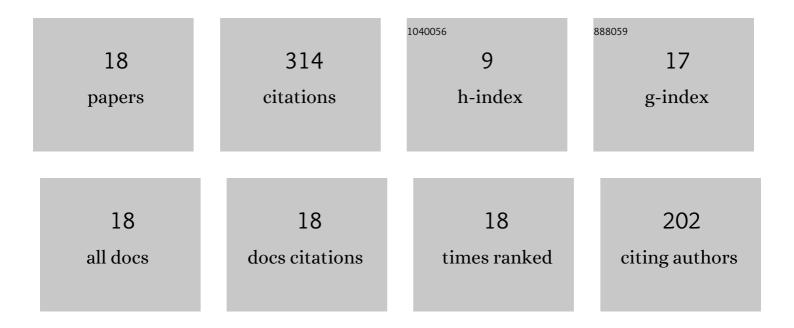
Xiaofeng Lv

List of Publications by Year in descending order

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| # | 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 Highâ€Power InGaAs LDs Under Scanning Current with Variable Step. Chinese Journal of Electronics, 2017, 26, 508-513. | 1.5 | 0 |