

J F Chen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

651
citations

623734

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docs citations

27
times ranked

436
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Narrow-Band Hyperentangled Nondegenerate Paired Photons. <i>Physical Review Letters</i> , 2011, 106, 033601.	7.8	78
2	Optical Precursors with Electromagnetically Induced Transparency in Cold Atoms. <i>Physical Review Letters</i> , 2009, 103, 093602.	7.8	75
3	Optimal storage and retrieval of single-photon waveforms. <i>Optics Express</i> , 2012, 20, 24124.	3.4	60
4	A dark-line two-dimensional magneto-optical trap of 85Rb atoms with high optical depth. <i>Review of Scientific Instruments</i> , 2012, 83, 073102.	1.3	57
5	Optical Precursor of a Single Photon. <i>Physical Review Letters</i> , 2011, 106, 243602.	7.8	56
6	Shaping Biphoton Temporal Waveforms with Modulated Classical Fields. <i>Physical Review Letters</i> , 2010, 104, 183604.	7.8	48
7	Temporal Purity and Quantum Interference of Single Photons from Two Independent Cold Atomic Ensembles. <i>Physical Review Letters</i> , 2016, 117, 013602.	7.8	34
8	Two-photon interferences with degenerate and nondegenerate paired photons. <i>Physical Review A</i> , 2012, 85, .	2.5	31
9	Stacked Optical Precursors from Amplitude and Phase Modulations. <i>Physical Review Letters</i> , 2010, 104, 223602.	7.8	30
10	Coherence time limit of the biphotons generated in a dense cold atomcloud. <i>Scientific Reports</i> , 2015, 5, 9126.	3.3	27
11	Absolute sensitivity of phase measurement in an SU(1,1) type interferometer. <i>Optics Letters</i> , 2018, 43, 1051.	3.3	27
12	Optical coherent transients in cold atoms: From free-induction decay to optical precursors. <i>Physical Review A</i> , 2010, 81, .	2.5	26
13	SU(2)-in-SU(1,1) Nested Interferometer for High Sensitivity, Loss-Tolerant Quantum Metrology. <i>Physical Review Letters</i> , 2022, 128, 033601.	7.8	21
14	Non-Hermitian Magnon-Photon Interference in an Atomic Ensemble. <i>Physical Review Letters</i> , 2019, 122, 253602.	7.8	18
15	Quantum teleportation of photonic qudits using linear optics. <i>Physical Review A</i> , 2019, 100, .	2.5	16
16	Tomography of the Temporal-Spectral State of Subnatural-Linewidth Single Photons from Atomic Ensembles. <i>Physical Review Applied</i> , 2018, 10, .	3.8	12
17	Quantum Interference between Photons and Single Quanta of Stored Atomic Coherence. <i>Physical Review Letters</i> , 2022, 128, 083605.	7.8	9
18	Optical precursors with finite rise and fall time. <i>Journal of Optics (United Kingdom)</i> , 2010, 12, 104010.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Narrowband photon pair generation and waveform reshaping. <i>Frontiers of Physics</i> , 2012, 7, 494-503.	5.0	6
20	Tunable atom-light beam splitter using electromagnetically induced transparency. <i>Physical Review A</i> , 2018, 97, .	2.5	5
21	Temporal interference with frequency-controllable long photons from independent cold atomic sources. <i>Physical Review A</i> , 2018, 97, .	2.5	3
22	Photon Coalescence in a Lossy Non-Hermitian Beam Splitter. <i>Chinese Physics Letters</i> , 2020, 37, 084203.	3.3	3
23	Two-photon free-induction decay with electromagnetically induced transparency. <i>Optics Letters</i> , 2010, 35, 1923.	3.3	2
24	Optical Precursors in Slow and Fast Light Media. , 2011, , .		0
25	Temporal pure single photons generated from time-frequency entangled biphotons. , 2016, , .		0
26	Generation of Narrowband Hyperentangled Biphotons. , 2011, , .		0
27	Tunable magnon-photon beam-splitter based on a cold atomic cloud. , 2021, , .		0