Joshua A Slater

List of Publications by Year
in descending order

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	Long-Lived Solid-State Optical Memory for High-Rate Quantum Repeaters. Physical Review Letters, 2021, 127, 220502.	2.9	29
2	Practical quantum repeaters with parametric down-conversion sources. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	41
3	Non-classical correlations between single photons and phonons from a mechanical oscillator. Nature, 2016, 530, 313-316.	13.7	348
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	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
7	Two-photon interference of weak coherent laser pulses recalled from separate solid-state quantum memories. Nature Communications, 2013, 4, 2386.	5.8	23
8	Frequency multiplexed quantum memories with read-out on demand for quantum repeaters. , 2013, , .		0
9	Flexible source of nondegenerate entangled photons based on a two-crystal Sagnac interferometer. Physical Review A, 2013, 88, .	1.0	18
10	Conditional Detection of Pure Quantum States of Light after Storage in a Tm-Doped Waveguide. Physical Review Letters, 2012, 108, 083602.	2.9	41
11	Experimental loss-tolerant quantum coin flipping. Nature Communications, 2011, 2, 561.	5.8	32
12	Broadband waveguide quantum memory for entangled photons. Nature, 2011, 469, 512-515.	13.7	481
13	Broadband waveguide quantum memory for entangled photons. , 2011, , .		0
14	Broadband Waveguide Quantum Memory for Entangled Photons. , 2011, , .		1
15	Testing nonlocality over 12.4 km of underground fiber with universal time-bin qubit analyzers. Physical Review A, 2010, 81, .	1.0	15
16	Microstructured fiber source of photon pairs at widely separated wavelengths. Optics Letters, 2010, 35, 499.	1.7	28