

Apurv Chaitanya Nellikka

List of Publications by Year in descending order

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43
docs citations

43
times ranked

428
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	Ultrafast optical vortex beam generation in the ultraviolet. Optics Letters, 2016, 41, 2715.	3.3	36
7	Multiparticle quantum plasmonics. Nanophotonics, 2020, 9, 1243-1269.	6.0	32
8	Type-I frequency-doubling characteristics of high-power, ultrafast fiber laser in thick BIBO crystal. Optics Letters, 2014, 39, 5419.	3.3	31
9	Airy beam optical parametric oscillator. Scientific Reports, 2016, 6, 25245.	3.3	23
10	Direct transfer of classical non-separable states into hybrid entangled two photon states. Scientific Reports, 2017, 7, 7331.	3.3	22
11	Frequency-conversion of vector vortex beams with space-variant polarization in single-pass geometry. Applied Physics Letters, 2019, 115, .	3.3	17
12	All-periodically poled, high-power, continuous-wave, single-frequency tunable UV source. Optics Letters, 2015, 40, 33.	3.3	16
13	High-power, continuous-wave, solid-state, single-frequency, tunable source for the ultraviolet. Optics Letters, 2014, 39, 3410.	3.3	15
14	High power, higher order ultrafast hollow Gaussian beams. Applied Physics Letters, 2017, 110, 211103.	3.3	14
15	High-power, high repetition-rate, ultrafast fibre laser based source of DUV radiation at 266 nm. OSA Continuum, 2019, 2, 99.	1.8	11
16	Frequency-Doubling of Femtosecond Pulses in "Thick" Nonlinear Crystals With Different Temporal and Spatial Walk-Off Parameters. IEEE Photonics Journal, 2016, 8, 1-13.	2.0	7
17	Ultrafast Airy beam optical parametric oscillator. Scientific Reports, 2016, 6, 30701.	3.3	5
18	Multi-gigahertz, femtosecond Airy beam optical parametric oscillator pumped at 78 MHz. Scientific Reports, 2017, 7, 43913.	3.3	4

#	ARTICLE	IF	CITATIONS
19	Lattice-plasmon-induced asymmetric transmission in two-dimensional chiral arrays. APL Photonics, 2022, 7, .	5.7	4
20	All Periodically-poled Crystals Based Source of Tunable, Continuous-wave, Single-frequency, Ultraviolet Radiation. , 2015, , .		0
21	High-Power, CW, Airy Beam Optical Parametric Oscillator. , 2015, , .		0
22	Single-frequency continuous-wave tunable ultraviolet sources based on BIBO and PPKTP crystals and their comparative studies. , 2015, , .		0
23	Nonlinear frequency conversion of structured beams and Airy beam optical parametric oscillator. Proceedings of SPIE, 2017, , .	0.8	0
24	Transfer of classical non-separable state to hybrid entangled two photon state in parametric down conversion process. , 2017, , .		0
25	Generation of Vortex Beams using a Plasmonic Quadrumer Nanocluster. , 2018, , .		0
26	Diffraction-assisted asymmetric transmission in a plasmonic metasurface. , 2021, , .		0
27	Continuous-wave, High Power, Single-frequency, Tunable Ultraviolet Source Based on all Periodically Poled Crystals. , 2014, , .		0
28	Optimization of Frequency-doubling of High Power, High Repetition Rate, Femtosecond Fiber Laser in Thick Nonlinear Crystal. , 2014, , .		0
29	Generation and Characterization of High Power and Higher Order Ultrafast Optical Vortices. , 2015, , .		0
30	High-Power, Continuous-wave, Source Of Coherent Radiation In 2-D Airy Intensity Distribution. , 2015, , .		0
31	Fiber Laser Based High Power, Ultrafast Source for 355 nm. , 2015, , .		0
32	Generation of variable sized perfect vortex and its effect in parametric down conversion process. , 2016, , .		0
33	Nonlinear Generation of Hollow Gaussian Beam. , 2016, , .		0
34	Nonlinear generation of high power and higher order hollow Gaussian beam. , 2016, , .		0
35	Optical Vortex Beam Generation in the Deep-Ultraviolet. , 2016, , .		0
36	Multi GHz Repetition Rate Airy Beam Radiation In Higher-harmonic Fractional Cavity OPO. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	Generation of hybrid entangled two photon state by transferring classical non separable sate. , 2016, , .		0
38	Control of spatial distribution of entangled photons by the spatial structure of classical pump beam. , 2016, , .		0
39	Nonlinear generation of perfect vortex beam. , 2016, , .		0
40	Multi-GHz femtosecond Airy beam radiation in higher-harmonic fractional cavity OPO. , 2017, , .		0
41	Nonlinear interaction of ultrafast hollow Gaussian beams. , 2017, , .		0
42	Nonlinear interaction of oppositely charged vortices generating hollow Gaussian beams. , 2017, , .		0