

Andrey Yu Leksin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

46
citations

5
h-index

6
g-index

20
ext. papers

49
ext. citations

1
avg, IF

1.18
L-index

#	Paper	IF	Citations
14	Controlled flow of nonlinear surface plasmon polaritons. <i>Journal of Optics (United Kingdom)</i> , 2020 , 22, 075001	1.7	2
13	Formation of nonclassical states of vortex solitons in optical fibers with quantum dots. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016 , 121, 729-735	0.7	1
12	Dissipative laser bullets in dielectric media containing quantum dots. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015 , 119, 497-512	0.7	5
11	Three-Dimensional Dissipative Optical Solitons in a Dielectric Medium with Quantum Dots. <i>EPJ Web of Conferences</i> , 2015 , 103, 04004	0.3	
10	The effect of atomic and optical perturbations on formation and propagation of vortex solitons in a dense atomic media of gas-filled hollow-core optical fibers. <i>European Physical Journal D</i> , 2014 , 68, 1	1.3	14
9	Dissipative optical solitons in dense media with optical pumping. <i>Journal of Experimental and Theoretical Physics</i> , 2012 , 115, 1-14	1	6
8	Storage of quantum optical information based on the intracavity polaritons under the Bose-Einstein condensation condition. <i>Laser Physics</i> , 2007 , 17, 1432-1440	1.2	5
7	Josephson dynamics for coupled polariton modes under the atom-field interaction in the cavity. <i>Applied Physics B: Lasers and Optics</i> , 2007 , 89, 81-89	1.9	5
6	Quantum operational measurement of amplitude and phase parameters for SU(3) symmetry optical fields. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2005 , 7, S745-S749		4
5	Quantum Limits of Polarization Switching in Optical Mesoscopic Devices with Distributively Coupled Quantum Modes. <i>Journal of Russian Laser Research</i> , 2003 , 24, 168-179	0.7	1
4	Mesoscopic quantum properties and the fundamental limit of switching of polarization states of light in spatially periodic systems. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2003 , 94, 768-778	0.7	2
3	Quantum computing and fundamental limit of self-switching effect for nonlinear spatially inhomogeneous bosonic systems 2002 , 4750, 85		
2	Nonclassical interference and quantum computing in mesoscopic systems: information and entropy aspects 2001 , 4429, 52		
1	Quantum Stochasticity in the Stokes Parameters of Light, Polarization, Switching and Procedure of Nondemolition Measurements of Distributed Feedback Systems. <i>Molecular Crystals and Liquid Crystals</i> , 1998 , 321, 223-236		