

Mâ€v Jabir

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

359
citations

933447

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h-index

1125743

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all docs

17
docs citations

17
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of "perfect" vortex of variable size and its effect in angular spectrum of the down-converted photons. Scientific Reports, 2016, 6, 21877.	3.3	82
2	Hollow Gaussian beam generation through nonlinear interaction of photons with orbital angular momentum. Scientific Reports, 2016, 6, 32464.	3.3	46
3	Frequency-doubling characteristics of high-power, ultrafast vortex beams. Optics Letters, 2015, 40, 2614.	3.3	42
4	High-power, high-repetition-rate, Yb-fiber laser based femtosecond source at 355 nm. Optics Letters, 2015, 40, 4269.	3.3	38
5	Efficient nonlinear generation of high power, higher order, ultrafast "perfect" vortices in green. Optics Letters, 2016, 41, 1348.	3.3	38
6	Robust, high brightness, degenerate entangled photon source at room temperature. Scientific Reports, 2017, 7, 12613.	3.3	26
7	Direct transfer of classical non-separable states into hybrid entangled two photon states. Scientific Reports, 2017, 7, 7331.	3.3	22
8	Practical quantum-enhanced receivers for classical communication. AVS Quantum Science, 2021, 3, .	4.9	22
9	Time-Resolving Quantum Measurement Enables Energy-Efficient, Large-Alphabet Communication. PRX Quantum, 2020, 1, .	9.2	19
10	Experimental demonstration of the near-quantum optimal receiver. OSA Continuum, 2020, 3, 3324.	1.8	10
11	Experimental Shot-by-Shot Estimation of Quantum Measurement Confidence. Physical Review Letters, 2022, 128, 040404.	7.8	5
12	Energy and bandwidth efficiency optimization of quantum-enabled optical communication channels. Npj Quantum Information, 2022, 8, .	6.7	4
13	Experimental demonstration of time resolving quantum receiver for bandwidth and power efficient communications. , 2020, , .		3
14	Controlling the bi-photon orbital angular momentum eigenmodes using asymmetric pump vortex beam. Journal of Optics (United Kingdom), 2019, 21, 055201.	2.2	2
15	Generation of variable sized "perfect" vortex and its effect in parametric down conversion process. , 2016, , .		0
16	Nonlinear interaction of oppositely charged vortices generating hollow Gaussian beams. , 2017, , .		0
17	Enhancing the number of bi-photon orbital angular momentum modes using asymmetric vortex beam. , 2018, , .		0