

Mikhail B Belonenko

List of Publications by Year in descending order

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217
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217
docs citations

217
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic solitons in a system of carbon nanotubes. Journal of Russian Laser Research, 2006, 27, 457-465.	0.3	75
2	Three-dimensional electromagnetic breathers in carbon nanotubes with the field inhomogeneity along their axes. Journal of Applied Physics, 2013, 114, .	1.1	63
3	Two-dimensional light bullets in an array of carbon nanotubes. JETP Letters, 2010, 91, 461-465.	0.4	36
4	Collisions of three-dimensional bipolar optical solitons in an array of carbon nanotubes. Physical Review A, 2016, 94, .	1.0	22
5	Effect of an AC electric field on the conductance of single-wall semiconductor-type carbon nanotubes. Semiconductors, 2010, 44, 1211-1216.	0.2	19
6	Amplification of ultimately-short pulses in graphene in the presence of a high-frequency field. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2010, 108, 618-623.	0.2	19
7	Two-dimensional extremely short electromagnetic pulses in a Bragg medium with carbon nanotubes. European Physical Journal D, 2015, 69, 1.	0.6	17
8	Two-dimensional nonlinear electromagnetic waves in a carbon nanotube array. Physics of the Solid State, 2009, 51, 1758-1764.	0.2	16
9	Extremely short optical pulse in a system of nanotubes with adsorbed hydrogen. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 946-952.	0.9	16
10	Free electromagnetic radiation from the graphene monolayer with spatially modulated conductivity in THz range. Modern Physics Letters B, 2016, 30, 1650185.	1.0	16
11	Interaction of a two-dimensional electromagnetic breather with an electron inhomogeneity in an array of carbon nanotubes. Journal of Applied Physics, 2014, 115, 203109.	1.1	14
12	Interaction of a two-dimensional electromagnetic pulse with an electron inhomogeneity in an array of carbon nanotubes in the presence of field inhomogeneity. European Physical Journal D, 2015, 69, 1.	0.6	14
13	Three-dimensional light bullets in a Bragg medium with carbon nanotubes. Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	13
14	Electromagnetic solitons in a system of graphene planes with Anderson impurities. Journal of Russian Laser Research, 2009, 30, 101-108.	0.3	12
15	Dynamics of laser bullet propagation in carbon nanotube array with metal inhomogeneities. Technical Physics Letters, 2011, 37, 119-122.	0.2	12
16	2D electromagnetic breathers in carbon nanotubes. European Physical Journal D, 2012, 66, 1.	0.6	12
17	Solitons in a system of coupled graphene waveguides. Physics of the Solid State, 2012, 54, 174-177.	0.2	12
18	Extremely short electromagnetic pulses in an array of carbon nanotubes with a longitudinal field inhomogeneity. Physics of the Solid State, 2013, 55, 1333-1339.	0.2	12

