

Xiaofeng Lv

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Unidirectional large-scale waveguide grating with uniform radiation for optical phased array. Optics Express, 2021, 29, 20995.	3.4	27
5	Investigation and demonstration of a high-power handling and large-range steering optical phased array chip. Optics Express, 2021, 29, 29755.	3.4	25
6	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
7	Wide-steering-angle high-resolution optical phased array. Photonics Research, 2021, 9, 2511.	7.0	59
8	Ghost Imaging by a Proportional Parameter to Filter Bucket Data. Applied Sciences (Switzerland), 2021, 11, 227.	2.5	2
9	Experimental Investigation of Anisotropic Diffusion Applied in Ghost Imaging Reconstruction. Applied Sciences (Switzerland), 2020, 10, 6437.	2.5	1
10	Large-Scale Integrated Multi-Lines Optical Phased Array Chip. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	18
11	Object Reconstruction Using the Binomial Theorem for Ghost Imaging. IEEE Photonics Journal, 2018, 10, 1-13.	2.0	2
12	Experimental Investigation of Iterative Pseudoinverse Ghost Imaging. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	10
13	Omnidirectional beam steering using aperiodic optical phased array with high error margin. Optics Express, 2018, 26, 19154.	3.4	23
14	Effects of unit size on current density and illuminance of micro-LED-array. Optoelectronics Letters, 2017, 13, 84-89.	0.8	5
15	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
16	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
17	Scalar-matrix-structured ghost imaging. Photonics Research, 2016, 4, 281.	7.0	22
18	Object reconstitution using pseudo-inverse for ghost imaging. Optics Express, 2014, 22, 30063.	3.4	90