

Adolfo Lerin

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Phase Modulation DFBs for Cost-Effective ONU Transmitter in udWDM PONs. IEEE Photonics Technology Letters, 2014, 26, 973-975.	2.5	57
2	Polarization independent single-PD coherent ONU receiver with centralized scrambling in udWDM-PONs. , 2014, , .		21
3	Simplified Polarization Diversity Heterodyne Receiver for 1.25Gb/s Cost-Effective udWDM-PON. , 2014, , .		19
4	DQPSK Directly Phase Modulated DFB for Flexible Coherent UDWDM-PONs. IEEE Photonics Technology Letters, 2016, 28, 35-38.	2.5	17
5	1Gbps full-duplex links for ultra-dense-WDM 625GHz frequency slots in optical metro-access networks. Optics Express, 2016, 24, 555.	3.4	14
6	DFB laser reallocation by thermal wavelength control for statistical udWDM in PONs. , 2014, , .		12
7	Simple ONU Transmitter Based on Direct-Phase Modulated DFB Laser with Heterodyne Detection for udWDM-PON. , 2013, , .		11
8	Flexible D(Q)PSK 1.25–5 Gb/s UDWDM-PON with directly modulated DFBs and centralized polarization scrambling. , 2015, , .		9
9	6.25Gb/s differential duobinary transmission in 2GHz BW limited direct phase modulated DFB for udWDM-PONs. , 2014, , .		7
10	Exploiting RSOA for Uplink Transmission with Coherent Detection for Low Cost UDWDM-PON. , 2014, , .		7
11	1.25â€“3.125 Gb/s per user PON with RSOA as phase modulator for statistical wavelength ONU. Optics Communications, 2015, 357, 34-40.	2.1	5
12	Survey of Faster-Than-Nyquist for Flexible Passive Optical Networks. , 2015, , .		3
13	5G Connected Vehicles Supported by Optical Fiber Access. , 2018, , .		3
14	Graphene Silicon ring resonators for wavelength routers in Photonic Network-on-Chip. , 2015, , .		2
15	Chip integrated DFB-EAM for directly phase modulation performance improvement in UDWDM-PON. , 2015, , .		2
16	Coherent ONU based on 850 nm-long cavity-RSOA for next-generation ultra-dense access network. Chinese Optics Letters, 2016, 14, 050605-50609.	2.9	2
17	Direct phase modulation of a DFB laser for udWDM-PON. , 2014, , .		1
18	Performance comparison between direct phase modulated DFB and RSOA for cost effective transmitter in udWDM-PONs. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Directly modulated DFB with phase diversity in time polarization independent intradyne receiver for UDWDM-PON. , 2015, , .		0
20	Experimental demonstration of flex-grid udWDM with 6.25GHz full-duplex frequency slots for Metro/Access & Data Centers. , 2015, , .		0
21	Study of Graphene-SOI-Based Micro-Ring Resonator for Beamforming Automotive Radars. , 2020, , .		0
22	Experimental Assessment of NOMA-CAP Waveforms for Beyond 5G Optical Fronthaul Applications. , 2020, , .		0