

Byunggon Kim

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Direct-Detection Receiver for Orthogonal Offset-Carrier Assisted PDM System. IEEE Photonics Technology Letters, 2022, 34, 71-74.	2.5	0
2	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
3	112-Gb/s PAM4 Transmission Over 1 km of MMF With Mode-Field Matched Center- Launching in 850-nm Band. IEEE Photonics Technology Letters, 2021, 33, 23-26.	2.5	2
4	Simple SSMF-based two-channel MGDM system operating in the 08â€‰%â€‰%Âµm wavelength region. Optics Letters, 2021, 46, 1608.	3.3	1
5	Generation of Broadband Optical SSB Signal Using Dual Modulation of DML and EAM. Journal of Lightwave Technology, 2021, 39, 3064-3071.	4.6	9
6	Effects of External Optical Feedback on PAM4 Signal in VCSEL-Based SMF Link. IEEE Photonics Technology Letters, 2020, 32, 871-874.	2.5	0
7	A Cost-Effective 2-Channel OTDM System Implemented With Sinusoidally Modulated Light Source. IEEE Access, 2020, 8, 157504-157509.	4.2	9
8	RF-chirp phase dither for MPI mitigation in RoF-based 5G mobile fronthaul networks. Optics Express, 2020, 28, 32002.	3.4	3
9	Simplified 2-Channel OTDM System Using Sinusoidally Modulated Light Source. , 2020, , .		0
10	MGDM Transmission of 2Ã—28-Gb/s OOK signals Operating in 0.8-1¼m Region over 2.2 km of SSMF. , 2020, , .		0
11	84-Gb/s DMT Transmission over 5 km of SSMF Using Injection-Locked 10G-class 1.55-Âµm VCSEL. , 2020, , .		0
12	A Novel Eye-Diagram Estimation Method for Pulse Amplitude Modulation With <i>N</i> -Level (PAM-N) on Stacked Through-Silicon Vias. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1198-1206.	2.2	8
13	Reflection-Tolerant RoF-Based Mobile Fronthaul Network for 5G Wireless Systems. Journal of Lightwave Technology, 2019, 37, 6105-6113.	4.6	15
14	Compensation of Mode Crosstalk in MDM System Using Digital Optical Phase Conjugation. IEEE Photonics Technology Letters, 2019, 31, 739-742.	2.5	10
15	Demonstration of reflection-tolerant RoF-based mobile fronthaul network for 5G wireless system. , 2019, , .		2
16	Toward Practical RoF-based MFN for 5G Wireless Communication Systems. , 2019, , .		0
17	Dither-Frequency Tuning Technique for RSOA-Based Coherent WDM PON. IEEE Photonics Technology Letters, 2019, 31, 7-10.	2.5	3
18	Generation of high-speed PAM4 signal by overdriving two Mach-Zehnder modulators. OSA Continuum, 2019, 2, 486.	1.8	10

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Effects of Multi-Level Format in MMF System Based on Mode-Field Matched Center-Launching Technique. IEEE Photonics Technology Letters, 2018, 30, 1972-1975.	2.5	3
22	Kramers-Kronig Direct Detection of 40-Gb/s OFDM Signal Generated by Using EML. , 2018, , .		4
23	Performance Improvement of RSOA-based Coherent WDM PON Using SBS Suppression and Erasing Frequency-Dithering Tone. , 2018, , .		4
24	MPI Noise Reduction in RoF-Based Mobile Fronthaul Network Using High-Frequency Phase Dither. , 2018, , .		5
25	Adaptive Blind CSO Cancellation Technique for RoF Systems Implemented by Using DMLs. IEEE Photonics Technology Letters, 2018, 30, 1745-1748.	2.5	6
26	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
27	Simultaneous Transmission of Aggregated Microwave and Millimeter-wave Signals over Fiber with Parallel IM/PM Transmitter for Mobile Fronthaul Links. , 2017, , .		3
28	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
29	Feasibility of RoF-based optical fronthaul network for next-generation mobile communications. , 2017, , .		8
30	28-Gbps VCSEL-based optical access network with > 14-dB power budget using 10G-class optical components. , 2017, , .		0
31	Carrier-phase-estimation algorithm featuring fast trackability for high-speed coherent WDM PON based on RSOA. Optics Express, 2017, 25, 14282.	3.4	6
32	DSP-based CSO cancellation technique for RoF transmission system implemented by using directly modulated laser. Optics Express, 2017, 25, 12152.	3.4	43
33	Optical fronthaul technologies for next-generation mobile communications. , 2016, , .		3