

Mariia Sorokina

List of Publications by Year in descending order

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13
papers

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1307594

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13
docs citations

13
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-channel optical neuromorphic processor for frequency-multiplexed signals. JPhys Photonics, 2021, 3, 014002.	4.6	3
2	Dispersion-Managed Fiber Echo State Network Analogue With High (Including THz) Bandwidth. Journal of Lightwave Technology, 2020, 38, 3209-3213.	4.6	7
3	Multidimensional fiber echo state network analogue. JPhys Photonics, 2020, 2, 044006.	4.6	8
4	Neuromorphic Processing for Optical Communications. , 2019, , .		0
5	Fiber echo state network analogue for high-bandwidth dual-quadrature signal processing. Optics Express, 2019, 27, 2387.	3.4	39
6	Fiber-Optic Reservoir Computing for QAM-Signal Processing. , 2018, , .		5
7	Ripple distribution for nonlinear fiber-optic channels. Optics Express, 2017, 25, 2228.	3.4	15
8	Sparse identification for nonlinear optical communication systems: SINO method. Optics Express, 2016, 24, 30433.	3.4	80
9	Information theory analysis of regenerative channels. , 2015, , .		0
10	Regenerative Fourier transformation for dual-quadrature regeneration of multilevel rectangular QAM. Optics Letters, 2015, 40, 3117.	3.3	26
11	Design of multilevel amplitude regenerative system. Optics Letters, 2014, 39, 2499.	3.3	38
12	Nonlinear signal transformations: path to capacity above the linear AWGN Shannon limit. , 2014, , .		1
13	Optimal packing for cascaded regenerative transmission based on phase sensitive amplifiers. Optics Express, 2013, 21, 31201.	3.4	10