

Nail Akhmediev

List of Publications by Year in descending order

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352
papers

24,738
citations

7096

78
h-index

7745

150
g-index

353
all docs

353
docs citations

353
times ranked

4390
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissipative solitons for mode-locked lasers. Nature Photonics, 2012, 6, 84-92.	31.4	1,362
2	The Peregrine soliton in nonlinear fibre optics. Nature Physics, 2010, 6, 790-795.	16.7	1,166
3	Waves that appear from nowhere and disappear without a trace. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 675-678.	2.1	1,052
4	Rogue Wave Observation in a Water Wave Tank. Physical Review Letters, 2011, 106, 204502.	7.8	960
5	Rogue waves and rational solutions of the nonlinear Schrödinger equation. Physical Review E, 2009, 80, 026601.	2.1	803
6	Cherenkov radiation emitted by solitons in optical fibers. Physical Review A, 1995, 51, 2602-2607.	2.5	704
7	Matter rogue waves. Physical Review A, 2009, 80, .	2.5	558
8	Extreme waves that appear from nowhere: On the nature of rogue waves. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2137-2145.	2.1	523
9	Modulation instability, Akhmediev Breathers and continuous wave supercontinuum generation. Optics Express, 2009, 17, 21497.	3.4	456
10	Pulsating solitons, chaotic solitons, period doubling, and pulse coexistence in mode-locked lasers: Complex Ginzburg-Landau equation approach. Physical Review E, 2001, 63, 056602.	2.1	415
11	Rogue waves and rational solutions of the Hirota equation. Physical Review E, 2010, 81, 046602.	2.1	413
12	Dissipative soliton resonances. Physical Review A, 2008, 78, .	2.5	376
13	Multisoliton Solutions of the Complex Ginzburg-Landau Equation. Physical Review Letters, 1997, 79, 4047-4051.	7.8	371
14	Dissipative Rogue Waves Generated by Chaotic Pulse Bunching in a Mode-Locked Laser. Physical Review Letters, 2012, 108, 233901.	7.8	368
15	Pulsating, Creeping, and Erupting Solitons in Dissipative Systems. Physical Review Letters, 2000, 85, 2937-2940.	7.8	353
16	Observation of Kuznetsov-Ma soliton dynamics in optical fibre. Scientific Reports, 2012, 2, 463.	3.3	345
17	How to excite a rogue wave. Physical Review A, 2009, 80, .	2.5	262
18	Recent progress in investigating optical rogue waves. Journal of Optics (United Kingdom), 2013, 15, 060201.	2.2	252

#	ARTICLE	IF	CITATIONS
19	Observation of Manakov Spatial Solitons in AlGaAs Planar Waveguides. <i>Physical Review Letters</i> , 1996, 76, 3699-3702.	7.8	237
20	Novel soliton states and bifurcation phenomena in nonlinear fiber couplers. <i>Physical Review Letters</i> , 1993, 70, 2395-2398.	7.8	226
21	Roadmap on optical rogue waves and extreme events. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 063001.	2.2	225
22	Observation of Polarization-Locked Vector Solitons in an Optical Fiber. <i>Physical Review Letters</i> , 1999, 82, 3988-3991.	7.8	219
23	Experimental Evidence for Soliton Explosions. <i>Physical Review Letters</i> , 2002, 88, 073903.	7.8	218
24	Second-order nonlinear Schrödinger equation breather solutions in the degenerate and rogue wave limits. <i>Physical Review E</i> , 2012, 85, 066601.	2.1	215
25	Singularities and special soliton solutions of the cubic-quintic complex Ginzburg-Landau equation. <i>Physical Review E</i> , 1996, 53, 1190-1201.	2.1	211
26	Bifurcations and multiple-period soliton pulsations in a passively mode-locked fiber laser. <i>Physical Review E</i> , 2004, 70, 066612.	2.1	207
27	Editorial “Introductory remarks on “Discussion & Debate: Rogue Waves” Towards a Unifying Concept?” <i>European Physical Journal: Special Topics</i> , 2010, 185, 1-4.	2.6	202
28	Partially Coherent Solitons on a Finite Background. <i>Physical Review Letters</i> , 1999, 82, 2661-2664.	7.8	200
29	Super Rogue Waves: Observation of a Higher-Order Breather in Water Waves. <i>Physical Review X</i> , 2012, 2, .	8.9	199
30	Rogue wave triplets. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 2782-2785.	2.1	195
31	Roadmap to ultra-short record high-energy pulses out of laser oscillators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 3124-3128.	2.1	189
32	Vector rogue waves in binary mixtures of Bose-Einstein condensates. <i>European Physical Journal: Special Topics</i> , 2010, 185, 169-180.	2.6	185
33	Are rogue waves robust against perturbations?. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 3997-4000.	2.1	182
34	Higher-Order Modulation Instability in Nonlinear Fiber Optics. <i>Physical Review Letters</i> , 2011, 107, 253901.	7.8	182
35	Integrable Turbulence and Rogue Waves: Breathers or Solitons?. <i>Physical Review Letters</i> , 2016, 116, 103901.	7.8	181
36	Circular rogue wave clusters. <i>Physical Review E</i> , 2011, 84, 056611.	2.1	179