#	ARTICLE	IF	CITATIONS
19	EXTREMELY SHORT OPTICAL PULSES IN CARBON NANOTUBES IN DISPERSIVE NONMAGNETIC DIELECTRIC MEDIA. <i>International Journal of Modern Physics B</i> , 2011, 25, 3401-3408.	1.0	11
20	Ultimately short optical pulses in carbon nanotubes in dispersive nonmagnetic dielectric media. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2011, 111, 85-90.	0.2	11
21	Light bullet passing an array of carbon nanotubes with metallic mesh irregularities. <i>European Physical Journal D</i> , 2011, 65, 635-640.	0.6	11
22	Influence of multi-level impurities on the dynamics of ultrashort electromagnetic pulses in carbon nanotubes. <i>Europhysics Letters</i> , 2014, 106, 37005.	0.7	11
23	Propagation of three-dimensional bipolar ultrashort electromagnetic pulses in an inhomogeneous array of carbon nanotubes. <i>Physical Review A</i> , 2018, 97, .	1.0	11
24	Periodic current domains in bundles of carbon nanotubes. <i>Technical Physics</i> , 2008, 53, 817-823.	0.2	10
25	PROPAGATION OF LASER BEAMS IN AN ARRAY OF SEMICONDUCTOR CARBON NANOTUBES. <i>Modern Physics Letters B</i> , 2013, 27, 1350045.	1.0	10
26	Stabilization of ultrashort pulses by external pumping in an array of carbon nanotubes subject to piezoelectric effects. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	10
27	Asymptotic dynamics of three-dimensional bipolar ultrashort electromagnetic pulses in an array of semiconductor carbon nanotubes. <i>Optics Express</i> , 2019, 27, 27592.	1.7	10
28	Two-dimensional electromagnetic breathers in an array of nanotubes with multilevel impurities. <i>Russian Journal of Physical Chemistry B</i> , 2014, 8, 409-415.	0.2	9
29	Ultrashort pulses in a Bragg medium with carbon nanotubes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2014, 78, 1333-1335.	0.1	8
30	Influence of constant electric field on generation of higher harmonics in semiconductor carbon nanotubes. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2010, 108, 774-779.	0.2	7
31	Ultrashort pulse propagation in carbon nanotubes in a magnetic field. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011, 75, 1623-1625.	0.1	7
32	On the electronic spectrum in curved graphene nanoribbons. <i>JETP Letters</i> , 2013, 97, 400-403.	0.4	7
33	Three-dimensional ultrashort optical Airy beams in an inhomogeneous medium with carbon nanotubes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 931-934.	0.9	7
34	Soliton antiferromagnetic lattice in carbon nanotubes. <i>Russian Journal of Physical Chemistry B</i> , 2008, 2, 964-968.	0.2	6
35	Nonlinear conductivity of single-walled zigzag carbon nanotubes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009, 73, 1601-1604.	0.1	6
36	Ultrashort optical pulses in carbon nanotubes and graphene with periodic impurities. <i>Physics of the Solid State</i> , 2010, 52, 1780-1786.	0.2	6

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37	Tunneling through the carbon nanotube/graphene interface exposed to a strong oscillating electric field. <i>Journal of Nanophotonics</i> , 2010, 4, 041670.	0.4	6
38	Electronic spectrum and tunneling current in curved graphene nanoribbons. <i>Solid State Communications</i> , 2011, 151, 1147-1150.	0.9	6
39	Electrical conductivity and diffusion coefficient of electrons in a graphene bilayer. <i>Technical Physics</i> , 2012, 57, 1025-1029.	0.2	6
40	Effect of the intrinsic nonlinearity on the propagation of ultrashort optical pulses in carbon nanotubes in dispersive nonmagnetic dielectric media. <i>Technical Physics</i> , 2013, 58, 621-624.	0.2	6
41	Dynamics of ultimately short electromagnetic pulses in silicene waveguides. <i>Technical Physics Letters</i> , 2013, 39, 579-581.	0.2	6
42	Dynamics of ultimately short electromagnetic pulses in chiral carbon nanotubes. <i>Physics of the Solid State</i> , 2013, 55, 2124-2127.	0.2	6
43	Effect of an electric field on the transport and diffusion properties of bilayer graphene ribbons. <i>Physica Scripta</i> , 2013, 87, 015602.	1.2	6
44	The effect of proper nonlinearity of the medium on the propagation of ultimately short pulses in an array of carbon nanotubes. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2013, 114, 157-160.	0.2	6
45	Peculiarities of the propagation of multidimensional extremely short optical pulses in germanene. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 3117-3120.	0.9	6
46	Kinetic equations for Ising magnet in a parallel alternating field. <i>Theoretical and Mathematical Physics (Russian Federation)</i> , 1991, 88, 747-754.	0.3	5
47	Electromagnetic solitons in a system of quantum dots taking into account the Hubbard interaction. <i>Journal of Russian Laser Research</i> , 2008, 29, 544-550.	0.3	5
48	Two-qubit cells made of boron nitride nanotubes for a quantum computer. <i>Technical Physics</i> , 2009, 54, 338-342.	0.2	5
49	Magnetic field effect on ultra short pulse propagation in system of carbon nanotubes. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2011, 110, 557-561.	0.2	5
50	Coefficients of diffusion and conductivity of semiconductor carbon nanotubes in an external electric field. <i>Physics of the Solid State</i> , 2011, 53, 1943-1946.	0.2	5
51	Discrete solitons in Bragg environment with carbon nanotubes. <i>Modern Physics Letters B</i> , 2015, 29, 1550041.	1.0	5
52	A Two-Dimensional Extremely Short Optical Pulse in a System of Carbon Nanotubes in a Direct Current Electric Field. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016, 120, 434-439.	0.2	5
53	External light control of three-dimensional ultrashort far-infrared pulses in an inhomogeneous array of carbon nanotubes. <i>Physical Review B</i> , 2021, 103, .	1.1	5
54	Absolute negative conductivity in graphene with the Hubbard interaction in a magnetic field. <i>Physics of the Solid State</i> , 2010, 52, 1952-1956.	0.2	4

