

Yanwang Zhai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6682983/publications.pdf>

Version: 2024-02-01

15
papers

511
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote detection of a rotator based on rotational Doppler effect. Applied Physics Express, 2020, 13, 022012.	2.4	28
2	Universal orbital angular momentum spectrum analyzer for beams. PhotonIX, 2020, 1, .	13.5	69
3	Turbulence aberration correction for vector vortex beams using deep neural networks on experimental data. Optics Express, 2020, 28, 7515.	3.4	41
4	The radial Doppler effect of optical vortex beams induced by a surface with radially moving periodic structure. Journal of Optics (United Kingdom), 2019, 21, 054002.	2.2	12
5	Detection of angular acceleration based on optical rotational Doppler effect. Optics Express, 2019, 27, 15518.	3.4	55
6	Experimental demonstration of free-space multi-state orbital angular momentum shift keying. Optics Express, 2019, 27, 33111.	3.4	38
7	Demonstration of free-space one-to-many multicasting link from orbital angular momentum encoding. Optics Letters, 2019, 44, 4753.	3.3	39
8	Mixed orbital angular momentum amplitude shift keying through a single hologram. OSA Continuum, 2018, 1, 295.	1.8	15
9	Tailoring arbitrary hybrid Poincaré beams through a single hologram. Applied Physics Letters, 2017, 111, 211101.	3.3	31
10	Pre-correction of distorted Bessel-Gauss beams without wavefront detection. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	7
11	Selective acquisition of multiple states on hybrid Poincare sphere. Applied Physics Letters, 2017, 110, .	3.3	29
12	Detection of topological charges for coaxial multiplexed perfect vortices. , 2017, , .		1
13	Non-diffractive Bessel-Gauss beams for the detection of rotating object free of obstructions. Optics Express, 2017, 25, 20098.	3.4	68
14	Non-probe compensation of optical vortices carrying orbital angular momentum. Photonics Research, 2017, 5, 251.	7.0	39
15	Simultaneous generation of multiple perfect polarization vortices with selective spatial states in various diffraction orders. Optics Letters, 2016, 41, 5454.	3.3	39