Zilong Zhang

List of Publications by Year
in descending order

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		1684188	1588992
14	75	5	8
papers	citations	h-index	g-index

14	14	14	32
all docs	docs citations	times ranked	citing authors

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