

Hugo V Cable

List of Publications by Year in descending order

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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	Quantum Optical Metrology of Correlated Phase and Loss. Physical Review Letters, 2020, 124, 140501.	7.8	18
2	Loss-tolerant teleportation on large stabilizer states. Quantum Science and Technology, 2019, 4, 025014.	5.8	10
3	Physical-depth architectural requirements for generating universal photonic cluster states. Quantum Science and Technology, 2018, 3, 015005.	5.8	13
4	Quantum processing by remote quantum control. Quantum Science and Technology, 2017, 2, 045002.	5.8	24
5	Quantum-classical boundary for precision optical phase estimation. Physical Review A, 2017, 96, .	2.5	11
6	Absorption spectroscopy at the ultimate quantum limit from single-photon states. New Journal of Physics, 2017, 19, 023013.	2.9	72
7	Optical implementation of spin squeezing. New Journal of Physics, 2017, 19, 053005.	2.9	6
8	Relative multiplexing for minimising switching in linear-optical quantum computing. New Journal of Physics, 2017, 19, 063013.	2.9	30
9	Quantum-enhanced multi-parameter estimation for unitary photonic systems. Quantum Science and Technology, 2017, 2, 025008.	5.8	12
10	Supraclassical measurement using single-atom control of an atomic ensemble. Physical Review A, 2016, 93, .	2.5	6
11	Power of one bit of quantum information in quantum metrology. Physical Review A, 2016, 93, .	2.5	12
12	Towards practical quantum metrology with photon counting. Npj Quantum Information, 2016, 2, .	6.7	61
13	Achieving Sub-Shot-Noise Absorption-Spectroscopy with Avalanche Photodiodes and with a Charge-Coupled Device. , 2016, , .		0
14	Exact and efficient simulation of concordant computation. New Journal of Physics, 2015, 17, 113049.	2.9	8
15	Quantum-enhanced tomography of unitary processes. Optica, 2015, 2, 510.	9.3	18
16	Quantum-Enhanced Precision in Unitary Process Tomography. , 2014, , .		0
17	Harness quantum noise to unlock quantum computing. New Scientist, 2013, 220, 30-31.	0.0	0
18	The classical-quantum boundary for correlations: Discord and related measures. Reviews of Modern Physics, 2012, 84, 1655-1707.	45.6	1,273

#	ARTICLE	IF	CITATIONS
19	Quantum Correlations in Mixed-State Metrology. <i>Physical Review X</i> , 2011, 1, .	8.9	78
20	Formation of NOON states from Fock-state Bose-Einstein condensates. <i>Physical Review A</i> , 2011, 83, .	2.5	12
21	Publisher's Note: Parameter Estimation with Entangled Photons Produced by Parametric Down-Conversion [Phys. Rev. Lett.105, 013603 (2010)]. <i>Physical Review Letters</i> , 2010, 105, .	7.8	10
22	Parameter Estimation with Entangled Photons Produced by Parametric Down-Conversion. <i>Physical Review Letters</i> , 2010, 105, 013603.	7.8	35
23	Bipartite entanglement in continuous variable cluster states. <i>New Journal of Physics</i> , 2010, 12, 113046.	2.9	10
24	An optical parametric oscillator as a high-flux source of two-mode light for quantum lithography. <i>New Journal of Physics</i> , 2009, 11, 113055.	2.9	5
25	Entanglement-seeded, dual, optical parametric amplification: Applications to quantum imaging and metrology. <i>Physical Review A</i> , 2008, 78, .	2.5	30
26	Experimental sub-Rayleigh resolution by an unseeded high-gain optical parametric amplifier for quantum lithography. <i>Physical Review A</i> , 2008, 77, .	2.5	31
27	Efficient Generation of Large Number-Path Entanglement Using Only Linear Optics and Feed-Forward. <i>Physical Review Letters</i> , 2007, 99, 163604.	7.8	81
28	Quantum states of light produced by a high-gain optical parametric amplifier for use in quantum lithography. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 270.	2.1	18
29	Measurement-induced localization of relative degrees of freedom. <i>Physical Review A</i> , 2005, 71, .	2.5	24
30	Measurement Induced Localization of Relative Parameters. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	0
31	Dissipation-assisted quantum computation in atom-cavity systems. , 2003, , .		8