantum States of Light. Physical Review Letters, 2019, 123, 113603.	7.8	15
6	Probabilistic fault-tolerant universal quantum computation and sampling problems in continuous variables. Physical Review A, 2019, 99, .	2.5	12
7	Quantum nondemolition gate operations and measurements in real time on fluctuating signals. Physical Review A, 2018, 98, .	2.5	14
8	Heralded creation of photonic qudits from parametric down-conversion using linear optics. Physical Review A, 2018, 97, .	2.5	21
9	Quantum teleportation of an optical qutrit. , 2017, , .		0
10	All-optical storage of a qubit encoded in an oscillator. , 2017, , .		0
11	Steady-state generation of negative-Wigner-function light using feedback. Physical Review A, 2016, 94, .	2.5	10
12	Quantum repeater based on cavity QED evolutions and coherent light. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	3
13	Ultrafast Long-Distance Quantum Communication with Static Linear Optics. Physical Review Letters, 2016, 117, 210501.	7.8	55
14	Synchronization of optical photons for quantum information processing. Science Advances, 2016, 2, e1501772.	10.3	57
15	Demonstration of a fully tunable entangling gate for continuous-variable one-way quantum computation. Physical Review A, 2015, 92, .	2.5	11
16	Entanglement Swapping between Discrete and Continuous Variables. Physical Review Letters, 2015, 114, 100501.	7.8	88
17	Near-deterministic creation of universal cluster states with probabilistic Bell measurements and three-qubit resource states. Physical Review A, 2015, 91, .	2.5	19
18	Hybrid discrete- and continuous-variable quantum information. Nature Physics, 2015, 11, 713-719.	16.7	283

