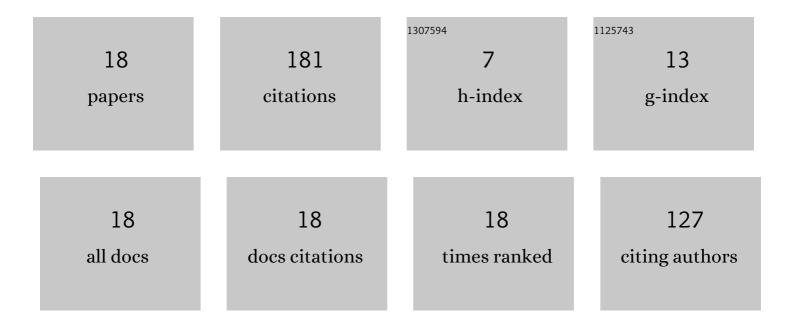
Run-Kai Shiu

List of Publications by Year in descending order

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RUN-KAI SHIII

#	Article	IF	CITATIONS
1	Enhancement of the Multiplexing Capacity and Measurement Accuracy of FBG Sensor System Using IWDM Technique and Deep Learning Algorithm. Journal of Lightwave Technology, 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. Journal of Lightwave Technology, 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. Sensors, 2020, 20, 1070.	3.8	25
4	Intensity and Wavelength Division Multiplexing FBG Sensor System Using a Raman Amplifier and Extreme Learning Machine. Journal of Sensors, 2018, 2018, 1-11.	1.1	22
5	A Bi-Directional Multi-Band, Multi-Beam mm-Wave Beamformer for 5G Fiber Wireless Access Networks. Journal of Lightwave Technology, 2021, 39, 1116-1124.	4.6	15
6	Optical Signal Processing for W-Band Radio-Over-Fiber System With Tunable Frequency Response. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-8.	2.9	14
7	Performance Enhancement of Optical Comb Based Microwave Photonic Filter by Machine Learning Technique. Journal of Lightwave Technology, 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. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	8
10	Simultaneous transmission of wired and wireless signals based on double sideband carrier suppression. Optical Fiber Technology, 2017, 38, 108-112.	2.7	5
11	Erbiumâ€doped fiber laser for remote fiber grating sensor system. Microwave and Optical Technology Letters, 2015, 57, 2809-2813.	1.4	3
12	Polar Coded OFDM Signal Transmission at the W-Band in Millimeter-Wave System. IEEE Photonics Journal, 2019, 11, 1-6.	2.0	3
13	Reinforcement learning for W-band radio-over-fiber system using a polarization modulator. Optics Letters, 2022, 47, 2008.	3.3	3
14	Dual-Output Mach–Zehnder Modulator for Optical Access Networks. Fiber and Integrated Optics, 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. Applied Sciences (Switzerland), 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

18 A Deep Neural Network Equalizer for FSO Transmission System., 2021,,.