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55	Interaction of few-cycle optical pulses in nonmetallic carbon nanotubes. <i>Physics of Wave Phenomena</i> , 2011, 19, 39-42.	0.3	4
56	ZITTERBEWEGUNG IN THIN FILMS OF TOPOLOGICAL INSULATORS WITH HEXAGONAL LATTICE IRRADIATED BY TERAHERTZ PULSES. <i>Modern Physics Letters B</i> , 2012, 26, 1250106.	1.0	4
57	Self-focusing of super-Gaussian laser beams propagating in an array of carbon nanotubes. <i>Russian Physics Journal</i> , 2012, 55, 436-443.	0.2	4
58	Propagation of extremely short pulses in a graphene–boron nitride bilayer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 564-566.	0.9	4
59	Zitterbewegung in curved graphene. <i>Physica B: Condensed Matter</i> , 2015, 456, 115-117.	1.3	4
60	Opto-acoustic effects in an array of carbon nanotubes. <i>Journal of Applied Physics</i> , 2016, 120, 134307.	1.1	4
61	Three-dimensional few-cycle optical pulses in germanene with damping and amplification. <i>EPJ Web of Conferences</i> , 2017, 161, 02012.	0.1	4
62	Characteristic features of nonlinear dynamics of a laser pulse in a photorefractive ferroelectric with hydrogen bonds. <i>Quantum Electronics</i> , 1998, 28, 247-250.	0.3	3
63	Modeling of Seignette salt by a ferroelectric: Polarization lattices as a result of interaction with the acoustic subsystem. <i>Technical Physics</i> , 2007, 52, 524-527.	0.2	3
64	Dynamics of electromagnetic pulses with wide spectra in semiconductor superlattices. <i>Journal of Russian Laser Research</i> , 2008, 29, 114-122.	0.3	3
65	Dynamics and damping of electromagnetic solitons in the carbon nanotube bundles. <i>Russian Journal of Physical Chemistry B</i> , 2008, 2, 745-752.	0.2	3
66	Negative differential conductivity in bilayer graphene controlled by an external voltage and in the presence of a magnetic field. <i>Physica Scripta</i> , 2011, 83, 015603.	1.2	3
67	Nonlinear diffraction in inhomogeneous superlattice. <i>Optics and Spectroscopy (English Translation) TJ ETQq1 1 0.784314 rgBT /Overl</i>	0.2	3
68	ECHO EFFECTS ON RELATIVISTIC LANDAU LEVELS IN GRAPHENE AND BIGRAPHENE AS A MANIFESTATION OF THE QUANTUM MEMORY. <i>Modern Physics Letters B</i> , 2012, 26, 1250094.	1.0	3
69	Propagation of extremely short optical pulses in impurity carbon nanotubes in dispersive and nonlinear media. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2012, 76, 1280-1282.	0.1	3
70	Tunneling characteristics of a contact between a superlattice and non-Fermi liquid using the AdS/CFT correspondence. <i>Modern Physics Letters B</i> , 2014, 28, 1450170.	1.0	3
71	Interaction of two-dimensional electromagnetic breathers in an array of carbon nanotubes. <i>Physics of the Solid State</i> , 2014, 56, 2112-2117.	0.2	3
72	Dynamics of few cycle optical pulses in a non-Fermi liquid and AdS/CFT correspondence. <i>Modern Physics Letters B</i> , 2015, 29, 1550096.	1.0	3

