

Weiyang Mo

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Model transfer of QoT prediction in optical networks based on artificial neural networks. Journal of Optical Communications and Networking, 2019, 11, C48.	4.8	42
2	Deep-Neural-Network-Based Wavelength Selection and Switching in ROADM Systems. Journal of Optical Communications and Networking, 2018, 10, D1.	4.8	35
3	ANN-Based Transfer Learning for QoT Prediction in Real-Time Mixed Line-Rate Systems. , 2018, , .		31
4	tSDX: Enabling Impairment-Aware All-Optical Inter-Domain Exchange. Journal of Lightwave Technology, 2018, 36, 142-154.	4.6	21
5	Deep Neural Network Based Dynamic Resource Reallocation of BBU Pools in 5G C-RAN ROADM Networks. , 2018, , .		20
6	Neural Network Based Wavelength Assignment in Optical Switching. , 2017, , .		16
7	Performance optimization of PM-16QAM transmission system enabled by real-time self-adaptive coding. Optics Letters, 2017, 42, 4211.	3.3	12
8	Dual-wavelength source based optical circuit switching and wavelength reconfiguration in multi-hop ROADM systems. Optics Express, 2017, 25, 27736.	3.4	8
9	Transparent Software-Defined Exchange (tSDX) with Real-Time OSNR-Based Impairment-Aware Wavelength Path Provisioning across Multi-Domain Optical Networks. , 2017, , .		8
10	EDFA Wavelength Dependent Gain Spectrum Measurement Using Weak Optical Probe Sampling. IEEE Photonics Technology Letters, 2018, 30, 177-180.	2.5	7
11	Situation-Aware Multipath Routing and Wavelength Reassignment in a Unified Packet-Circuit OpenFlow Network. , 2013, , .		7
12	Joint Optimization of BBU Pool Allocation and Selection for C-RAN Networks. , 2018, , .		7
13	Quality of Transmission Awareness in Converged Electronic and Optical Networks with OpenFlow. IEEE Communications Letters, 2013, 17, 1036-1039.	4.1	6
14	Performance analysis of QoT estimator in SDN-controlled ROADM networks. , 2018, , .		6
15	Real-Time Software-Defined Dynamic Resource Allocation using OpenFlow for Next-Generation OFDM-based Optical Access Networks. , 2014, , .		5
16	Dual Laser Switching for Dynamic Wavelength Operation in Amplified Optical Transmission. , 2017, , .		3
17	Hysteresis-based Margin Allocation for Adaptive Coding in SDN-enabled Optical Networks. , 2018, , .		1
18	OFDM pilot-tone assisted distributed control for SDN-based elastic optical networks. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Proactive and Nondisruptive Channel Probing for Wavelength Switching in Optical Transmission. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	0