

Hiroyuki Uenohara

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Demonstration of All-Optical Divider Circuit Using SOA-MZI-Type xor Gate and Feedback Loop for Forward Error Detection. Journal of Lightwave Technology, 2011, 29, 2259-2266.	4.6	50
2	High-Speed Optical Label Recognition Technique Using an Optical Digital-to-Analog Conversion and Its Application to Optical Label Switch. Journal of Lightwave Technology, 2010, 28, 1889-1896.	4.6	21
3	Optical Serial-to-Parallel Conversion Technique With Phase-Shifted Preamble for Optical Label Switching Systems. IEEE Journal of Quantum Electronics, 2011, 47, 1222-1229.	1.9	17
4	Start-Bit Detection and Gate-Pulse Generation Using Phase-Modulated Preamble for Asynchronous Packet Processing. IEEE Photonics Technology Letters, 2007, 19, 236-238.	2.5	9
5	A Proposal of a Novel Gain Profile Model of Multi-Quantum-Well Semiconductor Optical Amplifiers. Japanese Journal of Applied Physics, 2010, 49, 030204.	1.5	9
6	Power efficient optical serial-to-parallel conversion using fractional OFDM-based linear technique. IEICE Electronics Express, 2017, 14, 20170099-20170099.	0.8	5
7	Analytical Investigation of an Optical Serial-to-Parallel Converter with Phase-Shifted Preamble and Mach-Zehnder Delay Interferometers. Japanese Journal of Applied Physics, 2009, 48, 070210.	1.5	4
8	Tolerable performance of silicon photonic optical-serial-to-parallel converter with variable power splitter. Optics Express, 2018, 26, 7740.	3.4	3
9	Investigation of a Silicon Photonic Optical Serial-to-Parallel Converter With Mach-Zehnder Delay Interferometers and Integrated Ge-PDs. IEEE Journal of Quantum Electronics, 2015, 51, 1-9.	1.9	2
10	Operational Performance of an Optical Serial-to-Parallel Converter Based on a Mach-Zehnder Delay Interferometer and a Phase-Shifted Preamble for DPSK-Formatted Signals. IEICE Transactions on Electronics, 2013, E96.C, 1012-1018.	0.6	2
11	Investigation for achievable NCG of optical FEC coding with convolutional code using optical XOR gates based on four-wave mixing in highly nonlinear fibre. IET Optoelectronics, 2020, 14, 22-29.	3.3	1
12	Demonstration of optical label switching with phase-shifted preamble-based optical serial-to-parallel conversion-type label processor. , 2010, , .		0
13	Hybrid integrated semiconductor optical amplifier-Mach Zehnder interferometer (SOA-MZI)-type all-optical wavelength converter with a selectable delay time push-pull configuration. , 2012, , .		0
14	Investigation of optical label recognition using optical serial-to-parallel converter with phase operation for DPSK signal. , 2012, , .		0
15	Improvement in the Performance of a Semiconductor Optical Amplifier Based Delayed Interference Signal-Wavelength Converter With Phase Offset of a Mach-Zehnder Delay Interferometer and BPF Detuning. IEEE Journal of Quantum Electronics, 2012, 48, 433-439.	1.9	0
16	Investigation of an Interleaver for All-Optical Analog-to-Digital Conversion. , 2013, , .		0
17	40Gbps Operation of an Optical Serial-to-Parallel Converter for DPSK Signals with Phase Operation. , 2013, , .		0
18	Improvement of Number of Processing Bit of a Si Photonic Optical Serial-to-Parallel Converter with Phase Operation. , 2013, , .		0