

Alexander R Dixon

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,595
citations

471509

17
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

1753
citing authors

#	ARTICLE	IF	CITATIONS
1	FPGA-Based Simulated Bifurcation Machine. , 2019, , .		27
2	Combinatorial optimization by simulating adiabatic bifurcations in nonlinear Hamiltonian systems. Science Advances, 2019, 5, eaav2372.	10.3	185
3	Cambridge quantum network. Npj Quantum Information, 2019, 5, .	6.7	134
4	10-Mb/s Quantum Key Distribution. Journal of Lightwave Technology, 2018, 36, 3427-3433.	4.6	155
5	An approach to integrate quantum key distribution technology into standard secure communication applications. , 2017, , .		3
6	Quantum key distribution with hacking countermeasures and long term field trial. Scientific Reports, 2017, 7, 1978.	3.3	23
7	A routing method designed for a Quantum Key Distribution network. , 2016, , .		16
8	High speed prototype quantum key distribution system and long term field trial. Optics Express, 2015, 23, 7583.	3.4	61
9	High speed and adaptable error correction for megabit/s rate quantum key distribution. Scientific Reports, 2014, 4, 7275.	3.3	25
10	Efficient decoy-state quantum key distribution with quantified security. Optics Express, 2013, 21, 24550.	3.4	153
11	High bit rate quantum key distribution with 100 dB security. , 2013, , .		0
12	Stability of high bit rate quantum key distribution on installed fiber. Optics Express, 2012, 20, 16339.	3.4	79
13	Coexistence of High-Bit-Rate Quantum Key Distribution and Data on Optical Fiber. Physical Review X, 2012, 2, .	8.9	115
14	Field test of quantum key distribution in the Tokyo QKD Network. Optics Express, 2011, 19, 10387.	3.4	816
15	Multi-gigahertz operation of photon counting InGaAs avalanche photodiodes. Applied Physics Letters, 2010, 96, .	3.3	72
16	Continuous operation of high bit rate quantum key distribution. Applied Physics Letters, 2010, 96, .	3.3	146
17	Practical gigahertz quantum key distribution based on avalanche photodiodes. New Journal of Physics, 2009, 11, 045019.	2.9	41
18	Common ecology quantifies human insurgency. Nature, 2009, 462, 911-914.	27.8	183

#	ARTICLE	IF	CITATIONS
19	Ultrashort dead time of photon-counting InGaAs avalanche photodiodes. Applied Physics Letters, 2009, 94, .	3.3	56
20	Gigahertz Quantum Key Distribution With 1 Mbit/s Secure Key Rate Using Decoy Pulses. , 2009, , .		1
21	Gigahertz decoy quantum key distribution with 1 Mbit/s secure key rate. Optics Express, 2008, 16, 18790.	3.4	214
22	Gigahertz quantum key distribution with InGaAs avalanche photodiodes. Applied Physics Letters, 2008, 92, .	3.3	90