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37	Revealing the Transition Dynamics from Q Switching to Mode Locking in a Soliton Laser. Physical Review Letters, 2019, 123, 093901.	7.8	173
38	Observation of a hierarchy of up to fifth-order rogue waves in a water tank. Physical Review E, 2012, 86, 056601.	2.1	172
39	Dissipative rogue waves: Extreme pulses generated by passively mode-locked lasers. Physical Review E, 2011, 84, 016604.	2.1	168
40	Pulse solutions of the cubic-quintic complex Ginzburg-Landau equation in the case of normal dispersion. Physical Review E, 1997, 55, 4783-4796.	2.1	164
41	Dissipative soliton resonances in the anomalous dispersion regime. Physical Review A, 2009, 79, .	2.5	155
42	Soliton collisions with shape change by intensity redistribution in mixed coupled nonlinear Schrödinger equations. Physical Review E, 2006, 73, 026604.	2.1	154
43	Extended nonlinear Schrödinger equation with higher-order odd and even terms and its rogue wave solutions. Physical Review E, 2014, 89, 012907.	2.1	154
44	Discrete rogue waves of the Ablowitz-Ladik and Hirota equations. Physical Review E, 2010, 82, 026602.	2.1	152
45	Classifying the hierarchy of nonlinear-Schrödinger-equation rogue-wave solutions. Physical Review E, 2013, 88, 013207.	2.1	147
46	Dissipative soliton resonance as a guideline for high-energy pulse laser oscillators. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2336.	2.1	137
47	Partially Coherent Solitons of Variable Shape. Physical Review Letters, 1998, 81, 4632-4635.	7.8	134
48	Infinite hierarchy of nonlinear Schrödinger equations and their solutions. Physical Review E, 2016, 93, 012206.	2.1	133
49	Quantized separations of phase-locked soliton pairs in fiber lasers. Optics Letters, 2003, 28, 1757.	3.3	128
50	Stability of the higher-bound states in a saturable self-focusing medium. Physical Review A, 1991, 44, 636-644.	2.5	127
51	Higher-order integrable evolution equation and its soliton solutions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 358-361.	2.1	126
52	Three-dimensional rogue waves in nonstationary parabolic potentials. Physical Review E, 2010, 82, 036610.	2.1	121
53	Rogue waves, rational solutions, the patterns of their zeros and integral relations. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 122002.	2.1	119
54	Soliton solutions of an integrable nonlinear Schrödinger equation with quintic terms. Physical Review E, 2014, 90, 032922.	2.1	117

