

# Marco Bertolini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12152720/publications.pdf>

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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	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
2	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
3	Empirical modeling and simulation of phase noise in long-haul coherent optical transmission systems. Optics Express, 2011, 19, 22455.	3.4	54
4	Simple self-optimization of WDM networks based on probabilistic constellation shaping [Invited]. Journal of Optical Communications and Networking, 2020, 12, A82.	4.8	17
5	400Gb/s Real-time Trial Using Rate-adaptive Transponders for Next Generation Flexible-grid Networks. , 2014, , .		15
6	400Gb/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	Influence of the maturity of technology on the benefit of 75 GHz-spaced 64 GBaud channels in WDM elastic networks. , 2018, , .		10
8	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
9	How 64GBaud 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
10	Do <sup>TM</sup> s and don <sup>TM</sup> ts for a correct nonlinear PMD emulation in 100Gb/s PDM-QPSK systems. Optical Fiber Technology, 2010, 16, 274-278.	2.7	5
11	Application of Probabilistic Constellation Shaping and Gaussian Model for Network Self-Optimization. , 2019, , .		3
12	XPM reduction in hybrid 10G/40G transmission using 10-Gb/s narrow-filtered DPSK modulation. Optics Express, 2009, 17, 5919.	3.4	0