

Run-Kai Shiu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1174073/publications.pdf>

Version: 2024-02-01

18
papers

181
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the Multiplexing Capacity and Measurement Accuracy of FBG Sensor System Using WDM Technique and Deep Learning Algorithm. <i>Journal of Lightwave Technology</i> , 2020, 38, 1589-1603.	4.6	30
2	135-GHz D-Band 60-Gbps PAM-8 Wireless Transmission Employing a Joint DNN Equalizer With BP and CMMA. <i>Journal of Lightwave Technology</i> , 2020, 38, 3592-3601.	4.6	25
3	Using a Machine Learning Algorithm Integrated with Data De-Noising Techniques to Optimize the Multipoint Sensor Network. <i>Sensors</i> , 2020, 20, 1070.	3.8	25
4	Intensity and Wavelength Division Multiplexing FBG Sensor System Using a Raman Amplifier and Extreme Learning Machine. <i>Journal of Sensors</i> , 2018, 2018, 1-11.	1.1	22
5	A Bi-Directional Multi-Band, Multi-Beam mm-Wave Beamformer for 5G Fiber Wireless Access Networks. <i>Journal of Lightwave Technology</i> , 2021, 39, 1116-1124.	4.6	15
6	Optical Signal Processing for W-Band Radio-Over-Fiber System With Tunable Frequency Response. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-8.	2.9	14
7	Performance Enhancement of Optical Comb Based Microwave Photonic Filter by Machine Learning Technique. <i>Journal of Lightwave Technology</i> , 2020, 38, 5302-5310.	4.6	13
8	Tunable Microwave Photonic Filter for Millimeter-wave Mobile Fronthaul Systems. , 2018, , .		8
9	A Simplified Radio-Over-Fiber System for Over 100-km Long-Reach n-QAM Transmission. <i>IEEE Photonics Journal</i> , 2020, 12, 1-8.	2.0	8
10	Simultaneous transmission of wired and wireless signals based on double sideband carrier suppression. <i>Optical Fiber Technology</i> , 2017, 38, 108-112.	2.7	5
11	Erbium-doped fiber laser for remote fiber grating sensor system. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2809-2813.	1.4	3
12	Polar Coded OFDM Signal Transmission at the W-Band in Millimeter-Wave System. <i>IEEE Photonics Journal</i> , 2019, 11, 1-6.	2.0	3
13	Reinforcement learning for W-band radio-over-fiber system using a polarization modulator. <i>Optics Letters</i> , 2022, 47, 2008.	3.3	3
14	Dual-Output Mach-Zehnder Modulator for Optical Access Networks. <i>Fiber and Integrated Optics</i> , 2018, 37, 256-263.	2.5	2
15	RF Fading Circumvention Using a Polarization Modulator for Supporting W-Band RoF Transport from 85 to 95 GHz. , 2020, , .		2
16	Self-Start Multi-Wavelength Laser Source with Tunable Delay-Line Interferometer and Optical Fiber Reflector for Wireless Communication System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9553.	2.5	1
17	Wide FoV Autonomous Beamformer Supporting Multiple Beams and Multi-Band Operation for 5G Mobile Fronthaul. , 2020, , .		1
18	A Deep Neural Network Equalizer for FSO Transmission System. , 2021, , .		1