

Joshua A Slater

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11317611/publications.pdf>

Version: 2024-02-01

16
papers

1,407
citations

687220

13
h-index

1125617

13
g-index

16
all docs

16
docs citations

16
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband waveguide quantum memory for entangled photons. Nature, 2011, 469, 512-515.	13.7	481
2	Non-classical correlations between single photons and phonons from a mechanical oscillator. Nature, 2016, 530, 313-316.	13.7	348
3	Spectral Multiplexing for Scalable Quantum Photonics using an Atomic Frequency Comb Quantum Memory and Feed-Forward Control. Physical Review Letters, 2014, 113, 053603.	2.9	214
4	Rate-loss analysis of an efficient quantum repeater architecture. Physical Review A, 2015, 92, .	1.0	91
5	Measurement-device-independent quantum key distribution: from idea towards application. Journal of Modern Optics, 2015, 62, 1141-1150.	0.6	45
6	Conditional Detection of Pure Quantum States of Light after Storage in a Tm-Doped Waveguide. Physical Review Letters, 2012, 108, 083602.	2.9	41
7	Practical quantum repeaters with parametric down-conversion sources. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	41
8	Experimental loss-tolerant quantum coin flipping. Nature Communications, 2011, 2, 561.	5.8	32
9	Long-Lived Solid-State Optical Memory for High-Rate Quantum Repeaters. Physical Review Letters, 2021, 127, 220502.	2.9	29
10	Microstructured fiber source of photon pairs at widely separated wavelengths. Optics Letters, 2010, 35, 499.	1.7	28
11	Two-photon interference of weak coherent laser pulses recalled from separate solid-state quantum memories. Nature Communications, 2013, 4, 2386.	5.8	23
12	Flexible source of nondegenerate entangled photons based on a two-crystal Sagnac interferometer. Physical Review A, 2013, 88, .	1.0	18
13	Testing nonlocality over 12.4 km of underground fiber with universal time-bin qubit analyzers. Physical Review A, 2010, 81, .	1.0	15
14	Broadband Waveguide Quantum Memory for Entangled Photons. , 2011, , .		1
15	Broadband waveguide quantum memory for entangled photons. , 2011, , .		0
16	Frequency multiplexed quantum memories with read-out on demand for quantum repeaters. , 2013, , .		0