Marco Bertolini

List of Publications by Year
in descending order

12 papers	307 citations	1307594 7 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	285 citing authors

#	Article	IF	Citations
1	Simple self-optimization of WDM networks based on probabilistic constellation shaping [Invited]. Journal of Optical Communications and Networking, 2020, 12, A82.	4.8	17
2	How 64 GBaud Optical Carriers Maximize the Capacity in Core Elastic WDM Networks With Fewer Transponders per Gb/s. Journal of Optical Communications and Networking, 2019, 11, A20.	4.8	8
3	Application of Probabilistic Constellation Shaping and Gaussian Model for Network Self-Optimization. , 2019, , .		3
4	Influence of the maturity of technology on the benefit of 75 GHz-spaced 64 GBaud channels in WDM elastic networks. , 2018, , .		10
5	1.4 Tb Real-Time Alien Superchannel Transport Demonstration Over 410 km Installed Fiber Link Using Software Reconfigurable DP-16 QAM/QPSK. Journal of Lightwave Technology, 2015, 33, 639-644.	4.6	8
6	400 Gb/s Real-Time Trial Using Rate-Adaptive Transponders for Next-Generation Flexible-Grid Networks [Invited]. Journal of Optical Communications and Networking, 2015, 7, A52.	4.8	12
7	400Gb/s Real-time Trial Using Rate-adaptive Transponders for Next Generation Flexible-grid Networks. , 2014, , .		15
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	Empirical modeling and simulation of phase noise in long-haul coherent optical transmission systems. Optics Express, 2011, 19, 22455.	3.4	54
10	Do's and don'ts for a correct nonlinear PMD emulation in 100Gb/s PDM-QPSK systems. Optical Fiber Technology, 2010, 16, 274-278.	2.7	5
11	Cross-Phase Modulation Induced by OOK Channels on Higher-Rate DQPSK and Coherent QPSK Channels. Journal of Lightwave Technology, 2009, 27, 3974-3983.	4.6	86
12	XPM reduction in hybrid 10G/40G transmission using 10-Gb/s narrow-filtered DPSK modulation. Optics Express, 2009, 17, 5919.	3.4	0