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55	Three forms of localized solutions of the quintic complex Ginzburg-Landau equation. <i>Physical Review E</i> , 1996, 53, 1931-1939.	2.1	115
56	Modulation Instability and Phase-Shifted Fermi-Pasta-Ulam Recurrence. <i>Scientific Reports</i> , 2016, 6, 28516.	3.3	112
57	Does the nonlinear Schrödinger equation correctly describe beam propagation?. <i>Optics Letters</i> , 1993, 18, 411.	3.3	107
58	Collisions and turbulence in optical rogue wave formation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 989-996.	2.1	106
59	Persistence of rogue waves in extended nonlinear Schrödinger equations: Integrable Sasa-Satsuma case. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 1558-1561.	2.1	103
60	Novel Arbitrary-Amplitude Soliton Solutions of the Cubic-Quintic Complex Ginzburg-Landau Equation. <i>Physical Review Letters</i> , 1995, 75, 2320-2323.	7.8	102
61	Dissipative soliton resonances in laser models with parameter management. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008, 25, 1972.	2.1	100
62	Rogue waves – towards a unifying concept?: Discussions and debates. <i>European Physical Journal: Special Topics</i> , 2010, 185, 5-15.	2.6	100
63	Diffractive solitons in optics. <i>Nature</i> , 2001, 413, 267-268.	27.8	99
64	Breather-to-soliton conversions described by the quintic equation of the nonlinear Schrödinger hierarchy. <i>Physical Review E</i> , 2015, 91, 032928.	2.1	98
65	Rogue waves and solitons on a cnoidal background. <i>European Physical Journal: Special Topics</i> , 2014, 223, 43-62.	2.6	96
66	Rogue waves as spatial energy concentrators in arrays of nonlinear waveguides. <i>Optics Letters</i> , 2009, 34, 3015.	3.3	95
67	Multi-soliton complexes. <i>Chaos</i> , 2000, 10, 600-612.	2.5	93
68	Dynamical models for dissipative localized waves of the complex Ginzburg-Landau equation. <i>Physical Review E</i> , 2006, 73, 036621.	2.1	93
69	Generation of a train of three-dimensional optical solitons in a self-focusing medium. <i>Physical Review A</i> , 1993, 47, 1358-1364.	2.5	92
70	Spectral dynamics of modulation instability described using Akhmediev breather theory. <i>Optics Letters</i> , 2011, 36, 2140.	3.3	92
71	Superregular Breathers in Optics and Hydrodynamics: Omnipresent Modulation Instability beyond Simple Periodicity. <i>Physical Review X</i> , 2015, 5, .	8.9	91
72	Soliton complexes in dissipative systems: Vibrating, shaking, and mixed soliton pairs. <i>Physical Review E</i> , 2007, 75, 016613.	2.1	90

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73	Sasa-Satsuma equation: Soliton on a background and its limiting cases. <i>Physical Review E</i> , 2012, 86, 026606.	2.1	88
74	Experimental Observation of Dark Solitons on the Surface of Water. <i>Physical Review Letters</i> , 2013, 110, 124101.	7.8	87
75	Dissipative soliton interactions inside a fiber laser cavity. <i>Optical Fiber Technology</i> , 2005, 11, 209-228.	2.7	85
76	Moving breathers and breather-to-soliton conversions for the Hirota equation. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150130.	2.1	85
77	Stability of the soliton states in a nonlinear fiber coupler. <i>Physical Review E</i> , 1993, 48, 4710-4715.	2.1	83
78	Dynamics of solitonlike pulse propagation in birefringent optical fibers. <i>Physical Review E</i> , 1994, 49, 5742-5754.	2.1	83
79	Modulation instability, Fermi-Pasta-Ulam recurrence, rogue waves, nonlinear phase shift, and exact solutions of the Ablowitz-Ladik equation. <i>Physical Review E</i> , 2011, 83, 046603.	2.1	79
80	Rogue wave early warning through spectral measurements?. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 541-544.	2.1	78
81	Extreme soliton pulsations in dissipative systems. <i>Physical Review E</i> , 2015, 92, 022926.	2.1	75
82	First-order exact solutions of the nonlinear Schrödinger equation in the normal-dispersion regime. <i>Physical Review A</i> , 1993, 47, 3213-3221.	2.5	71
83	Hamiltonian-versus-energy diagrams in soliton theory. <i>Physical Review E</i> , 1999, 59, 6088-6096.	2.1	71
84	Rogue waves in optical fibers in presence of third-order dispersion, self-steepening, and self-frequency shift. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 87.	2.1	70
85	Partially coherent solitons of variable shape in a slow Kerr-like medium: Exact solutions. <i>Physical Review E</i> , 1999, 59, 6079-6087.	2.1	68
86	Coherent and Incoherent Contributions to Multisoliton Complexes. <i>Physical Review Letters</i> , 1999, 83, 4736-4739.	7.8	66
87	Super-rogue waves in simulations based on weakly nonlinear and fully nonlinear hydrodynamic equations. <i>Physical Review E</i> , 2013, 88, 012909.	2.1	65
88	Strongly asymmetric soliton explosions. <i>Physical Review E</i> , 2004, 70, 036613.	2.1	64
89	Group interactions of dissipative solitons in a laser cavity: the case of 2+1. <i>Optics Express</i> , 2004, 12, 3184.	3.4	64
90	Observation of rogue wave triplets in water waves. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 2590-2593.	2.1	64

