

Scott A Hamilton

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

516
citations

1163117

8
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	781 Mbit/s photon-counting optical communications using a superconducting nanowire detector. Optics Letters, 2006, 31, 444.	3.3	161
2	Photon-number-resolution with sub-30-ps timing using multi-element superconducting nanowire single photon detectors. Journal of Modern Optics, 2009, 56, 364-373.	1.3	122
3	Multi-aperture digital coherent combining for free-space optical communication receivers. Optics Express, 2016, 24, 12661.	3.4	65
4	High-order temporal coherences of chaotic and laser light. Optics Express, 2010, 18, 1430.	3.4	60
5	1.25-Gbit/s photon-counting optical communications using a two-element superconducting nanowire single photon detector. , 2006, 6372, 286.		27
6	Demonstration of a variable data-rate free-space optical communication architecture using efficient coherent techniques. Optical Engineering, 2016, 55, 111605.	1.0	19
7	All-optical pulse regeneration in an ultrafast nonlinear interferometer with Faraday mirror polarization stabilization. Optics Letters, 2003, 28, 13.	3.3	17
8	Large-alphabet encoding for higher-rate quantum key distribution. Optics Express, 2019, 27, 17539.	3.4	17
9	Measuring intensity correlations with a two-element superconducting nanowire single-photon detector. Physical Review A, 2008, 78, .	2.5	15
10	Demonstration of a 1550-nm photon-counting receiver with ≪ 0.5 detected photon-per-bit sensitivity at 187.5 Mb/s. , 2008, , .		4
11	A burst-mode photon counting receiver with automatic channel estimation and bit rate detection. , 2016, , .		4
12	Experimental comparison of 3-mode and single-mode coupling over a 1.6-km free-space link. , 2018, , .		4
13	200-pass picosecond-pulse transmission through a regenerative recirculating fiber loop. , 2006, , .		1
14	Photon-counting 1.55 μm optical communications with pulse-position modulation and a multimode upconversion single-photon receiver. , 2008, , .		0