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73	Ultrashort pulses in graphene with Coulomb impurities. Optics and Spectroscopy (English Translation) Tj ETQq1 1 0,784314 rgBT /Overl	0,2	3
74	Three-dimensional few cycle optical pulses in nonlinear medium with carbon nanotubes. Modern Physics Letters B, 2016, 30, 1650345.	1.0	3
75	Two-dimensional extremely short optical pulses with a Bessel cross section in inhomogeneous medium of carbon nanotubes. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq1 1 0.784314 rgBT, @overlock 10 Tf 50	0,2	3
76	Multidimensional ultimately short optical pulses in silicene. Technical Physics Letters, 2017, 43, 386-389.	0.2	3
77	Light bullets in a Bragg medium containing metallic carbon nanotubes. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 123, 111-116.	0.2	3
78	Simulation of the dynamics of the spatial domain structure of a ferroelectric triglycine sulfate crystal. Physics of the Solid State, 2006, 48, 1132-1133.	0.2	2
79	Dynamics of ultrashort light pulses in a semiconductor superlattice in the presence of a magnetic field. Technical Physics Letters, 2009, 35, 759-763.	0.2	2
80	Electromagnetic solitons in carbon nanotubes at low temperatures. Russian Journal of Physical Chemistry B, 2010, 4, 151-155.	0.2	2
81	Study of the indirect interaction in the quantum dots of the graphene bilayer in the framework of the s-d model. Technical Physics Letters, 2011, 37, 724-727.	0.2	2
82	Dissipative solitons in carbon nanotubes. Physics of the Solid State, 2011, 53, 209-214.	0.2	2
83	Specific features of indirect interaction in an impurity graphene bilayer in the framework of the s-d model. Physics of the Solid State, 2011, 53, 1689-1693.	0.2	2
84	Asymptotic dynamics of extremely short pulses in a system of carbon nanotubes. Russian Physics Journal, 2011, 53, 1118-1124.	0.2	2
85	On the vortex stability in BEC. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 165301.	0.6	2
86	The effect of spin-orbit interaction on the dynamics of ultimately short pulses in graphene systems. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 453-456.	0.2	2
87	Dynamics of ultrashort pulse propagation in the multilayer graphene-boron nitride system. Physics of the Solid State, 2013, 55, 1248-1251.	0.2	2
88	Terahertz radiation from carbon nanorings in external collinear constant and varying electric fields. Technical Physics, 2013, 58, 584-588.	0.2	2
89	Extremely short optical pulses in strained graphene in terms of the gauge theory. Physics of the Solid State, 2013, 55, 2602-2607.	0.2	2
90	Soliton-induced flow in carbon nanotubes. Europhysics Letters, 2013, 101, 66001.	0.7	2