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91	Hydrodynamics of periodic breathers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140005.	3.4	63
92	Breather solutions of the integrable quintic nonlinear Schrödinger equation and their interactions. Physical Review E, 2015, 91, 022919.	2.1	63
93	Light bullets and dynamic pattern formation in nonlinear dissipative systems. Optics Express, 2005, 13, 9352.	3.4	62
94	Mid-infrared supercontinuum generation in supercritical xenon-filled hollow-core negative curvature fibers. Optics Letters, 2016, 41, 5122.	3.3	62
95	Spatial soliton X-junctions and couplers. Optics Communications, 1993, 100, 186-192.	2.1	61
96	Self-bending photorefractive solitons. Physical Review E, 1996, 54, 5761-5765.	2.1	60
97	Experimental study of spatiotemporally localized surface gravity water waves. Physical Review E, 2012, 86, 016311.	2.1	60
98	Experiments on wind-perturbed rogue wave hydrodynamics using the Peregrine breather model. Physics of Fluids, 2013, 25, .	4.0	59
99	Elliptically polarised solitons in birefringent optical fibers. Optics Communications, 1994, 112, 278-282.	2.1	57
100	Triangular rogue wave cascades. Physical Review E, 2012, 86, 056602.	2.1	57
101	Hydrodynamic Supercontinuum. Physical Review Letters, 2013, 111, 054104.	7.8	57
102	Stability criterion for stationary bound states of solitons with radiationless oscillating tails. Physical Review E, 1995, 51, 3572-3578.	2.1	56
103	Optical bullets and "rockets" in nonlinear dissipative systems and their transformations and interactions. Optics Express, 2006, 14, 4013.	3.4	56
104	Spatiotemporal optical solitons in nonlinear dissipative media: From stationary light bullets to pulsating complexes. Chaos, 2007, 17, 037112.	2.5	56
105	Positive and negative curvatures nested in an antiresonant hollow-core fiber. Optics Letters, 2017, 42, 703.	3.3	56
106	Stability of spatial solitary waves in quadratic media. Optics Letters, 1995, 20, 2183.	3.3	55
107	Bifurcations from stationary to pulsating solitons in the cubic-quintic complex Ginzburg-Landau equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 343, 417-422.	2.1	53
108	Phase locking and periodic evolution of solitons in passively mode-locked fiber lasers with a semiconductor saturable absorber. Optics Letters, 1998, 23, 852.	3.3	52

