Tomoyuki Horikiri

List of Publications by Year in descending order

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758635 676716 32 482 12 22 citations h-index g-index papers 32 32 32 504 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Transfer of linewidth and frequency stability from an iodine-stabilized Nd:YAG laser to a quantum memory control laser through an optical frequency comb. Japanese Journal of Applied Physics, 2022, 61, 088003.	0.8	2
2	Offset-locking-based frequency stabilization of external cavity diode lasers for long-distance quantum communication. Japanese Journal of Applied Physics, 2021, 60, 122001.	0.8	5
3	Coupling of a quantum memory and telecommunication wavelength photons for high-rate entanglement distribution in quantum repeaters. Optics Express, 2021, 29, 41522.	1.7	6
4	Two-photon comb with wavelength conversion and 20-km distribution for quantum communication. Communications Physics, 2020, 3, .	2.0	12
5	Entanglement distribution between quantum repeater nodes with an absorptive type memory. International Journal of Quantum Information, 2020, 18, 2050026.	0.6	5
6	é•·è·é·¢¢‡å通ä¿j実ç¾ã®ãŸã,ã®é‡åä,継技è;"ã®ç"究開発. IEICE Communications Society Magazine, 20	02 0, d 4, 1	339141.
7	Blind quantum computation with a heralded single-photon source. Physical Review A, 2019, 99, .	1.0	7
8	Ultrabright narrow-band telecom two-photon source for long-distance quantum communication. Applied Physics Express, 2018, 11, 042801.	1.1	26
9	Transient Oscillatory Behaviors of Polariton Condensates. Journal of the Physical Society of Japan, 2018, 87, 094401.	0.7	3
10	Evaluation of laser frequency offset locking using an electrical delay line. Applied Optics, 2018, 57, 5628.	0.9	13
11	Two-step frequency conversion for connecting distant quantum memories by transmission through an optical fiber. Japanese Journal of Applied Physics, 2018, 57, 062801.	0.8	11
12	Compact frequency-stabilized pump laser for wavelength conversion in long-distance quantum communication. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2023.	0.9	1
13	1.5 -Â μ m Narrow-band Two-photon Source for Long-distance Quantum Communication. , $2018,$, .		0
14	Highly excited exciton-polariton condensates. Physical Review B, 2017, 95, .	1.1	18
15	High-energy side-peak emission of exciton-polariton condensates in high density regime. Scientific Reports, 2016, 6, 25655.	1.6	27
16	Quantum key distribution with mode-locked two-photon states. , 2015, , .		0
17	Two-photon interference at telecom wavelengths for time-bin-encoded single photons from quantum-dot spin qubits. Nature Communications, 2015, 6, 8955.	5.8	31
18	Background-free Quantum Frequency Downconversion for Two-photon Interference of Heterogeneous Photon Sources. , 2015, , .		0

#	Article	IF	Citations
19	Photoluminescence of high-density exciton-polariton condensates. Physical Review B, 2014, 90, .	1.1	10
20	New lasing from exciton-polariton condensates in high excitation regime., 2013,,.		0
21	Temperature Dependence of Highly Excited Exciton Polaritons in Semiconductor Microcavities. Journal of the Physical Society of Japan, 2013, 82, 084709.	0.7	18
22	Direct Photoluminescence Observation of the Negative Bogoliubov Branch in an Exciton-polariton Condensate. , $2012, $, .		0
23	Negative Bogoliubov dispersion in exciton-polariton condensates. Physical Review B, 2012, 85, .	1.1	40
24	Higher order coherence of exciton-polariton condensates. Physical Review B, 2010, 81, .	1.1	38
25	BCS Wave-Function Approach to the BEC-BCS Crossover of Exciton-Polariton Condensates. Physical Review Letters, 2010, 105, 186402.	2.9	63
26	Photon-number-resolved heralded-photon source for improved quantum key distribution. Physical Review A, 2007, 76, .	1.0	6
27	Decoy state quantum key distribution with a photon number resolved heralded single photon source. Physical Review A, 2006, 73, .	1.0	55
28	Quantum key distribution with a heralded single photon source and a photon number resolving detector. , 2006, , .		0
29	Security and gain improvement of a practical quantum key distribution using a gated single-photon source and probabilistic photon-number resolution. Physical Review A, 2005, 72, .	1.0	4
30	Polarization-entangled mode-locked photons from cavity-enhanced spontaneous parametric down-conversion. Physical Review A, 2004, 70, .	1.0	56
31	Two-photon interference of multimode two-photon pairs with an unbalanced interferometer. Physical Review A, 2004, 69, .	1.0	8
32	Observation of an oscillatory correlation function of multimode two-photon pairs. Physical Review A, 2003, 68, .	1.0	17