Hugo V Cable

List of Publications by Year
in descending order

31 papers	1,916 citations	623734 14 h-index	552781 26 g-index
31 all docs	31 docs citations	31 times ranked	1595 citing authors

#	Article	IF	Citations
1	The classical-quantum boundary for correlations: Discord and related measures. Reviews of Modern Physics, 2012, 84, 1655-1707.	45.6	1,273
2	Efficient Generation of Large Number-Path Entanglement Using Only Linear Optics and Feed-Forward. Physical Review Letters, 2007, 99, 163604.	7.8	81
3	Quantum Correlations in Mixed-State Metrology. Physical Review X, 2011, 1, .	8.9	78
4	Absorption spectroscopy at the ultimate quantum limit from single-photon states. New Journal of Physics, 2017, 19, 023013.	2.9	72
5	Towards practical quantum metrology with photon counting. Npj Quantum Information, 2016, 2, .	6.7	61
6	Parameter Estimation with Entangled Photons Produced by Parametric Down-Conversion. Physical Review Letters, 2010, 105, 013603.	7.8	35
7	Experimental sub-Rayleigh resolution by an unseeded high-gain optical parametric amplifier for quantum lithography. Physical Review A, 2008, 77, .	2.5	31
8	Entanglement-seeded, dual, optical parametric amplification: Applications to quantum imaging and metrology. Physical Review A, 2008, 78, .	2.5	30
9	Relative multiplexing for minimising switching in linear-optical quantum computing. New Journal of Physics, 2017, 19, 063013.	2.9	30
10	Measurement-induced localization of relative degrees of freedom. Physical Review A, 2005, 71, .	2.5	24
11	Quantum processing by remote quantum control. Quantum Science and Technology, 2017, 2, 045002.	5.8	24
12	Quantum states of light produced by a high-gain optical parametric amplifier for use in quantum lithography. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 270.	2.1	18
13	Quantum-enhanced tomography of unitary processes. Optica, 2015, 2, 510.	9.3	18
14	Quantum Optical Metrology of Correlated Phase and Loss. Physical Review Letters, 2020, 124, 140501.	7.8	18
15	Physical-depth architectural requirements for generating universal photonic cluster states. Quantum Science and Technology, 2018, 3, 015005.	5.8	13
16	Formation of NOON states from Fock-state Bose-Einstein condensates. Physical Review A, 2011, 83, .	2.5	12
17	Power of one bit of quantum information in quantum metrology. Physical Review A, 2016, 93, .	2.5	12
18	Quantum-enhanced multi-parameter estimation for unitary photonic systems. Quantum Science and Technology, 2017, 2, 025008.	5.8	12

#	Article	IF	Citations
19	Quantum-classical boundary for precision optical phase estimation. Physical Review A, 2017, 96, .	2.5	11
20	Publisherâ€™s Note: Parameter Estimation with Entangled Photons Produced by Parametric Down-Conversion [Phys. Rev. Lett.105, 013603 (2010)]. Physical Review Letters, 2010, 105, .	7.8	10
21	Bipartite entanglement in continuous variable cluster states. New Journal of Physics, 2010, 12, 113046.	2.9	10
22	Loss-tolerant teleportation on large stabilizer states. Quantum Science and Technology, 2019, 4, 025014.	5.8	10
23	Dissipation-assisted quantum computation in atom-cavity systems. , 2003, , .		8
24	Exact and efficient simulation of concordant computation. New Journal of Physics, 2015, 17, 113049.	2.9	8
25	Supraclassical measurement using single-atom control of an atomic ensemble. Physical Review A, 2016, 93, .	2.5	6
26	Optical implementation of spin squeezing. New Journal of Physics, 2017, 19, 053005.	2.9	6
27	An optical parametric oscillator as a high-flux source of two-mode light for quantum lithography. New Journal of Physics, 2009, 11, 113055.	2.9	5
28	Measurement Induced Localization of Relative Parameters. AIP Conference Proceedings, 2004, , .	0.4	0
29	Harness quantum noise to unlock quantum computing. New Scientist, 2013, 220, 30-31.	0.0	0
30	Quantum-Enhanced Precision in Unitary Process Tomography. , 2014, , .		0
31	Achieving Sub-Shot-Noise Absorption-Spectroscopy with Avalanche Photodiodes and with a Charge-Coupled Device. , 2016, , .		0