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109	Exploding solitons and Shil'nikov's theorem. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003, 317, 287-292.	2.1	52
110	Dissipative Solitons in the Complex Ginzburg-Landau and Swift-Hohenberg Equations. , 0, , 1-17.		52
111	Breather turbulence versus soliton turbulence: Rogue waves, probability density functions, and spectral features. <i>Physical Review E</i> , 2016, 94, 022212.	2.1	52
112	Recurrence and azimuthal-symmetry breaking of a cylindrical Gaussian beam in a saturable self-focusing medium. <i>Physical Review A</i> , 1992, 45, 3168-3175.	2.5	51
113	Rogue wave-type solutions of the mKdV equation and their relation to known NLSE rogue wave solutions. <i>Nonlinear Dynamics</i> , 2018, 91, 1931-1938.	5.2	51
114	Influence of the Raman-effect on solitons in optical fibers. <i>Optics Communications</i> , 1996, 131, 260-266.	2.1	50
115	Propagation dynamics of ultrashort pulses in nonlinear fiber couplers. <i>Physical Review E</i> , 1994, 49, 4519-4529.	2.1	49
116	Soliton interaction in nonequilibrium dynamical systems. <i>Physical Review E</i> , 1996, 53, 6471-6475.	2.1	49
117	Asymmetrical splitting of higher-order optical solitons induced by quintic nonlinearity. <i>Optics Communications</i> , 1997, 143, 322-328.	2.1	49
118	BOSE-EINSTEIN CONDENSATION OF ATOMS WITH ATTRACTIVE INTERACTION. <i>International Journal of Modern Physics B</i> , 1999, 13, 625-631.	2.0	49
119	Simultaneous existence of a multiplicity of stable and unstable solitons in dissipative systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 291, 115-123.	2.1	48
120	Composite solitons and two-pulse generation in passively mode-locked lasers modeled by the complex quintic Swift-Hohenberg equation. <i>Physical Review E</i> , 2002, 66, 066610.	2.1	48
121	Optical Fiber Systems Are Convectively Unstable. <i>Physical Review Letters</i> , 2008, 101, 113904.	7.8	48
122	Continuous-wave versus pulse regime in a passively mode-locked laser with a fast saturable absorber. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2002, 19, 234.	2.1	47
123	Breather solutions of a fourth-order nonlinear Schrödinger equation in the degenerate, soliton, and rogue wave limits. <i>Physical Review E</i> , 2017, 96, 042209.	2.1	47
124	Soliton as Strange Attractor: Nonlinear Synchronization and Chaos. <i>Physical Review Letters</i> , 2005, 95, 024101.	7.8	46
125	Dissipative ring solitons with vorticity. <i>Optics Express</i> , 2009, 17, 4236.	3.4	46
126	Dissipative rogue wave generation in multiple-pulsing mode-locked fiber laser. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 064005.	2.2	46

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127	Universal triangular spectra in parametrically-driven systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 775-779.	2.1	45
128	Rogue waves of the Sasa-Satsuma equation in a chaotic wave field. Physical Review E, 2014, 90, 032902.	2.1	45
129	Spiny solitons and noise-like pulses. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1377.	2.1	45
130	Exact localized and periodic solutions of the discrete complex Ginzburg-Landau equation. Optics Communications, 2003, 221, 199-209.	2.1	44
131	Dissipative solitons with a Lagrangian approach. Optical Fiber Technology, 2007, 13, 91-97.	2.7	43
132	Integrable equations of the infinite nonlinear Schrödinger equation hierarchy with time variable coefficients. Chaos, 2015, 25, 103114.	2.5	43
133	Doubly periodic solutions of the focusing nonlinear Schrödinger equation: Recurrence, period doubling, and amplification outside the conventional modulation-instability band. Physical Review A, 2020, 101, .	2.5	43
134	Collision-induced shape transformations of partially coherent solitons. Physical Review E, 1999, 59, 4654-4658.	2.1	42
135	Creeping solitons in dissipative systems and their bifurcations. Physical Review E, 2007, 76, 016607.	2.1	42
136	Rogue wave spectra of the Sasa-Satsuma equation. Physica D: Nonlinear Phenomena, 2015, 294, 37-42.	2.8	42
137	Excitation of vortex solitons in a Gaussian beam configuration. Optics Communications, 1996, 126, 108-112.	2.1	40
138	Fermi-Pasta-Ulam Recurrence in Nonlinear Fiber Optics: The Role of Reversible and Irreversible Losses. Physical Review X, 2014, 4, .	8.9	37
139	Interrelation between various branches of stable solitons in dissipative systems—a conjecture for stability criterion. Optics Communications, 2001, 199, 283-293.	2.1	36
140	“Extraordinary” modulation instability in optics and hydrodynamics. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
141	Description of the self-focusing and collapse effects by a modified nonlinear Schrödinger equation. Optics Communications, 1993, 101, 223-230.	2.1	35
142	Efficient modulation frequency doubling by induced modulation instability. Optics Communications, 2010, 283, 1152-1154.	2.1	35
143	Observation of Coexisting Dissipative Solitons in a Mode-Locked Fiber Laser. Physical Review Letters, 2015, 115, 253903.	7.8	35
144	Waves that Appear From Nowhere: Complex Rogue Wave Structures and Their Elementary Particles. Frontiers in Physics, 2021, 8, .	2.1	35

