

Giancarlo Gavioli

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

680
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	C- and O-Band Operation of RSOA WDM PON Self-Seeded Transmitters up to 10 Gb/s [Invited]. Journal of Optical Communications and Networking, 2015, 7, A249.	4.8	26
2	Optical ring metro networks with flexible Grid and distance-adaptive optical coherent transceivers. Bell Labs Technical Journal, 2013, 18, 95-110.	0.7	39
3	Up to 10.7-Gb/s High-PDG RSOA-Based Colorless Transmitter for WDM Networks. IEEE Photonics Technology Letters, 2013, 25, 637-640.	2.5	34
4	Routing, Modulation Level, and Spectrum Assignment in Optical Metro Ring Networks Using Elastic Transceivers. Journal of Optical Communications and Networking, 2013, 5, 305.	4.8	37
5	Traffic Grooming and Spectrum Assignment for Coherent Transceivers in Metro-Flexible Networks. IEEE Photonics Technology Letters, 2013, 25, 183-186.	2.5	10
6	Impact of Nonideal Phase Reference on Soft Decoding of Differentially Encoded Modulation. IEEE Photonics Technology Letters, 2012, 24, 2179-2182.	2.5	17
7	Polarization in Retracing Circuits for WDM-PON. IEEE Photonics Technology Letters, 2012, 24, 1191-1193.	2.5	40
8	Pilot-Symbols-Aided Carrier-Phase Recovery for 100-G PM-QPSK Digital Coherent Receivers. IEEE Photonics Technology Letters, 2012, 24, 739-741.	2.5	89
9	PDM-16QAM transmission performance over uncompensated fiber links. Optics Express, 2011, 19, 21898.	3.4	3
10	Empirical modeling and simulation of phase noise in long-haul coherent optical transmission systems. Optics Express, 2011, 19, 22455.	3.4	54
11	NRZ-PM-QPSK 16 \times 100 Gb/s Transmission Over Installed Fiber With Different Dispersion Maps. IEEE Photonics Technology Letters, 2010, 22, 371-373.	2.5	20
12	Electronic compensation of chromatic dispersion using a digital coherent receiver. Optics Express, 2007, 15, 2120.	3.4	311