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91	Study of the indirect exchange interaction in a strained graphene nanoribbon. <i>Physica B: Condensed Matter</i> , 2013, 419, 62-65.	1.3	2
92	Few-cycle optical pulses in a thin film of a topological insulator. <i>Optics Communications</i> , 2014, 329, 151-153.	1.0	2
93	Stabilization of electromagnetic solitons in thin films of topological insulators by constant electric field. <i>European Physical Journal B</i> , 2014, 87, 1.	0.6	2
94	Effect of electromagnetic radiation on an array of noninteracting carbon nanoribbons in the presence of nanosecond electrical pulses. <i>Semiconductors</i> , 2015, 49, 663-667.	0.2	2
95	Ultrashort electromagnetic pulses in graphene with disorder. <i>Optics and Spectroscopy (English)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.2	2
96	Propagation of few cycle optical pulses in marginal Fermi liquid and ADS/CFT correspondence. <i>Physica B: Condensed Matter</i> , 2015, 478, 43-46.	1.3	2
97	2D light bullets in a Bragg medium with a harmonically modulated refractive index and carbon nanotubes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016, 80, 837-840.	0.1	2
98	Three-dimensional few-cycle optical Airy pulses in the array of carbon nanotubes with multilevel impurities. <i>Modern Physics Letters B</i> , 2017, 31, 1750005.	1.0	2
99	Sensitivity of graphene flakes and nanorings to impurities. <i>Physica B: Condensed Matter</i> , 2017, 514, 51-53.	1.3	2
100	Three-dimensional dissipative quasi-solitons in carbon nanotubes. <i>Optics and Spectroscopy (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	2
101	The dynamics of three-dimensional extremely short pulses in carbon nanotubes with attenuation and amplification. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017, 123, 624-628.	0.2	2
102	Propagation of three-dimensional extremely short optical pulses in germanene in the presence of an external electric field. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017, 123, 425-429.	0.2	2
103	Light bullets in an Bragg environment with carbon nanotubes in the external magnetic field. <i>EPJ Web of Conferences</i> , 2017, 161, 02018.	0.1	2
104	Two-dimensional electroacoustic waves in silicene. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	1.1	2
105	Propagation of two-dimensional extremely short optical pulses in photonic crystal with silicene. <i>Modern Physics Letters B</i> , 2019, 33, 1950037.	1.0	2
106	Self-induced transparency in a resonance medium with the dipole-dipole interaction. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2000, 88, 387-389.	0.2	1
107	Nonlinear Waves in Carbon Nanotubes under Conditions of Electron-Phonon Bonding. <i>Russian Physics Journal</i> , 2005, 48, 639-645.	0.2	1
108	Nonlinear waves of spatial polarization for a crystal of the deuterated seignette salt. <i>Physics of the Solid State</i> , 2006, 48, 1088-1089.	0.2	1

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109	Investigation into the domain structure dynamics in ferroelectrics with an incommensurate phase. Russian Physics Journal, 2006, 49, 864-868.	0.2	1
110	A lattice of electromagnetic solitons in a superlattice formed by a system of quantum dots. Journal of Russian Laser Research, 2008, 29, 49-56.	0.3	1
111	<title>Light scattering on solitons in carbon nanotubes</title>. Proceedings of SPIE, 2008, , .	0.8	1
112	Ultrashort optical pulses controlling electric fields in carbon nanotubes at low temperatures. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1598-1600.	0.1	1
113	Doped carbon nanotubes as quantum memory devices. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1675-1677.	0.1	1
114	Ultrashort optical pulse in a defect order-disorder ferroelectric. Physics of the Solid State, 2009, 51, 1679-1684.	0.2	1
115	Electromagnetic solitons in a superlattice with parabolic miniband. Technical Physics Letters, 2010, 36, 389-391.	0.2	1
116	Absolute negative conductivity of graphene in the Hubbard model. Physica Scripta, 2010, 82, 025704.	1.2	1
117	Absolute negative conductivity of graphene with impurities in magnetic field. Semiconductors, 2011, 45, 628-632.	0.2	1
118	Negative differential conductivity of bigraphene controlled by an external voltage in a magnetic field. Physics of the Solid State, 2011, 53, 1694-1698.	0.2	1
119	Curved graphene nanoribbons and tunneling current. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 1576-1578.	0.1	1
120	Discrete solitons in the bigraphene with adsorbed atomic hydrogen. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 1655-1657.	0.1	1
121	THE HALL CONDUCTIVITY OF A DOPED GRAPHENE IN A QUANTIZING MAGNETIC FIELD. Modern Physics Letters B, 2012, 26, 1250188.	1.0	1
122	Zitterbewegung in thin-film topological insulators in the presence of a terahertz pulse. Physics of the Solid State, 2012, 54, 2462-2464.	0.2	1
123	The possibility of using RNA for optical applications. Bulletin of the Russian Academy of Sciences: Physics, 2012, 76, 260-263.	0.1	1
124	Electromagnetic vortices in an array of carbon nanotubes. Bulletin of the Russian Academy of Sciences: Physics, 2012, 76, 1326-1328.	0.1	1
125	Nonlinear diffraction of super-gaussian laser beams in an array of quantum-dot chains with coulomb interaction taken into account. Journal of Russian Laser Research, 2012, 33, 55-62.	0.3	1
126	Nonlinear diffraction in a quantum-dot system with allowance for the Hubbard interaction. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 249-254.	0.2	1

