

Xiaojie Fan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Joint Optical Performance Monitoring and Modulation Format/Bit-Rate Identification by CNN-Based Multi-Task Learning. IEEE Photonics Journal, 2018, 10, 1-12.	2.0	36
2	Feature Fusion-Based Multi-Task ConvNet for Simultaneous Optical Performance Monitoring and Bit-Rate/Modulation Format Identification. IEEE Access, 2019, 7, 126709-126719.	4.2	18
3	Mitigating ambiguity by deep-learning-based modal decomposition method. Optics Communications, 2020, 471, 125845.	2.1	15
4	Design of weakly-coupled three-spatial-mode rectangular-ring core fiber for short-reach MDM networks in C+L band. Optical and Quantum Electronics, 2018, 50, 1.	3.3	8
5	Reliable Optical Performance Monitor: The Combination of Parallel Framework and Skip Connected Generative Adversarial Network. IEEE Access, 2020, 8, 158391-158401.	4.2	5
6	Design of weakly-coupled trench-assisted five-mode M-type fiber for short-haul communication in O band. Optical and Quantum Electronics, 2018, 50, 1.	3.3	4
7	Variable-Ratio Mode-Insensitive 1 Å— 2 Power Splitter Based on MMI Couplers and Phase Shifters. IEEE Photonics Journal, 2018, 10, 1-12.	2.0	4
8	Enhancing the Credibility of the Optical Performance Monitor With Adversarial Training. IEEE Access, 2020, 8, 75682-75690.	4.2	4
9	Improving the adaptability of the optical performance monitor by transfer learning. Applied Optics, 2021, 60, 4827.	1.8	3
10	Switchable transverse-mode operation of an actively mode-locked EDF laser based on low-modal-crosstalk mode MUX/DEMUX. Indian Journal of Physics, 2020, 94, 1071-1078.	1.8	1
11	Design of Weakly-Coupled 16-Vector-Mode Coaxial Bragg FMF for Short-Haul Communication. IEEE Access, 2020, 8, 215214-215223.	4.2	1