

# Jian Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

610  
citations

1478505

6  
h-index

996975

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous monitoring of residual chromatic dispersion and OSNR of NRZ-OOK signal based on asynchronous delay-tap sampling and image processing. <i>Optical Engineering</i> , 2022, 61, .	1.0	0
2	Special Issue on Advanced Technique and Future Perspective for Next Generation Optical Fiber Communications. <i>Photonics</i> , 2022, 9, 280.	2.0	0
3	Optical performance monitoring in transparent fiber-optic networks using neural networks and asynchronous amplitude histograms. <i>Optics Communications</i> , 2022, 517, 128305.	2.1	3
4	Optical Machine Learning Using Time-Lens Deep Neural NetWorks. <i>Photonics</i> , 2021, 8, 78.	2.0	6
5	Special Issue on Enabling Technology in Optical Fiber Communications: From Device, System to Networking. <i>Sensors</i> , 2021, 21, 1969.	3.8	1
6	Impact of Equalization-Enhanced Phase Noise on Digital Nonlinearity Compensation in High-Capacity Optical Communication Systems. <i>Sensors</i> , 2020, 20, 4149.	3.8	4
7	Experimental demonstration of multi-parameter sensing based on polarized interference of polarization-maintaining few-mode fibers. <i>Optics Express</i> , 2020, 28, 20372.	3.4	14
8	Digital back-propagation in optical fiber communication systems considering equalization enhanced phase noise. , 2020, , .		0
9	Low-DMGD, Large-Effective-Area and Low-Bending-Loss 12-LP-Mode Fiber for Mode-Division-Multiplexing. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	2.0	7
10	Simultaneous Beat-Length Measurement of a Polarization-Maintaining Few-Mode Fiber. <i>IEEE Photonics Journal</i> , 2019, 11, 1-6.	2.0	2
11	Advanced DSP for Coherent Optical Fiber Communication. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4192.	2.5	36
12	Minimizing the Number of Spans for Terrestrial Fiber-Optic Systems Using Quasi-Single-Mode Transmission. <i>IEEE Photonics Journal</i> , 2018, 10, 1-10.	2.0	3
13	Few-Mode Lensed Fibers. <i>Journal of Lightwave Technology</i> , 2018, 36, 5794-5799.	4.6	2
14	Intrinsic loss of few-mode fibers. <i>Optics Express</i> , 2018, 26, 2107.	3.4	31
15	Demonstration of $6 \times 10$ -Gb/s MIMO-Free Polarization- and Mode-Multiplexed Transmission. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1372-1375.	2.5	17
16	Experimental demonstration of adaptive VFF-RLS-FDE for long-distance mode-division multiplexed transmission. <i>Optics Express</i> , 2018, 26, 18362.	3.4	6
17	Amplified Spontaneous Emission and Rayleigh Scattering in Few-Mode Fiber Raman Amplifiers. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1159-1162.	2.5	3
18	Accurate measurement of total mode coupling in few mode fibers (FMFs) based on a modified spatial and spectral resolved ( $S^2$ ) imaging system. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Simultaneous Measurement of Temperature and Strain Based on a Polarization-Maintaining Few-Mode Fiber. , 2017, , .		3
20	The beat-length of polarization-maintaining few-mode-fiber measurement based on polarized interference. , 2016, , .		0
21	Experimental demonstration of adaptive recursive least square frequency-domain equalization for long-distance mode-division multiplexed transmission. , 2015, , .		7
22	Approaching the Non-Linear Shannon Limit. Journal of Lightwave Technology, 2010, 28, 423-433.	4.6	465