

Liu Yang

List of Publications by Year in descending order

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19
papers

75
citations

1684188
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h-index

1588992
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g-index

19
all docs

19
docs citations

19
times ranked

53
citing authors

#	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