

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