

Yoshiyuki Doi

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Compact Hybrid Integrated 100-Gb/s Transmitter Optical Sub-Assembly Using Optical Butt-Coupling Between EADFB Lasers and Silica-Based AWG Multiplexer. Journal of Lightwave Technology, 2016, 34, 1038-1046.	4.6	17
2	Compact Hybrid-Integrated 100-Gb/s TOSA Using EADFB Laser Array and AWG Multiplexer. IEEE Photonics Technology Letters, 2016, 28, 802-805.	2.5	16
3	High-linearity Avalanche Photodiode for 40-km Transmission with 28-Gbaud PAM4. , 2015, , .		14
4	Compact ROSA for 100-Gb/s (4 Å— 25 Gb/s) Ethernet with a PLC-based AWG demultiplexer. , 2013, , .		12
5	Compact High-Responsivity Receiver Optical Subassembly With a Multimode-Output-Arrayed Waveguide Grating for 100-Gb/s Ethernet. Journal of Lightwave Technology, 2015, 33, 3286-3292.	4.6	10
6	Compact and High-Sensitivity 100-Gb/s (4 Å— 25 Gb/s) APD-ROSA with a LAN-WDM PLC Demultiplexer. , 2012, , .		10
7	Design and Evaluation of Highly Reliable Silica-LiNbO ₃ Hybrid Modulators for Advanced Formats. , 2012, , .		9
8	Ultra-Wideband Tunable Dual-Mode Laser for Continuous Wave Terahertz Generation. Journal of Lightwave Technology, 2014, 32, 3461-3467.	4.6	8
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	400GbE Demonstration Utilizing 100GbE Optical Sub-Assemblies and Cyclic Arrayed Waveguide Gratings. , 2014, , .		6
11	4 Å— 28 Gbaud PAM4 integrated ROSA with high-sensitivity APD. , 2015, , .		5
12	Compact 8-wavelength receiver optical sub-assembly with a low-loss AWG demultiplexer for 400-gigabit datacom. , 2015, , .		2
13	Bidirectional 400-Gb/s transmission by 100GbE Optical Sub-Assemblies and a Cyclic Arrayed Waveguide Grating. , 2015, , .		2
14	Compact hybrid-integrated 100-Gbit/s TOSA for 40-km transmission. , 2015, , .		1
15	Highly Reliable Silica-LiNbO ₃ Hybrid Modulator Using Heterogeneous Material Integration Technology. IEICE Transactions on Electronics, 2020, E103.C, 353-361.	0.6	1
16	Compact AWG-based optical channel monitor (OCM) for multi-degree ROADMs. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
17	Spectral multi-level ASK & BPSK OCDM based on electrical-domain spatial code spreading and self-homodyne detection. , 2010, , .		0
18	Advanced high-speed multilevel modulators with a hybrid silica-PLCs/LiNbO ₃ configuration. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Highly Stable Continuous Wave Terahertz Generation with Widely Tunable Dual-Mode Laser. , 2014, , .		0
20	Integrated Photonic Devices and Applications for 100GbE-and-Beyond Datacom. IEICE Transactions on Electronics, 2016, E99.C, 157-164.	0.6	0
21	Spectrally Efficient Frequency-Domain Optical CDM Employing QAM Based on Electrical Spatial Code Spreading. IEICE Transactions on Communications, 2011, E94-B, 2877-2880.	0.7	0
22	Applications of Arrayed Waveguide Gratings for 100GbE-and-Beyond Datacom Networks. , 2015, , .		0