

# Giancarlo Gavioli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10703112/publications.pdf>

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