

Ruijie Luo

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	Message Passing: Towards Low-Complexity, Global Optimal Routing and Wavelength Assignment Solutions for Optical Networks. , 2022, , .		0
2	Ultra-fast Optical Network Throughput Prediction using Graph Neural Networks. , 2022, , .		1
3	Making intelligent topology design choices: understanding structural and physical property performance implications in optical networks [Invited]. Journal of Optical Communications and Networking, 2021, 13, D53.	4.8	13
4	High-Dynamic Optical Network Control Architecture Based on Spatiotemporal Synchronization. , 2019, , .		0
5	High-Reliability Sub-Nanosecond Network Time Synchronization Method Enabled by Double-Frequency Distributed Time Synchronization. Journal of Optical Communications and Networking, 2019, 11, A40.	4.8	9
6	Crosstalk Tracing in Weakly-Coupled Short-Reach Mode-Division Multiplexing Optical Networks with Deep Learning. , 2019, , .		2
7	Real-Time Rogue ONU Identification with 1D-CNN-based Optical Spectrum Analysis for Secure PON. , 2019, , .		4
8	Achieving Ultralow-Latency Optical Interconnection for High Performance Computing (HPC) Systems by Joint Allocation of Computation and Communication Resources. , 2019, , .		2
9	Fast Parallel Lightpath Re-Optimization for Space-Division Multiplexing Optical Networks Based on Time Synchronization. Journal of Optical Communications and Networking, 2018, 10, A8.	4.8	9
10	In-service Crosstalk Monitoring and Tracing for Short-Reach Space-Division Multiplexing (SDM) Optical Networks. , 2018, , .		0
11	A High-Reliability Sub-Nanosecond Network Time Synchronization Method Enabled by Double-Frequency Distributed Time Synchronization. , 2018, , .		0
12	Throughput Scaling for MMF-Enabled Optical Datacenter Networks by Time-Slicing-Based Crosstalk Mitigation. , 2018, , .		1
13	In-service crosstalk monitoring, tracing and lightpath re-optimization for space-division multiplexing optical networks. Optics Express, 2017, 25, 30428.	3.4	6
14	Fast Parallel Lightpath Re-Optimization for Crosstalk Reduction in Multi-Core Fiber Networks. , 2017, , .		3
15	Fast-Reconfigurable Optical Interconnect Architecture Based on Time-Synchronized Node Coordination for High Performance Computing. , 2017, , .		1
16	Time Error Analysis of Time Synchronization Networks under Failure. , 2016, , .		0
17	Latency Constrained Dynamic Routing in Optical Transport Networks for Smart Grid. , 2016, , .		2
18	Resource virtualization and universal routing architecture for heterogeneous optical networks. , 2015, , .		0