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127	Specific dynamics of faster-than-light (in the medium) extremely short optical pulses in an array of carbon nanotubes. <i>Physics of the Solid State</i> , 2012, 54, 1463-1466.	0.2	1
128	Doped graphene in a quantizing magnetic field: Hall conductivity. <i>Physics of the Solid State</i> , 2013, 55, 895-897.	0.2	1
129	Tunneling current of the contact between impurity-containing graphene nanoribbons. <i>Semiconductors</i> , 2013, 47, 662-664.	0.2	1
130	Dynamics of ultimately short electromagnetic pulses in chiral carbon nanotubes in the presence of an external field. <i>Technical Physics</i> , 2014, 59, 1749-1752.	0.2	1
131	Extremely short electromagnetic pulse in a superlattice taking into account field inhomogeneity along its axis. <i>Semiconductors</i> , 2014, 48, 1348-1352.	0.2	1
132	Tunneling Characteristics of a Metal ϵ Non-Fermi Liquid Contact and the AdS/CFT Correspondence. <i>Russian Physics Journal</i> , 2015, 57, 1556-1560.	0.2	1
133	Zitterbewegung near a Schwarzschild-type black hole. <i>Modern Physics Letters A</i> , 2016, 31, 1650168.	0.5	1
134	Dynamics of a two-dimensional light bullet propagating in a system of carbon nanotubes with a velocity greater than the speed of light in the medium. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016, 80, 833-836.	0.1	1
135	Zitterbewegung in Four-Dimensional Spherically-Symmetric Spacetime. <i>Russian Physics Journal</i> , 2016, 59, 892-899.	0.2	1
136	Influence of the order parameter on the dynamics of ultrashort pulses in an environment with carbon nanotubes. <i>Journal of Applied Physics</i> , 2017, 121, 084301.	1.1	1
137	Conductivity of impurity graphene nanoribbons and gate electric field. <i>Modern Physics Letters B</i> , 2017, 31, 1750340.	1.0	1
138	Three-dimensional few-cycle optical pulses in the inhomogeneous environment of carbon nanotubes in an optical resonator. <i>EPJ Web of Conferences</i> , 2017, 161, 02008.	0.1	1
139	Two-dimensional few cycle optical pulses inside a carbon nanotubes photonic crystal. <i>EPJ Web of Conferences</i> , 2019, 220, 03010.	0.1	1
140	10.1007/s11451-008-2027-7. , 2010, 50, 383.		1
141	Order parameter induced by an extremely short optical pulse in a medium with chiral carbon nanotubes. <i>Optik</i> , 2022, 251, 168385.	1.4	1
142	Transients in an electrooptic cell with delayed negative feedback. <i>Quantum Electronics</i> , 1993, 23, 81-84.	0.3	0
143	Laser ultrashort-pulse spectroscopy of the order parameters of hydrogen-bonded ferroelectrics. <i>Quantum Electronics</i> , 1996, 26, 685-687.	0.3	0
144	Second harmonic generation in order-disorder ferroelectrics. <i>Russian Physics Journal</i> , 1999, 42, 64-69.	0.2	0

