Victor Lapin

List of Publications by Year
in descending order

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15 papers	41 citations	1937685 4 h-index	1872680 6 g-index

15 all docs	15 docs citations	15 times ranked	13 citing authors

#	Article	IF	Citations
1	Modulation instability and short-pulse generation in media with relaxing Kerr nonlinearity and high self-steepening. Quantum Electronics, 2014, 44, 42-47.	1.0	9
2	Modulation instability of pulsed radiation in an optical waveguide in the presence of the traveling refractive index wave. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016, 121, 256-262.	0.6	6
3	Frequency modulation and compression of optical pulses in an optical fibre with a travelling refractive-index wave. Quantum Electronics, 2016, 46, 39-44.	1.0	5
4	Cross modulation instability in normal-dispersion fibre lasers and amplifiers. Quantum Electronics, 2014, 44, 345-352.	1.0	4
5	Instability of wave packets in nonlinear inhomogeneous waveguides. Physics of Wave Phenomena, 2013, 21, 20-30.	1.1	3
6	Modulation instability of wave packets in inhomogeneous optical waveguides. Journal of Communications Technology and Electronics, 2013, 58, 66-71.	0.5	3
7	Modulation instability of wave packets in a Giresâ€“Tournois interferometer. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016, 121, 95-102.	0.6	3
8	Generation of subpicosecond pulses due to the development of modulation instability of whispering-gallery-mode wave packets in an optical waveguide with a travelling refractive-index wave. Quantum Electronics, 2018, 48, 818-822.	1.0	3
9	Cross-modulation instability in inhomogeneous normal-dispersion fiber amplifiers. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 117, 462-468.	0.6	2
10	Generation of a sequence of frequency-modulated pulses in longitudinally inhomogeneous optical waveguides. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 122, 475-481.	0.6	1
11	Generation of high frequency trains of chirped soliton-like pulses in inhomogeneous and cascaded active fiber configurations. Optics Communications, 2018, 426, 333-340.	2.1	1
12	MODULATION INSTABILITY OF WAVE PACKETS IN INHOMOGENEOUS TWO-MODE LIGHT GUIDES. Computer Optics, 2013, 37, 286-293.	2.2	1
13	Temporal and spectral compression of pulses in fibers with a running refractive index wave. Proceedings of SPIE, 2016, , .	0.8	0
14	Cascade amplification scheme with control of the amplified pulse spectral width. Journal of Optics (India), 2016, 45, 240-246.	1.7	0
15	Modulation instability of wave packets propagating in inhomogeneous nonlinear fiber. Proceedings of SPIE, 2017, , .	0.8	0