

Wei Chen

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Twin-field quantum key distribution over 830-km fibre. <i>Nature Photonics</i> , 2022, 16, 154-161.	31.4	234
2	Beating the Fundamental Rate-Distance Limit in a Proof-of-Principle Quantum Key Distribution System. <i>Physical Review X</i> , 2019, 9, .	8.9	132
3	Robust and adaptable quantum key distribution network without trusted nodes. <i>Optica</i> , 2022, 9, 812.	9.3	55
4	Improved security bound for the round-robin-differential-phase-shift quantum key distribution. <i>Nature Communications</i> , 2018, 9, 457.	12.8	52
5	Quantum Key Distribution with On-Chip Dissipative Kerr Soliton. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900190.	8.7	44
6	Measurement-device-independent quantum key distribution for nonstandalone networks. <i>Photonics Research</i> , 2021, 9, 1881.	7.0	44
7	Characterizing High-Quality High-Dimensional Quantum Key Distribution by State Mapping Between Different Degrees of Freedom. <i>Physical Review Applied</i> , 2019, 11, .	3.8	23
8	Quantum key distribution based on quantum dimension and independent devices. <i>Physical Review A</i> , 2014, 89, .	2.5	22
9	Coexistence of quantum key distribution and optical transport network based on standard single-mode fiber at high launch power. <i>Optics Letters</i> , 2021, 46, 2573.	3.3	19
10	Quantum key distribution integrating with ultra-high-power classical optical communications based on ultra-low-loss fiber. <i>Optics Letters</i> , 2021, 46, 6099.	3.3	12
11	Interference at the single-photon level based on silica photonics robust against channel disturbance. <i>Photonics Research</i> , 2021, 9, 222.	7.0	11
12	Scalable orbital-angular-momentum sorting without destroying photon states. <i>Physical Review A</i> , 2016, 94, .	2.5	10
13	A universal simulating framework for quantum key distribution systems. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	9
14	Polarization-insensitive interferometer based on a hybrid integrated planar light-wave circuit. <i>Photonics Research</i> , 2021, 9, 2176.	7.0	8
15	Integration in the C-band between quantum key distribution and the classical channel of 25 dBm launch power over multicore fiber media. <i>Optics Letters</i> , 2022, 47, 3111.	3.3	7
16	Improving the performance of reference-frame-independent quantum key distribution through a turbulent atmosphere. <i>Physical Review A</i> , 2020, 102, .	2.5	5
17	Compact quantum random number generation using a linear optocoupler. <i>Optics Letters</i> , 2021, 46, 3175.	3.3	5
18	Quantum Key Distribution Over a Channel with Scattering. <i>Physical Review Applied</i> , 2022, 17, .	3.8	5

#	ARTICLE	IF	CITATIONS
19	Compressed 3D Image Information and Communication Security. <i>Advanced Quantum Technologies</i> , 2018, 1, 1800034.	3.9	4
20	Quantum random number generation based on spontaneous Raman scattering in standard single-mode fiber. <i>Optics Letters</i> , 2020, 45, 6038.	3.3	4
21	Perceiving Quantum Hacking for Quantum Key Distribution Using Temporal Ghost Imaging. <i>Physical Review Applied</i> , 2021, 15, .	3.8	3
22	Robust countermeasure against detector control attack in a practical quantum key distribution system: reply. <i>Optica</i> , 2020, 7, 1415.	9.3	1