

Panchun Gu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3305188/publications.pdf>

Version: 2024-02-01

19
papers

136
citations

1478505

6
h-index

1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	Hexagonal microlens array fabricated by direct laser writing and inductively coupled plasma etching on organic light emitting devices to enhance the outcoupling efficiency. <i>Applied Optics</i> , 2009, 48, 974.	2.1	33
2	Sub-wavelength surface structuring of NiTi alloy by femtosecond laser pulses. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 635-642.	2.3	26
3	Microaxicave: inverted microaxicon to generate a hollow beam. <i>Optics Letters</i> , 2010, 35, 2158.	3.3	12
4	Characteristic control of long period fiber grating (LPFG) fabricated by infrared femtosecond laser. <i>Frontiers of Optoelectronics</i> , 2012, 5, 334-340.	3.7	8
5	Microaxicave colour analysis system for fluoride concentration using a smartphone. <i>RSC Advances</i> , 2017, 7, 42339-42344.	3.6	8
6	Insights into the generation of laser-induced assembly of MoSe ₂ nanospheres. <i>Nano Research</i> , 2022, 15, 6686-6694.	10.4	8
7	Hybridly Polarized Nanofocusing of Metallic Helical Nanocone. <i>IEEE Photonics Journal</i> , 2014, 6, 1-9.	2.0	5
8	Curved Surface Plasmon Polariton Excitation With Shaped Beam by Fifth-Power Phase Mask. <i>IEEE Photonics Journal</i> , 2015, 7, 1-5.	2.0	5
9	Dynamic imaging of zebrafish heart with multi- ϵ planar light sheet microscopy. <i>Journal of Biophotonics</i> , 2021, 14, e202000466.	2.3	5
10	Tuning of Plasmonic Nanofocusing with Non-Linear Metallic Helical Nanocone. <i>Plasmonics</i> , 2017, 12, 685-690.	3.4	4
11	Solution Classification With Portable Smartphone-Based Spectrometer System Under Variant Shooting Conditions by Using Convolutional Neural Network. <i>IEEE Sensors Journal</i> , 2020, 20, 8789-8796.	4.7	4
12	All-Dielectric Meta-Surface for Multispectral Photography by Theta Modulation. <i>Nanomaterials</i> , 2020, 10, 369.	4.1	4
13	Thinner and Longer Working Distance Light Sheet Illumination and Microscopic Imaging. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-7.	2.9	3
14	Arrangement of Micro Dielectric Particles With Vector Vortex Beam Generated by Dual-Helical Dielectric Cone. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-8.	2.9	3
15	Efficient Surface Plasmon Polariton Excitation with the Beam Generated by Micro Triangular Prism. <i>Plasmonics</i> , 2012, 7, 383-387.	3.4	2
16	Visible-broadband Localized Vector Vortex Beam Generator with a Multi-structure-composited Meta-surface. <i>Nanomaterials</i> , 2019, 9, 166.	4.1	2
17	Improvement of telescope resolution using a diffractive phase modulator. <i>Scientific Reports</i> , 2019, 9, 3475.	3.3	2
18	Vector beam tuning with axisymmetric dielectric micro helical cone. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, , 1-1.	2.9	1

#	ARTICLE	IF	CITATIONS
19	Partially disordered nano-porous metallic oxide engineering: surface morphology controllability and multiple scattering properties. <i>Nanotechnology</i> , 2020, 31, 395701.	2.6	1