

# Vadim A Konyshev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1668489/publications.pdf>

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16  
papers

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1684188

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1588992

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	New method to obtain optimum performance for 100Gb/s multi-span fiber optic lines. Optics Communications, 2015, 355, 279-284.	2.1	10
2	Accumulation of nonlinear noise in coherent communication lines without dispersion compensation. Optics Communications, 2015, 349, 19-23.	2.1	9
3	Dependence of the bit error rate on the signal power and length of a single-channel coherent single-span communication line (100 Gbit s <sup>-1</sup> ) with polarisation division multiplexing. Quantum Electronics, 2015, 45, 69-74.	1.0	8
4	Design of high-bit-rate coherent communication links. Quantum Electronics, 2016, 46, 1121-1128.	1.0	8
5	Nonlinear distortions as nonlinear noise in coherent fibre-optic communication lines. Quantum Electronics, 2017, 47, 1135-1139.	1.0	7
6	Correlation of nonlinear noises from different spans in 100 Gb/s multi-span fiber optic lines. Optics Communications, 2016, 381, 352-359.	2.1	5
7	Effect of a magnetic field on polarisation of light in an optical fibre with a random distribution of linear birefringence. Quantum Electronics, 2019, 49, 773-776.	1.0	5
8	Retarded field model for fast polarization rotations caused by lightning events. Laser Physics Letters, 2021, 18, 115101.	1.4	4
9	Design principles for modern fibre-optic communication lines. Quantum Electronics, 2019, 49, 1149-1153.	1.0	3
10	Experimental study and numerical modelling of a 3 Å— 100G DP-QPSK superchannel. Quantum Electronics, 2017, 47, 767-772.	1.0	2
11	Experimental investigation of nonlinear operation mode of a DP-QPSK 100G link with co-propagating-pump Raman amplification. Quantum Electronics, 2018, 48, 767-772.	1.0	2
12	200 Gb/s per Channel Unrepeated Transmission Over 520 km Terrestrial Fibers. IEEE Photonics Technology Letters, 2019, 31, 1799-1802.	2.5	2
13	From the Revolution to the Evolution: The Change in the Character of Development of Fiber Optic Communications Technology “ And the Record Performance of 100 Gbit/s Systems as a Marker of this Change. , 2017, , .		1
14	A simple method of measuring the effective SRS coefficient in single-mode optical fibres and its applicability limits. Quantum Electronics, 2017, 47, 906-910.	1.0	1
15	Simple receiver with soft decision forward error correction for binary amplitude modulation. Quantum Electronics, 2015, 45, 585-589.	1.0	0
16	Optical signal quality improvement due to nonlinear interaction between spectral channels. Quantum Electronics, 2016, 46, 924-929.	1.0	0