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145	Darker-than-black solitons: Dark solitons with total phase shift greater than π . Physical Review E, 1993, 48, 3980-3987.	2.1	34
146	Stationary solitonlike pulses in birefringent optical fibers. Physical Review E, 1995, 51, 3547-3555.	2.1	34
147	Optical bullets and double bullet complexes in dissipative systems. Physical Review E, 2006, 74, 046612.	2.1	34
148	Early detection of rogue waves in a chaotic wave field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2999-3001.	2.1	34
149	Empirical Formulae for Dispersion and Effective Mode Area in Hollow-Core Antiresonant Fibers. Journal of Lightwave Technology, 2018, 36, 4060-4065.	4.6	34
150	Fundamental Peregrine Solitons of Ultrastrong Amplitude Enhancement through Self-Steepening in Vector Nonlinear Systems. Physical Review Letters, 2020, 124, 113901.	7.8	34
151	Exact soliton solutions of the one-dimensional complex Swift-Hohenberg equation. Physica D: Nonlinear Phenomena, 2003, 176, 44-66.	2.8	33
152	Stationary and pulsating dissipative light bullets from a collective variable approach. Physical Review E, 2009, 79, 026609.	2.1	33
153	On the solution of multicomponent nonlinear Schrödinger equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 330, 224-229.	2.1	32
154	Could rogue waves be used as efficient weapons against enemy ships?. European Physical Journal: Special Topics, 2010, 185, 259-266.	2.6	32
155	Rogue wave solutions for the infinite integrable nonlinear Schrödinger equation hierarchy. Physical Review E, 2017, 96, 012219.	2.1	32
156	Adiabatic transformation of continuous waves into trains of pulses. Physical Review A, 2017, 96, .	2.5	32
157	Interaction of dual-frequency pulses in passively mode-locked lasers. Optics Communications, 2001, 187, 419-426.	2.1	31
158	Few-cycle optical solitary waves in nonlinear dispersive media. Physical Review A, 2013, 87, .	2.5	31
159	Stability analysis of even and odd waves of symmetric nonlinear planar optical waveguides. Journal of the Optical Society of America B: Optical Physics, 1993, 10, 230.	2.1	30
160	Asymmetric partially coherent solitons in saturable nonlinear media. Physical Review E, 1999, 60, 2377-2380.	2.1	30
161	Soliton interaction and bound states in amplified-damped fiber systems. Optics Letters, 1995, 20, 1970.	3.3	29
162	Exploding soliton and front solutions of the complex cubic-quintic Ginzburg-Landau equation. Mathematics and Computers in Simulation, 2005, 69, 526-536.	4.4	29

