

# Mariia Sorokina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11249509/publications.pdf>

Version: 2024-02-01

13  
papers

232  
citations

1307594

7  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

210  
citing authors

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