

# Kiyoshi Tamaki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5480825/publications.pdf>

Version: 2024-02-01

18  
papers

2,398  
citations

567281

15  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1891  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Measurement-device-independent quantum key distribution with leaky sources. <i>Scientific Reports</i> , 2021, 11, 1678.                                | 3.3  | 16        |
| 2  | Practical Quantum Key Distribution That is Secure Against Side Channels. <i>Physical Review Applied</i> , 2021, 15, .                                  | 3.8  | 20        |
| 3  | Finite-key analysis of loss-tolerant quantum key distribution based on random sampling theory. <i>Physical Review A</i> , 2021, 104, .                 | 2.5  | 7         |
| 4  | Quantum key distribution with correlated sources. <i>Science Advances</i> , 2020, 6, .   | 10.3 | 52        |
| 5  | Quantum key distribution with simply characterized light sources. <i>Npj Quantum Information</i> , 2019, 5, .  | 6.7  | 6         |
| 6  | Quantum key distribution with flawed and leaky sources. <i>Npj Quantum Information</i> , 2019, 5, .  | 6.7  | 45        |
| 7  | Experimental time-reversed adaptive Bell measurement towards all-photon quantum repeaters. <i>Nature Communications</i> , 2019, 10, 378.               | 12.8 | 43        |
| 8  | Quantum key distribution with setting-choice-independently correlated light sources. <i>Npj Quantum Information</i> , 2019, 5, .                       | 6.7  | 29        |
| 9  | Finite-key security analysis for quantum key distribution with leaky sources. <i>New Journal of Physics</i> , 2018, 20, 083027.                        | 2.9  | 28        |
| 10 | Decoy-state quantum key distribution with a leaky source. <i>New Journal of Physics</i> , 2016, 18, 065008.  | 2.9  | 69        |
| 11 | Security of quantum key distribution with light sources that are not independently and identically distributed. <i>Physical Review A</i> , 2016, 93, . | 2.5  | 18        |
| 12 | Finite-key security analysis of quantum key distribution with imperfect light sources. <i>New Journal of Physics</i> , 2015, 17, 093011.               | 2.9  | 46        |
| 13 | Loss-tolerant quantum cryptography with imperfect sources. <i>Physical Review A</i> , 2014, 90, .  | 2.5  | 136       |
| 14 | Finite-key analysis for measurement-device-independent quantum key distribution. <i>Nature Communications</i> , 2014, 5, 3732.                         | 12.8 | 303       |
| 15 | Secure quantum key distribution. <i>Nature Photonics</i> , 2014, 8, 595-604.   | 31.4 | 880       |
| 16 | Unconditional security of the Bennett 1992 quantum-key-distribution scheme with a strong reference pulse. <i>Physical Review A</i> , 2009, 80, .       | 2.5  | 41        |
| 17 | Quantum key distribution over a 40-dB channel loss using superconducting single-photon detectors. <i>Nature Photonics</i> , 2007, 1, 343-348.          | 31.4 | 640       |
| 18 | Security of quantum key distribution with intensity correlations. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 5, 602.                   | 0.0  | 19        |