Georgios Zervas

List of Publications by Year
in descending order

16	566	1163117 8	1125743 13
papers	citations	h-index	g-index

16	16	16	489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Survey and Evaluation of Space Division Multiplexing: From Technologies to Optical Networks. IEEE Communications Surveys and Tutorials, 2015, 17, 2136-2156.	39.4	267
2	Space-Division Multiplexing in Data Center Networks: On Multi-Core Fiber Solutions and Crosstalk-Suppressed Resource Allocation. Journal of Optical Communications and Networking, 2018, 10, 272.	4.8	72
3	Optically Disaggregated Data Centers With Minimal Remote Memory Latency: Technologies, Architectures, and Resource Allocation [Invited]. Journal of Optical Communications and Networking, 2018, 10, A270.	4.8	61
4	Synchronous subnanosecond clock and data recovery for optically switched data centres using clock phase caching. Nature Electronics, 2020, 3, 426-433.	26.0	32
5	PULSE: Optical Circuit Switched Data Center Architecture Operating at Nanosecond Timescales. Journal of Lightwave Technology, 2020, 38, 4906-4921.	4.6	31
6	Sub-Nanosecond Clock and Data Recovery in an Optically-Switched Data Centre Network. , 2018, , .		30
7	Experimental demonstration of an ultra-low latency control plane for optical packet switching in data center networks. Optical Switching and Networking, 2019, 32, 51-60.	2.0	16
8	AI-optimised tuneable sources for bandwidth-scalable, sub-nanosecond wavelength switching. Optics Express, 2021, 29, 11221.	3.4	13
9	MCF-SMF Hybrid Low-Latency Circuit-Switched Optical Network for Disaggregated Data Centers. Journal of Lightwave Technology, 2019, 37, 4017-4029.	4.6	8
10	Optimal Control of SOAs With Artificial Intelligence for Sub-Nanosecond Optical Switching. Journal of Lightwave Technology, 2020, 38, 5563-5573.	4.6	8
11	Optimization of 125-mum Heterogeneous Multi-Core Fibre Design Using Artificial Intelligence. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-13.	2.9	7
12	Traffic generation for benchmarking data centre networks. Optical Switching and Networking, 2022, 46, 100695.	2.0	7
13	Design and Analysis of Beam Steering Multicore Fiber Optical Switches. Journal of Lightwave Technology, 2019, 37, 1954-1963.	4.6	6
14	Parallel Modular Scheduler Design for Clos Switches in Optical Data Center Networks. Journal of Lightwave Technology, 2020, 38, 3506-3518.	4.6	4
15	PULSE: Sub-microsecond Optical Circuit Switched Data Center Network. , 2019, , .		3
16	Parallel Distributed Schedulers for Scalable Photonic Integrated Packet Switching. , 2018, , .		1