

Mâ€v Jabir

List of Publications by Year in descending order

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17
papers

359
citations

933447

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17
all docs

17
docs citations

17
times ranked

317
citing authors

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