

# Experimental demonstration of a quantum key distribution monitoring

Nature Photonics

9, 832-836

DOI: [10.1038/nphoton.2015.209](https://doi.org/10.1038/nphoton.2015.209)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Robustness of the round-robin differential-phase-shift quantum-key-distribution protocol against source flaws. Physical Review A, 2015, 92, .	1.0	29
2	Quantum key distribution using qudits that each encode one bit of raw key. Physical Review A, 2015, 92, .	1.0	28
3	Establishing security of quantum key distribution without monitoring disturbance. Proceedings of SPIE, 2015, , .	0.8	0
4	Round-robin with photons. Nature Photonics, 2015, 9, 781-782.	15.6	3
5	Security of the differential-quadrature-phase-shift quantum key distribution. Physical Review A, 2016, 94, .	1.0	10
6	Two-dimensional distributed-phase-reference protocol for quantum key distribution. Scientific Reports, 2016, 6, 36756.	1.6	30
7	Recent advances on integrated quantum communications. Journal of Optics (United Kingdom), 2016, 18, 083002.	1.0	103
8	Practical round-robin differential phase-shift quantum key distribution. Optics Express, 2016, 24, 20763.	1.7	17
9	Multiplexed entangled photon-pair sources for all-fiber quantum networks. Physical Review A, 2016, 94, .	1.0	29
10	Experimental demonstration of polarization encoding quantum key distribution system based on intrinsically stable polarization-modulated units. Optics Express, 2016, 24, 8302.	1.7	26
11	Trustworthiness of measurement devices in round-robin differential-phase-shift quantum key distribution. Physical Review A, 2016, 93, .	1.0	8
12	Detector-decoy quantum key distribution without monitoring signal disturbance. Physical Review A, 2016, 93, .	1.0	18
13	Experimental round-robin differential phase-shift quantum key distribution. Physical Review A, 2016, 93, .	1.0	40
14	Practical challenges in quantum key distribution. Npj Quantum Information, 2016, 2, .	2.8	489
15	N-dimensional measurement-device-independent quantum key distribution with $N+1$ un-characterized sources: zero quantum-bit-error-rate case. Scientific Reports, 2016, 6, 30036.	1.6	4
16	Round-robin differential-phase-shift quantum key distribution in wavelength-multiplexed fiber channel. , 2017, , .		0
17	Round-robin differential-phase-shift quantum key distribution with heralded pair-coherent sources. Quantum Information Processing, 2017, 16, 1.	1.0	26
18	Round-robin differential-phase-shift quantum key distribution with a passive decoy state method. Scientific Reports, 2017, 7, 42261.	1.6	18

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19	Experimentally feasible quantum-key-distribution scheme using qubit-like qudits and its comparison with existing qubit- and qudit-based protocols. <i>Physical Review A</i> , 2017, 95, .	1.0	6
20	QKD system with fast active optical path length compensation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	2.0	20
21	A security proof of the round-robin differential phase shift quantum key distribution protocol based on the signal disturbance. <i>Quantum Science and Technology</i> , 2017, 2, 024006.	2.6	10
22	Round-robin differential quadrature phase-shift quantum key distribution. <i>Chinese Physics B</i> , 2017, 26, 020303.	0.7	3
23	Practical round-robin differential-phase-shift quantum key distribution. <i>New Journal of Physics</i> , 2017, 19, 033013.	1.2	20
24	Proof of Security of a Semi-Device-Independent Quantum Key Distribution Protocol. <i>Chinese Physics Letters</i> , 2017, 34, 020302.	1.3	5
25	Round-Robin Differential Phase Shift with Heralded Single-Photon Source. <i>Chinese Physics Letters</i> , 2017, 34, 040301.	1.3	3
26	Differential-phase-shift quantum-key-distribution protocol with a small number of random delays. <i>Physical Review A</i> , 2017, 95, .	1.0	19
27	Plug-and-play round-robin differential phase-shift quantum key distribution. <i>Scientific Reports</i> , 2017, 7, 15435.	1.6	15
28	Experimental long-distance quantum secure direct communication. <i>Science Bulletin</i> , 2017, 62, 1519-1524.	4.3	208
29	Quantum Secure Direct Communication with Quantum Memory. <i>Physical Review Letters</i> , 2017, 118, 220501.	2.9	460
30	Robust generation of entangled state via ground-state antiblockade of Rydberg atoms. <i>Scientific Reports</i> , 2017, 7, 16489.	1.6	12
31	Manipulating photon coherence to enhance the security of distributed phase reference quantum key distribution. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	6
32	Biased decoy-state reference-frame-independent quantum key distribution. <i>European Physical Journal D</i> , 2017, 71, 1.	0.6	8
33	Asymmetric Decoy State Measurement-Device-Independent Quantum Cryptographic Conferencing. <i>Chinese Physics Letters</i> , 2017, 34, 080301.	1.3	2
34	Application of a Discrete Phase-Randomized Coherent State Source in Round-Robin Differential Phase-Shift Quantum Key Distribution. <i>Chinese Physics Letters</i> , 2017, 34, 080302.	1.3	0
35	Realistic Device Imperfections Affect the Performance of Hong-Ou-Mandel Interference With Weak Coherent States. <i>Journal of Lightwave Technology</i> , 2017, 35, 4996-5002.	2.7	16
36	Polarization variations in installed fibers and their influence on quantum key distribution systems. <i>Optics Express</i> , 2017, 25, 27923.	1.7	35

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38	Trustworthiness of devices in a quantum random number generator based on a symmetric beam splitter. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017, 34, 2185.	0.9	3
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44	Afterpulse Analysis for Quantum Key Distribution. <i>Physical Review Applied</i> , 2018, 10, .	1.5	33
45	Improving the Performance of Practical Decoy-State Measurement-Device-Independent Quantum Key Distribution with Biased Basis Choice. <i>Communications in Theoretical Physics</i> , 2018, 70, 331.	1.1	3
46	Passive round-robin differential-quadrature-phase-shift quantum key distribution scheme with untrusted detectors. <i>Chinese Physics B</i> , 2018, 27, 100309.	0.7	3
47	Round-robin-differential-phase-shift quantum key distribution based on wavelength division multiplexing. <i>Laser Physics Letters</i> , 2018, 15, 115201.	0.6	2
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49	Practical security of continuous-variable quantum key distribution under finite-dimensional effect of multi-dimensional reconciliation. <i>Chinese Physics B</i> , 2018, 27, 050301.	0.7	2
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54	Quantum secret sharing without monitoring signal disturbance. <i>Quantum Information Processing</i> , 2018, 17, 1.	1.0	2

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56	High-Speed Reconciliation for CVQKD Based on Spatially Coupled LDPC Codes. <i>IEEE Photonics Journal</i> , 2018, 10, 1-10.	1.0	12
57	FBG-Based Weak Coherent State and Entanglement-Assisted Multidimensional QKD. <i>IEEE Photonics Journal</i> , 2018, 10, 1-12.	1.0	14
58	Practical decoy-state quantum digital signature with optimized parameters. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 535, 122341.	1.2	6
59	Practical Quantum Private Query with Classical Participants. <i>Chinese Physics Letters</i> , 2019, 36, 030301.	1.3	4
60	Refined security proof of the round-robin differential-phase-shift quantum key distribution and its improved performance in the finite-sized case. <i>Physical Review A</i> , 2019, 99, .	1.0	10
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