

Yasuhiko Nakanishi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhancement of Optical-Feedback Tolerance of SOA-Integrated EML (AXEL) by Introducing DBR-Type Laser. IEEE Photonics Technology Letters, 2022, 34, 502-505.	2.5	3
2	224-Gbit/s 4-PAM operation of a high-modulation-bandwidth high-output-power Hi-FIT AXEL transmitter. Optics Letters, 2022, 47, 3019.	3.3	6
3	High-power SOA-integrated EADFB laser for long-reach passive optical network systems. OSA Continuum, 2021, 4, 498.	1.8	3
4	High Output Power SOA Assisted Extended Reach EADFB Laser (AXEL) TOSA for 400-Gbit/s 40-km Fiber-Amplifier-Less Transmission. Journal of Lightwave Technology, 2021, 39, 1089-1095.	4.6	11
5	Inverted p-down Design for High-Speed Photodetectors. Photonics, 2021, 8, 39.	2.0	12
6	Practically implementable high-sensitivity 10-Gbit/s avalanche photodiode using inverted p-down design. IEICE Electronics Express, 2021, 18, 20210142-20210142.	0.8	2
7	High output power 214-Gbit/s 4-PAM operation of Hi-FIT AXEL transmitter. , 2021, , .		2
8	25-Gbit/s 100-km Transmission using 1358-nm-wavelength SOA Assisted Extended Reach EADFB Laser (AXEL) for 25 Gbit/s-class PON. , 2021, , .		4
9	Receiver Integration with Arrayed Waveguide Gratings toward Multi-Wavelength Data-Centric Communications and Computing. Applied Sciences (Switzerland), 2020, 10, 8205.	2.5	8
10	High-speed Photodetector Technologies for 100-Gbit/s PAM4 Systems and Beyond : (Invited paper). , 2020, , .		0
11	High Power and High Speed SOA Assisted Extended Reach EADFB Laser (AXEL) for 53-Gbaud PAM4 Fiber-Amplifier-Less 60-km Optical Link. Journal of Lightwave Technology, 2020, 38, 2984-2991.	4.6	23
12	High Output Power and Compact LAN-WDM EADFB Laser TOSA for 4 Å– 100-Gbit/s/Å» 40-km Fiber-AmplifierLess Transmission. , 2020, , .		4
13	400-Gbit/s High-Sensitivity APD-ROSA for 4Å» LAN-WDM 40-km Optical Link. , 2020, , .		3
14	Equalizer-Free Transmission of 100-Gb/s 4-PAM Signal Generated by Flip-Chip Interconnection EADFB Laser Module. Journal of Lightwave Technology, 2017, 35, 775-780.	4.6	9
15	214-Gb/s 4-PAM Operation of Flip-Chip Interconnection EADFB Laser Module. Journal of Lightwave Technology, 2017, 35, 418-422.	4.6	50
16	Silica-based, compact and variable-optical-attenuator integrated coherent receiver with stable optoelectronic coupling system. Optics Express, 2012, 20, 27174.	3.4	38