

Xiaofeng Lv

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7648148/publications.pdf>

Version: 2024-02-01

18
papers

314
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Object reconstitution using pseudo-inverse for ghost imaging. Optics Express, 2014, 22, 30063.	3.4	90
2	Wide-steering-angle high-resolution optical phased array. Photonics Research, 2021, 9, 2511.	7.0	59
3	Unidirectional large-scale waveguide grating with uniform radiation for optical phased array. Optics Express, 2021, 29, 20995.	3.4	27
4	Investigation and demonstration of a high-power handling and large-range steering optical phased array chip. Optics Express, 2021, 29, 29755.	3.4	25
5	Omnidirectional beam steering using aperiodic optical phased array with high error margin. Optics Express, 2018, 26, 19154.	3.4	23
6	Scalar-matrix-structured ghost imaging. Photonics Research, 2016, 4, 281.	7.0	22
7	Large-Scale Integrated Multi-Lines Optical Phased Array Chip. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	18
8	Two-dimensional multi-layered SiN-on-SOI optical phased array with wide-scanning and long-distance ranging. Optics Express, 2022, 30, 5008.	3.4	15
9	Experimental Investigation of Iterative Pseudoinverse Ghost Imaging. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	10
10	Simultaneous Realization of Laser Ranging and Communication Based on Dual-Pulse Interval Modulation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	8
11	Effects of unit size on current density and illuminance of micro-LED-array. Optoelectronics Letters, 2017, 13, 84-89.	0.8	5
12	A Large-Range Steering Optical Phased Array Chip and High-Speed Controlling System. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	4
13	Thermal analysis and an improved heat-dissipation structure design for an AlGaInP-LED micro-array device. Optoelectronics Letters, 2017, 13, 282-286.	0.8	2
14	Object Reconstruction Using the Binomial Theorem for Ghost Imaging. IEEE Photonics Journal, 2018, 10, 1-13.	2.0	2
15	Ghost Imaging by a Proportional Parameter to Filter Bucket Data. Applied Sciences (Switzerland), 2021, 11, 227.	2.5	2
16	Experimental Investigation of Anisotropic Diffusion Applied in Ghost Imaging Reconstruction. Applied Sciences (Switzerland), 2020, 10, 6437.	2.5	1
17	Lateral separate absorption charge multiplication Ge-on-Si avalanche photodiode with low dark current in linear mode. Optics Communications, 2022, 518, 128343.	2.1	1
18	Electrical Derivative Measurement of High-Power InGaAs LDs Under Scanning Current with Variable Step. Chinese Journal of Electronics, 2017, 26, 508-513.	1.5	0