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163	Periodic and rational solutions of modified Korteweg-de Vries equation. European Physical Journal D, 2016, 70, 1.	1.3	29
164	Effect of natural optical activity on the propagation of photorefractive solitons. Optics Communications, 1996, 132, 179-189.	2.1	28
165	Extreme amplitude spikes in a laser model described by the complex Ginzburg-Landau equation. Optics Letters, 2015, 40, 2949.	3.3	28
166	Soliton propagation in optical devices with two-component fields: a comparative study. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 1100.	2.1	27
167	Recurrence phase shift in Fermi-Pasta-Ulam nonlinear dynamics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 4158-4161.	2.1	26
168	Nondegenerate Kuznetsov-Ma solitons of Manakov equations and their physical spectra. Physical Review A, 2022, 105, .	2.5	26
169	Shallow-water rogue waves: An approach based on complex solutions of the Korteweg-de Vries equation. Physical Review E, 2019, 99, 050201.	2.1	25
170	Dynamics and interaction of pulses in the modified Manakov model. Optics Communications, 2006, 266, 660-668.	2.1	24
171	DISSIPATIVE SOLITONS: PRESENT UNDERSTANDING, APPLICATIONS AND NEW DEVELOPMENTS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 2621-2636.	1.7	24
172	Modulation instability, Cherenkov radiation, and Fermi-Pasta-Ulam recurrence. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1930.	2.1	24
173	Motion and stability properties of solitons in discrete dissipative structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 314, 126-130.	2.1	23
174	Continuously self-focusing and continuously self-defocusing two-dimensional beams in dissipative media. Physical Review A, 2008, 77, .	2.5	22
175	Exact Analytic Spectra of Asymmetric Modulation Instability in Systems with Self-Steepening Effect. Physical Review Letters, 2021, 127, 094102.	7.8	22
176	Transformations of continuously self-focusing and continuously self-defocusing dissipative solitons. Optics Express, 2008, 16, 15388.	3.4	21
177	Approach to first-order exact solutions of the Ablowitz-Ladik equation. Physical Review E, 2011, 83, 056602.	2.1	21
178	Dispersion of nonlinear group velocity determines shortest envelope solitons. Physical Review A, 2011, 84, .	2.5	21
179	Observation of rogue wave holes in a water wave tank. Journal of Geophysical Research, 2012, 117, .	3.3	21
180	Intricate dynamics of rogue waves governed by the Sasa-Satsuma equation. Physica D: Nonlinear Phenomena, 2020, 402, 132252.	2.8	21

#	ARTICLE	IF	CITATIONS
181	Extreme spectral asymmetry of Akhmediev breathers and Fermi-Pasta-Ulam recurrence in a Manakov system. <i>Physical Review E</i> , 2021, 104, 024215.	2.1	21
182	Dissipative solitons of the discrete complex cubic-quintic Ginzburg-Landau equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 347, 231-240.	2.1	20
183	Three Sources and Three Component Parts of the Concept of Dissipative Solitons. <i>Lecture Notes in Physics</i> , 2008, , 1-28.	0.7	20
184	Effect of an external periodic potential on pairs of dissipative solitons. <i>Physical Review A</i> , 2009, 80, .	2.5	20
185	Chessboard-like spatio-temporal interference patterns and their excitation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 1294.	2.1	20
186	Non-degenerate multi-rogue waves and easy ways of their excitation. <i>Physica D: Nonlinear Phenomena</i> , 2022, 433, 133192.	2.8	20
187	Interactions of solitons with oscillating tails. <i>Optics Communications</i> , 1995, 121, 109-114.	2.1	19
188	Super-regular breathers in nonlinear systems with self-steepening effect. <i>Physical Review E</i> , 2019, 100, 062201.	2.1	19
189	Spectral properties of the Peregrine soliton observed in a water wave tank. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
190	Solitons of the Complex Ginzburg-Landau Equation. <i>Springer Series in Optical Sciences</i> , 2001, , 311-341.	0.7	18
191	Limitations of the variational approach in soliton propagation in nonlinear couplers. <i>Optics Communications</i> , 1993, 103, 410-416.	2.1	17
192	Generation of a train of solitons with arbitrary phase difference between neighboring solitons. <i>Optics Letters</i> , 1994, 19, 545.	3.3	17
193	Spatial walking solitons in quadratic nonlinear crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 1476.	2.1	17
194	Multisoliton complexes on a background. <i>Physical Review E</i> , 2000, 61, 5893-5899.	2.1	17
195	Heat dissipative solitons in optical fibers. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 1531-1534.	2.1	17
196	Influence of external phase and gain-loss modulation on bound solitons in laser systems. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 2204.	2.1	17
197	Rogue waves and other solutions of single and coupled Ablowitz-Ladik and nonlinear Schrödinger equations. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 064008.	2.2	17
198	Drifting breathers and Fermi-Pasta-Ulam paradox for water waves. <i>Wave Motion</i> , 2019, 90, 168-174.	2.0	17

