

Apurv Chaitanya Nellikka

List of Publications by Year in descending order

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42
papers

483
citations

623734

14
h-index

794594

19
g-index

43
all docs

43
docs citations

43
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice-plasmon-induced asymmetric transmission in two-dimensional chiral arrays. APL Photonics, 2022, 7, .	5.7	4
2	Diffraction-assisted asymmetric transmission in a plasmonic metasurface. , 2021, , .		0
3	Multiparticle quantum plasmonics. Nanophotonics, 2020, 9, 1243-1269.	6.0	32
4	Frequency-conversion of vector vortex beams with space-variant polarization in single-pass geometry. Applied Physics Letters, 2019, 115, .	3.3	17
5	High-power, high repetition-rate, ultrafast fibre laser based source of DUV radiation at 266 nm. OSA Continuum, 2019, 2, 99.	1.8	11
6	Generation of Vortex Beams using a Plasmonic Quadrumer Nanocluster. , 2018, , .		0
7	Nonlinear frequency conversion of structured beams and Airy beam optical parametric oscillator. Proceedings of SPIE, 2017, , .	0.8	0
8	Multi-gigahertz, femtosecond Airy beam optical parametric oscillator pumped at 78 MHz. Scientific Reports, 2017, 7, 43913.	3.3	4
9	High power, higher order ultrafast hollow Gaussian beams. Applied Physics Letters, 2017, 110, 211103.	3.3	14
10	Direct transfer of classical non-separable states into hybrid entangled two photon states. Scientific Reports, 2017, 7, 7331.	3.3	22
11	Transfer of classical non-separable state to hybrid entangled two photon state in parametric down conversion process. , 2017, , .		0
12	Multi-GHz femtosecond Airy beam radiation in higher-harmonic fractional cavity OPO. , 2017, , .		0
13	Nonlinear interaction of ultrafast hollow Gaussian beams. , 2017, , .		0
14	Nonlinear interaction of oppositely charged vortices generating hollow Gaussian beams. , 2017, , .		0
15	Airy beam optical parametric oscillator. Scientific Reports, 2016, 6, 25245.	3.3	23
16	Hollow Gaussian beam generation through nonlinear interaction of photons with orbital angular momentum. Scientific Reports, 2016, 6, 32464.	3.3	46
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Ultrafast Airy beam optical parametric oscillator. Scientific Reports, 2016, 6, 30701.	3.3	5
20	Ultrafast optical vortex beam generation in the ultraviolet. Optics Letters, 2016, 41, 2715.	3.3	36
21	Efficient nonlinear generation of high power, higher order, ultrafast "perfect" vortices in green. Optics Letters, 2016, 41, 1348.	3.3	38
22	Generation of variable sized "perfect" vortex and its effect in parametric down conversion process. , 2016, , .		0
23	Nonlinear Generation of Hollow Gaussian Beam. , 2016, , .		0
24	Nonlinear generation of high power and higher order hollow Gaussian beam. , 2016, , .		0
25	Optical Vortex Beam Generation in the Deep-Ultraviolet. , 2016, , .		0
26	Multi GHz Repetition Rate Airy Beam Radiation In Higher-harmonic Fractional Cavity OPO. , 2016, , .		0
27	Generation of hybrid entangled two photon state by transferring classical non separable state. , 2016, , .		0
28	Control of spatial distribution of entangled photons by the spatial structure of classical pump beam. , 2016, , .		0
29	Nonlinear generation of perfect vortex beam. , 2016, , .		0
30	All-periodically poled, high-power, continuous-wave, single-frequency tunable UV source. Optics Letters, 2015, 40, 33.	3.3	16
31	High-power, high-repetition-rate, Yb-fiber laser based femtosecond source at 355 nm. Optics Letters, 2015, 40, 4269.	3.3	38
32	Frequency-doubling characteristics of high-power, ultrafast vortex beams. Optics Letters, 2015, 40, 2614.	3.3	42
33	All Periodically-poled Crystals Based Source of Tunable, Continuous-wave, Single-frequency, Ultraviolet Radiation. , 2015, , .		0
34	High-Power, CW, Airy Beam Optical Parametric Oscillator. , 2015, , .		0
35	Single-frequency continuous-wave tunable ultraviolet sources based on BIBO and PPKTP crystals and their comparative studies. , 2015, , .		0
36	Generation and Characterization of High Power and Higher Order Ultrafast Optical Vortices. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	High-Power, Continuous-wave, Source Of Coherent Radiation In 2-D Airy Intensity Distribution. , 2015, , .		0
38	Fiber Laser Based High Power, Ultrafast Source for 355 nm. , 2015, , .		0
39	High-power, continuous-wave, solid-state, single-frequency, tunable source for the ultraviolet. Optics Letters, 2014, 39, 3410.	3.3	15
40	Type-I frequency-doubling characteristics of high-power, ultrafast fiber laser in thick BIBO crystal. Optics Letters, 2014, 39, 5419.	3.3	31
41	Continuous-wave, High Power, Single-frequency, Tunable Ultraviolet Source Based on all Periodically Poled Crystals. , 2014, , .		0
42	Optimization of Frequency-doubling of High Power, High Repetition Rate, Femtosecond Fiber Laser in Thick Nonlinear Crystal. , 2014, , .		0