

Zilong Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6181991/publications.pdf>

Version: 2024-02-01

14
papers

75
citations

1684188

5
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Second harmonic generation of laser beams in transverse mode locking states. <i>Advanced Photonics</i> , 2022, 4, .	11.8	17
2	Spontaneous Phase and Frequency Locking of Transverse Modes in Different Orders. <i>Physical Review Applied</i> , 2020, 13, .	3.8	12
3	Direct Generation of Vortex Beam With a Dual-Polarization Microchip Laser. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1221-1224.	2.5	10
4	Design of an Active Laser Mini-Camera Detection System Using CNN. <i>IEEE Photonics Journal</i> , 2019, 11, 1-12.	2.0	6
5	Investigation on the Formation of Laser Transverse Pattern Possessing Optical Lattices. <i>Frontiers in Physics</i> , 2022, 9, .	2.1	6
6	Intra-Cavity Generation of Linearly Distributed and Continuously Varied Optical Vortices. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 196-199.	2.5	5
7	A dual-frequency continuous wave doppler lidar for velocity measurement at far distance. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 1588-1594.	1.4	4
8	Highly Efficient Solar Laser Pumping Using a Solar Concentrator Combining a Fresnel Lens and Modified Parabolic Mirror. <i>Energies</i> , 2022, 15, 1792.	3.1	4
9	Self-Q-switch regime based on a beat effect with a dual-frequency microchip laser. <i>Physical Review A</i> , 2018, 98, .	2.5	3
10	An Improved SURF in Image Mosaic Based on Deep Learning. , 2019, , .		3
11	Selective Generation of Laser Transverse Modes by Gain Regulation With a Digital Micromirror Device. <i>IEEE Photonics Technology Letters</i> , 2022, 34, 420-423.	2.5	3
12	Analysis of Mini-Camera's Cat-Eye Retro-Reflection for Characterization of Diffraction Rings and Arrayed Spots. <i>IEEE Photonics Journal</i> , 2019, 11, 1-12.	2.0	1
13	Generation and Thermal Properties of a Dual-Transverse-Mode With Dual-Polarization and Dual-Frequency by a Dual-Medium Microchip Laser. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	2.0	1
14	Investigation of dependence of solar-pumped laser power on laser medium length. <i>Journal of Photonics for Energy</i> , 2022, 12, .	1.3	0