Stavros Deligiannidis

List of Publications by Year
in descending order

9 papers	431 citations	1478505 6 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	365 citing authors

#	Article	IF	Citations
1	ML-Assisted Equalization for 50-Gb/s/λ O-Band CWDM Transmission Over 100-km SMF. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-10.	2.9	6
2	Fabry-Perot Lasers as Enablers for Parallel Reservoir Computing. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-7.	2.9	31
3	Performance-enhanced Amplified O-band WDM Transmission using Machine Learning based Equalization. , 2021, , .		1
4	Time-Multiplexed Spiking Convolutional Neural Network Based on VCSELs for Unsupervised Image Classification. Applied Sciences (Switzerland), 2021, 11, 1383.	2.5	5
5	Performance and Complexity Analysis of Bi-Directional Recurrent Neural Network Models Versus Volterra Nonlinear Equalizers in Digital Coherent Systems. Journal of Lightwave Technology, 2021, 39, 5791-5798.	4.6	37
6	Compensation of Fiber Nonlinearities in Digital Coherent Systems Leveraging Long Short-Term Memory Neural Networks. Journal of Lightwave Technology, 2020, 38, 5991-5999.	4.6	71
7	Sub-Tb/s Physical Random Bit Generators Based on Direct Detection of Amplified Spontaneous Emission Signals. Journal of Lightwave Technology, 2012, 30, 1329-1334.	4.6	64
8	Enhancement of Chaos Encryption Potential by Combining All-Optical and Electrooptical Chaos Generators. IEEE Journal of Quantum Electronics, 2010, 46, 1642-1649.	1.9	39
9	Implementation of 140 Gb/s true random bit generator based on a chaotic photonic integrated circuit. Optics Express, 2010, 18, 18763.	3.4	177