

Bing Qi
Oak Ridge National Laboratory
Optics

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TITLE	CITED BY	YEAR
Passive state preparation in continuous-variable quantum key distribution B Qi, PG Evans, WP Grice CLEO: Science and Innovations, JTh2A. 9		2018
Noise analysis of simultaneous quantum key distribution and classical communication scheme using a true local oscillator B Qi, CCW Lim Physical Review Applied 9 (5), 054008	1	2018
Experimental study of Hong-Ou-Mandel interference using independent phase randomized weak coherent states E Moschandreou, JI Garcia, BJ Rollick, B Qi, R Pooser, G Siopsis arXiv preprint arXiv:1804.02291		2018
Passive state preparation in the Gaussian-modulated coherent-states quantum key distribution B Qi, PG Evans, WP Grice Physical Review A 97 (1), 012317	1	2018
True randomness from an incoherent source B Qi Review of Scientific Instruments 88 (11), 113101	2	2017
Pilot-aided feedforward data recovery in optical coherent communications B Qi US Patent 9,768,885		2017
Characterizing photon number statistics using conjugate optical homodyne detection B Qi, P Lougovski, BP Williams arXiv preprint arXiv:1702.02558		2017
Practical challenges in quantum key distribution	64	2016

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TITLE	CITED BY	YEAR
E Diamanti, HK Lo, B Qi, Z Yuan npj Quantum Information 2, 16025		
Simultaneous classical communication and quantum key distribution using continuous variables B Qi Physical Review A 94 (4), 042340	6	2016
Loss-tolerant quantum secure positioning with weak laser sources CCW Lim, F Xu, G Siopsis, E Chitambar, PG Evans, B Qi Physical Review A 94 (3), 032315	2	2016
Multipoint sensing with a low-coherence source using single-arm frequency-shifted interferometry Y Zhang, F Ye, B Qi, L Qian Applied optics 55 (21), 5526-5530	3	2016
Quantum random number generation X Ma, X Yuan, Z Cao, B Qi, Z Zhang npj Quantum Information 2, 16021	40	2016
Simultaneous quantum and classical communication using continuous variable B Qi arXiv 1606	1	2016
Discrete and continuous variables for measurement-device-independent quantum cryptography F Xu, M Curty, B Qi, L Qian, HK Lo Nature Photonics 9 (12), 772	13	2015
Free-space reconfigurable quantum key distribution network B Qi, HK Lo, CCW Lim, G Siopsis, EA Chitambar, R Pooser, PG Evans, Space Optical Systems and Applications (ICSOS), 2015 IEEE International		2015
Generating the local oscillator "locally" in continuous-variable quantum key distribution based on coherent detection B Qi, P Lougovski, R Pooser, W Grice, M Bobrek Physical Review X 5 (4), 041009	59	2015
Bridging the gap between theory and practice in quantum cryptography M Curty, K Tamaki, F Xu, A Mizutani, CCW Lim, B Qi, HK Lo	1	2015

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TITLE	CITED BY	YEAR
Electro-Optical and Infrared Systems: Technology and Applications XII; and		
Discrete-variable measurement-device-independent quantum key distribution suitable for metropolitan networks F Xu, M Curty, B Qi, L Qian, HK Lo arXiv preprint arXiv:1506.04819	1	2015
Secret key generation via a modified quantum secret sharing protocol AM Smith, PG Evans, B Lawrie, M Legre, P Lougovski, W Ray, Quantum Information and Computation XIII 9500, 950008		2015
Measurement-device-independent quantum cryptography F Xu, M Curty, B Qi, HK Lo IEEE Journal of Selected Topics in Quantum Electronics 21 (3), 148-158	35	2015

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