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145	Low-temperature nonlinear lattices in ferroelectrics with protonic conductivity. <i>Low Temperature Physics</i> , 2000, 26, 47-50.	0.2	0
146	Localized Polaron Type States in Ferroelectrics-Ferroelastics. <i>Ferroelectrics</i> , 2005, 316, 139-146.	0.3	0
147	<title>Low temperature solitonic mechanism coherent state transfer in Tanamoto quantum computer model</title>. , 2006, , .		0
148	<title>Dynamics of an ultra-short laser impulse in photo-refracting media</title>. , 2006, , .		0
149	<title>Research on evolution of ferroelectric domain structure at interaction with laser impulses</title>. , 2006, 6181, 400.		0
150	<title>Multy-dimensional localized states in the system of admixture atoms</title>. , 2006, , .		0
151	<title>Two-dimensional long-living states of soliton type in order-disorder type ferroelectrics at spreading of an ultra-short laser impulse</title>. , 2006, , .		0
152	<title>Asymptotic behavior of an ultra-short laser impulse in two-level media with Stark effect</title>. , 2006, 6181, 258.		0
153	<title>Quantization of non-linear waves in one-dimensional system of admixture atoms</title>. , 2006, , .		0
154	Polaron-type localized states in ferroelectric ferroelastics. <i>Physics of the Solid State</i> , 2006, 48, 1086-1087.	0.2	0
155	Dynamics of the domain structure in ferroelectrics with an incommensurate phase. <i>Physics of the Solid State</i> , 2006, 48, 1134-1136.	0.2	0
156	Dynamics of the domain structure in a ferroelectric triglycinesulfate crystal. <i>Technical Physics</i> , 2006, 51, 466-469.	0.2	0
157	Perturbation method of qualitative analysis of dynamic systems. <i>Russian Physics Journal</i> , 2006, 49, 706-711.	0.2	0
158	Two-dimensional bound states of ultrashort light pulses and polarisation of light in ferroelectric impurity crystals. <i>Quantum Electronics</i> , 2007, 37, 465-470.	0.3	0
159	Dynamics of electromagnetic field in two-level doped systems. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2007, 71, 130-133.	0.1	0
160	Nonlinear electron density waves and nonlinear acoustic waves in carbon nanotubes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2007, 71, 134-138.	0.1	0
161	Qualitative dynamics of potential systems on simply connected compact manifolds with ellipsoidal boundary in R ³ . <i>Russian Physics Journal</i> , 2007, 50, 283-289.	0.2	0
162	Design of soliton electron lattices in carbon nanotubes by a magnetic field. <i>Russian Physics Journal</i> , 2008, 51, 1262-1269.	0.2	0

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163	Interaction of ultrashort light pulses with carbon nanotubes. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 673-676.	0.1	0
164	Interaction of wide-spectrum electromagnetic pulses with materials containing a superstructure. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1610-1613.	0.1	0
165	Control of soliton lattices of Hubbard electrons in carbon nanotubes by a magnetic field. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1614-1616.	0.1	0
166	<title>Effects of memory at interaction of a laser beam with deuterated ferroelectrics</title>. , 2008, , .		0
167	Interaction of an ultrashort optical pulse with the impurity subsystem of a hydrogen-containing ferroelectric. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 106, 92-98.	0.2	0
168	Ultrashort optical pulse in an order-disorder ferroelectric in the presence of a lattice of defects. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 106, 730-735.	0.2	0
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