

# Ivo Straka

## List of Publications by Year in descending order

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32  
papers

552  
citations

687363

13  
h-index

642732

23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shaping the $g(2)$ autocorrelation and photon statistics. Physical Review A, 2021, 103, .	2.5	0
2	Effect of source statistics on utilizing photon entanglement in quantum key distribution. Physical Review A, 2021, 103, .	2.5	8
3	Counting Statistics of Actively Quenched SPADs Under Continuous Illumination. Journal of Lightwave Technology, 2020, 38, 4765-4771.	4.6	14
4	Experimental quantum decoherence control by dark states of the environment. New Journal of Physics, 2020, 22, 093058.	2.9	3
5	Faithful Hierarchy of Genuine $n$ -Photon Quantum Non-Gaussian Light. Physical Review Letters, 2019, 123, 043601.	7.8	30
6	Accurate Detection of Arbitrary Photon Statistics. Physical Review Letters, 2019, 123, 153604.	7.8	35
7	Quantum non-Gaussian multiphoton light. Npj Quantum Information, 2018, 4, .	6.7	40
8	Generator of arbitrary classical photon statistics. Optics Express, 2018, 26, 8998.	3.4	17
9	Nondestructive detector for exchange symmetry of photonic qubits. Npj Quantum Information, 2018, 4, .	6.7	9
10	Experimental realization of SWAP operation on hyper-encoded qubits. Optics Express, 2018, 26, 8443.	3.4	20
11	Experimental demonstration of a fully inseparable quantum state with nonlocalizable entanglement. Scientific Reports, 2017, 7, 45045.	3.3	2
12	Experimental characterization of a non-local convertor for quantum photonic networks. Optics Express, 2017, 25, 7839.	3.4	4
13	Nonclassical photon pairs from warm atomic vapor using a single driving laser. Optics Express, 2017, 25, 31230.	3.4	11
14	Control and enhancement of interferometric coupling between two photonic qubits. Physical Review A, 2016, 93, .	2.5	4
15	Experimental replication of single-qubit quantum phase gates. Physical Review A, 2016, 93, .	2.5	2
16	Experimental investigation of a four-qubit linear-optical quantum logic circuit. Scientific Reports, 2016, 6, 33475.	3.3	13
17	Faithful conditional quantum state transfer between weakly coupled qubits. Scientific Reports, 2016, 6, 32125.	3.3	2
18	Experimental test of robust quantum detection and restoration of a qubit. Physical Review A, 2015, 92, .	2.5	0

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19	Quantum controlled-Zgate for weakly interacting qubits. Physical Review A, 2015, 92, .	2.5	4
20	Tomographic characterization of a linear optical quantum Toffoli gate. Physical Review A, 2015, 92, .	2.5	13
21	Conditional cooling limit for a quantum channel going through an incoherent environment. Scientific Reports, 2015, 5, 16721.	3.3	1
22	Process-fidelity estimation of a linear optical quantum-controlled-Zgate: A comparative study. Physical Review A, 2014, 89, .	2.5	5
23	Highly stable polarization independent Mach-Zehnder interferometer. Review of Scientific Instruments, 2014, 85, 083103.	1.3	19
24	Quantum non-Gaussian Depth of Single-Photon States. Physical Review Letters, 2014, 113, 223603.	7.8	52
25	Optimal entanglement-assisted discrimination of quantum measurements. Physical Review A, 2014, 90, .	2.5	8
26	Orthogonalization of partly unknown quantum states. Physical Review A, 2014, 89, .	2.5	8
27	Carrying qubits with particles whose noninformational degrees of freedom are nonfactorable. Physical Review A, 2013, 87, .	2.5	5
28	Efficient Experimental Estimation of Fidelity of Linear Optical Quantum Toffoli Gate. Physical Review Letters, 2013, 111, 160407.	7.8	55
29	Optimal unambiguous discrimination of two incompatible quantum measurements. , 2013, , .		0
30	Increasing efficiency of a linear-optical quantum gate using electronic feed-forward. Physical Review A, 2012, 85, .	2.5	21
31	Noiseless Loss Suppression in Quantum Optical Communication. Physical Review Letters, 2012, 109, 180503.	7.8	74
32	Experimental Test of the Quantum Non-Gaussian Character of a Heralded Single-Photon State. Physical Review Letters, 2011, 107, 213602.	7.8	73