

Byunggon Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	RoF-Based Mobile Fronthaul Networks Implemented by Using DML and EML for 5G Wireless Communication Systems. Journal of Lightwave Technology, 2018, 36, 2874-2881.	4.6	64
2	DSP-based CSO cancellation technique for RoF transmission system implemented by using directly modulated laser. Optics Express, 2017, 25, 12152.	3.4	43
3	Impact of Multipath Interference on the Performance of RoF-Based Mobile Fronthaul Network Implemented by Using DML. Journal of Lightwave Technology, 2017, 35, 145-151.	4.6	32
4	Broadband IF-Over-Fiber Transmission With Parallel IM/PM Transmitter Overcoming Dispersion-Induced RF Power Fading for High-Capacity Mobile Fronthaul Links. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	29
5	Reflection-Tolerant RoF-Based Mobile Fronthaul Network for 5G Wireless Systems. Journal of Lightwave Technology, 2019, 37, 6105-6113.	4.6	15
6	Compensation of Mode Crosstalk in MDM System Using Digital Optical Phase Conjugation. IEEE Photonics Technology Letters, 2019, 31, 739-742.	2.5	10
7	Generation of high-speed PAM4 signal by overdriving two Mach-Zehnder modulators. OSA Continuum, 2019, 2, 486.	1.8	10
8	A Cost-Effective 2-Channel OTDM System Implemented With Sinusoidally Modulated Light Source. IEEE Access, 2020, 8, 157504-157509.	4.2	9
9	Generation of Broadband Optical SSB Signal Using Dual Modulation of DML and EAM. Journal of Lightwave Technology, 2021, 39, 3064-3071.	4.6	9
10	Feasibility of RoF-based optical fronthaul network for next-generation mobile communications. , 2017, , .		8
11	A Novel Eye-Diagram Estimation Method for Pulse Amplitude Modulation With N -Level (PAM-N) on Stacked Through-Silicon Vias. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1198-1206.	2.2	8
12	Carrier-phase-estimation algorithm featuring fast trackability for high-speed coherent WDM PON based on RSOA. Optics Express, 2017, 25, 14282.	3.4	6
13	Adaptive Blind CSO Cancellation Technique for RoF Systems Implemented by Using DMLs. IEEE Photonics Technology Letters, 2018, 30, 1745-1748.	2.5	6
14	MPI Noise Reduction in RoF-Based Mobile Fronthaul Network Using High-Frequency Phase Dither. , 2018, , .		5
15	294-Gb/s CPRI-Equivalent-Rate Radio-over-Fiber Mobile Fronthaul Network Using a 1.55- μm DML and Dispersion-Induced CSO Cancellation. , 2017, , .		4
16	Kramers-Kronig Direct Detection of 40-Gb/s OFDM Signal Generated by Using EML. , 2018, , .		4
17	Performance Improvement of RSOA-based Coherent WDM PON Using SBS Suppression and Erasing Frequency-Dithering Tone. , 2018, , .		4
18	300-Gb/s Transmission Using OTDM System Implemented With Sinusoidally Modulated Input Light Source. IEEE Photonics Technology Letters, 2022, 34, 745-748.	2.5	4

