

# Yu-Ting Hsueh

## List of Publications by Year in descending order

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30  
papers

641  
citations

623734

14  
h-index

794594

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost-Effective Optical Millimeter Technologies and Field Demonstrations for Very High Throughput Wireless-Over-Fiber Access Systems. <i>Journal of Lightwave Technology</i> , 2010, 28, 2376-2397.	4.6	112
2	Multiband Signal Generation and Dispersion-Tolerant Transmission Based on Photonic Frequency Tripling Technology for 60-GHz Radio-Over-Fiber Systems. <i>IEEE Photonics Technology Letters</i> , 2008, 20, 1470-1472.	2.5	71
3	Advanced System Technologies and Field Demonstration for In-Building Optical-Wireless Network With Integrated Broadband Services. <i>Journal of Lightwave Technology</i> , 2009, 27, 1920-1927.	4.6	61
4	A Novel Bidirectional 60-GHz Radio-Over-Fiber Scheme With Multiband Signal Generation Using a Single Intensity Modulator. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1338-1340.	2.5	56
5	A Novel Lightwave Centralized Bidirectional Hybrid Access Network: Seamless Integration of RoF With WDM-OFDM-PON. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1085-1087.	2.5	48
6	Multiband 60-GHz Wireless Over Fiber Access System With High Dispersion Tolerance Using Frequency Tripling Technique. <i>Journal of Lightwave Technology</i> , 2011, 29, 1105-1111.	4.6	44
7	Inter-Channel Crosstalk Cancellation for Nyquist-WDM Superchannel Applications. <i>Journal of Lightwave Technology</i> , 2012, 30, 3993-3999.	4.6	38
8	Joint digital signal processing for superchannel coherent optical communication systems. <i>Optics Express</i> , 2013, 21, 8342.	3.4	36
9	Optical Millimeter-Wave Generation and Transmission Without Carrier Suppression for Single- and Multi-Band Wireless Over Fiber Applications. <i>Journal of Lightwave Technology</i> , 2010, 28, 2230-2237.	4.6	34
10	Passband Narrowing and Crosstalk Impairments in ROADM-Enabled 100G DWDM Networks. <i>Journal of Lightwave Technology</i> , 2012, 30, 3980-3986.	4.6	29
11	Simultaneous Transmission of Wireless and Wireline Services Using a Single 60-GHz Radio-Over-Fiber Channel by Coherent Subcarrier Modulation. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1127-1129.	2.5	22
12	System Performance Prediction With the Gaussian Noise Model in 100G PDM-QPSK Coherent Optical Networks. <i>Journal of Lightwave Technology</i> , 2013, 31, 3352-3360.	4.6	20
13	Performance Assessment of Radio Links Using Millimeter-Wave Over Fiber Technology With Carrier Suppression Through Modulation Index Enhancement. <i>Journal of Optical Communications and Networking</i> , 2011, 3, 254.	4.8	16
14	Generation of Multiband Signals in a Bidirectional Wireless Over Fiber System With High Scalability Using Heterodyne Mixing Technique. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1621-1624.	2.5	15
15	In-Band Crosstalk Transmission Penalties on 112-Gb/s PDM-QPSK Optical Links. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 745-747.	2.5	10
16	On Frequency-Doubled Optical Millimeter-Wave Generation Technique Without Carrier Suppression for In-Building Wireless Over Fiber Applications. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 182-184.	2.5	7
17	Long-reach, 60-GHz Mm-wave optical-wireless access network using remote signal regeneration and upconversion. , 2008, , .		5
18	Scaling 112 Gb/s Optical Networks With the Nonlinear Threshold Metric. <i>Journal of Lightwave Technology</i> , 2012, 30, 1291-1298.	4.6	4

#	ARTICLE	IF	CITATIONS
19	Emerging technologies for mm-wave RoF communication. , 2012, , .		3
20	Offset QPSK for 112 Gb/s coherent optical links. , 2010, , .		2
21	Performance of 32-Gbaud PDM-QPSK in nonlinear transport regimes with different phase recovery methods. Proceedings of SPIE, 2012, , .	0.8	2
22	Advances in 100GHz Microwave Photonics: All-Band Optical Wireless Access Networks Using Radio Over Fiber Technologies. , 2013, , 873-889.		2
23	A Novel Carrier-Eliminated Optical Millimeter-Wave Generation Using a Single Over-Driven Phase Modulator. , 2010, , .		2
24	Rayleigh backscattering noise eliminated long-reach bi-directional WDM-PON with 10-Gb/s DPSK downstream and remodulated 2.5-Gb/s OOK upstream using optical carrier-suppressed sub-carrier modulation. , 2008, , .		1
25	Developing accurate simulations for high-speed fiber links. Proceedings of SPIE, 2011, , .	0.8	1
26	Simultaneous transmission of wireless and wired data using coherent subcarrier modulation of optically generated 60 GHz signals. , 2009, , .		0
27	Dispersion map optimization of single and Dual-Pol QPSK in the presence of aggressor channels. , 2010, , .		0
28	Nonlinearity-enhanced crosstalk effects for a 112 Gb/s PDM-QPSK transmission over 1620-km SSMF. , 2011, , .		0
29	Duobinary RF envelope detection in coherent optical millimeter-wave systems. , 2012, , .		0
30	Spectrum-Compressed, Millimeter-Wave Wireless over Fiber Access System Using Duobinary Line Coding at 10-Gbps and Beyond. , 2010, , .		0