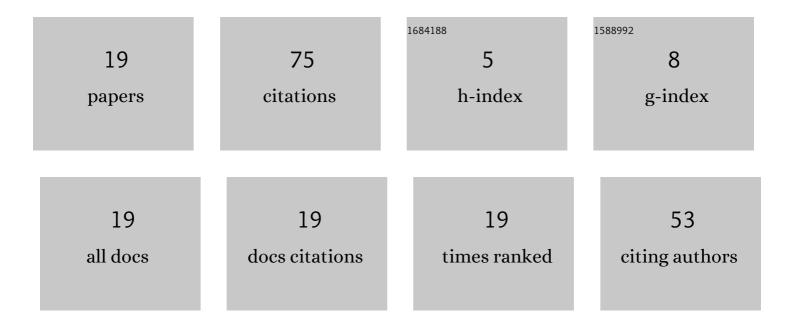
Liu Yang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Joint Carrier Frequency Offset and Phase Noise Estimation Based on Pseudo-Pilot in CO-FBMC/OQAM System. IEEE Photonics Journal, 2019, 11, 1-11. | 2.0 | 10 |
| 2 | Multi-channel multi-task optical performance monitoring based multi-input multi-output deep learning and transfer learning for SDM. Optics Communications, 2021, 495, 127110. | 2.1 | 10 |
| 3 | Adaptive EKF Based Estimation Method for Phase Noise in CO-OFDM/OQAM System. IEEE Access, 2020, 8, 204931-204940. | 4.2 | 6 |
| 4 | Joint Fiber Nonlinear Noise Estimation, OSNR Estimation and Modulation Format Identification Based on Asynchronous Complex Histograms and Deep Learning for Digital Coherent Receivers. Sensors, 2021, 21, 380. | 3.8 | 6 |
| 5 | Fabrication and transmission of optical polymer waveguide backplane for high - performance computers. Optics Express, 2020, 28, 14605. | 3.4 | 6 |
| 6 | Pilot-based extended Kalman filter for phase noise estimation in CO-FBMC/OQAM systems. Optics Communications, 2019, 443, 116-122. | 2.1 | 5 |
| 7 | Application of hydrogel patches to the upper margins of N95 respirators as a novel antifog measure for goggles: A prospective, self-controlled study. Journal of the American Academy of Dermatology, 2020, 83, 1539-1541. | 1.2 | 5 |
| 8 | Orthogonal modulation system with Manchester-coded payload and frequency-shift keying label. Optical Engineering, 2016, 55, 046108. | 1.0 | 4 |
| 9 | Novel FSK format for 40-Gb/s transmission using FSK modulator. Optics Communications, 2016, 363, 104-109. | 2.1 | 4 |
| 10 | Design and matrix analysis of optical switch with multicast function using general MZI. Optik, 2017, 138, 166-174. | 2.9 | 4 |
| 11 | Multi-Node All-Optical Interconnect Network Routing for Data-Center Parallel Computers. IEEE Photonics Journal, 2019, 11, 1-8. | 2.0 | 4 |
| 12 | Analysis of phase estimation for star QAM coherent optical packet switched system. Optics Communications, 2021, 487, 126805. | 2.1 | 3 |
| 13 | Realization of FSK/ASK modulation format based on a dual-parallel modulator. Optical and Quantum Electronics, 2017, 49, 1. | 3.3 | 2 |
| 14 | RF-pilot-based partition phase correction for CO-OFDM system phase noise mitigation. Optical Engineering, 2018, 57, 1. | 1.0 | 2 |
| 15 | Generation and transmission analysis of 4-ary frequency shift keying based on dual-parallel Mach-Zehnder modulator. Frontiers of Optoelectronics, 2017, 10, 160-165. | 3.7 | 1 |
| 16 | 16QAM spectral efficiency frequency division multiplexing transmission with Tomlinson–Harashima precoding for intensity modulation and direct detection optical links. Optical and Quantum Electronics, 2020, 52, 1. | 3.3 | 1 |
| 17 | Challenges and countermeasures in the prevention of nosocomial infections of SARS-CoV-2 before resumption of work: Implications for the dermatology department. Journal of the American Academy of Dermatology, 2020, 83, 961-963. | 1.2 | 1 |
| 18 | Improved receiver of ICI compensation for a spectral efficient frequency division multiplexing IM/DD system. Optics Express, 2021, 29, 3067. | 3.4 | 1 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Novel frequency shift keying modulation based on fiber Bragg gratings and intensity modulators. Frontiers of Optoelectronics, 2016, 9, 616-620. | 3.7 | 0 |