#	ARTICLE	IF	CITATIONS
199	Directional soliton and breather beams. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9759-9763.	7.1	17
200	Power-dependent polarization dynamics of mixed-mode spatial solitary waves in AlGaAs waveguides. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 3032.	2.1	16
201	Exploding dissipative solitons in reaction-diffusion systems. Physical Review E, 2013, 88, 042911.	2.1	16
202	The phase patterns of higher-order rogue waves. Journal of Optics (United Kingdom), 2013, 15, 064011.	2.2	16
203	Gray solitons on the surface of water. Physical Review E, 2014, 89, 011002.	2.1	16
204	Observation of doubly periodic solutions of the nonlinear Schrödinger equation in optical fibers. Optics Letters, 2020, 45, 3757.	3.3	16
205	Multimode structure of bright and dark vector solitons in photorefractive media. Optics Letters, 1996, 21, 782.	3.3	15
206	Walking vector solitons. Optics Communications, 1997, 138, 105-108.	2.1	15
207	Soliton states in a nonlinear directional coupler with intermodal dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 27-34.	2.1	15
208	Dissipative solitons and antisolitons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 370, 454-458.	2.1	15
209	Dissipative solitons with energy and matter flows: Fundamental building blocks for the world of living organisms. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 968-974.	2.1	15
210	Bright and dark rogue internal waves: The Gardner equation approach. Physical Review E, 2019, 99, 062224.	2.1	15
211	Radiation related polarization instability of fast Kerr spatial solitons in slab waveguides. Optics Communications, 2000, 186, 335-341.	2.1	14
212	Periodic and optical soliton solutions of the quintic complex Swift-Hohenberg equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 308, 397-404.	2.1	14
213	Concurrent Passive Mode-Locked and Self- Q -Switched Operation in Laser Systems. Physical Review Letters, 2021, 126, 224101.	7.8	14
214	Dissipative solitons with extreme spikes: bifurcation diagrams in the anomalous dispersion regime. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1542.	2.1	14
215	Radiation-related polarization instability of Kerr spatial vector solitons. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 695.	2.1	13
216	Creeping solitons of the complex Ginzburg-Landau equation with a low-dimensional dynamical system model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 362, 31-36.	2.1	13

#	ARTICLE	IF	CITATIONS
217	Vibrating and shaking soliton pairs in dissipative systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 364, 413-416.	2.1	13
218	General Theory of Solitons. , 2001, , 371-395.		13
219	Moving fronts for complex Ginzburg-Landau equation with Raman term. <i>Physical Review E</i> , 1998, 58, 6723-6727.	2.1	12
220	DISSIPATIVE SOLITON PULSATATIONS WITH PERIODS BEYOND THE LASER CAVITY ROUND TRIP TIME. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2005, 14, 177-194.	1.8	12
221	Experiments on higher-order and degenerate Akhmediev breather-type rogue water waves. <i>Journal of Ocean Engineering and Marine Energy</i> , 2017, 3, 385-394.	1.7	12
222	Rogue waves under influence of Raman delay. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 899.	2.1	12
223	Doubly periodic solutions of the class-I infinitely extended nonlinear Schrödinger equation. <i>Physical Review E</i> , 2019, 99, 052217.	2.1	12
224	Dynamics of quadratic soliton excitation. <i>Optics Communications</i> , 1999, 162, 347-356.	2.1	11
225	Multi-soliton complexes in a sea of radiation modes. <i>Optics Communications</i> , 2001, 195, 293-302.	2.1	11
226	Sasa-Satsuma hierarchy of integrable evolution equations. <i>Chaos</i> , 2018, 28, 053108.	2.5	11
227	Midinfrared Pulse Generation by Pumping in the Normal-Dispersion Regime of a Gas-Filled Hollow-Core Fiber. <i>Physical Review Applied</i> , 2019, 12, .	3.8	11
228	Heterodyne Optical Time Domain Reflectometer Combined With Active Loss Compensation: A Practical Tool for Investigating Fermi Pasta Ulam Recurrence Process and Breathers Dynamics in Optical Fibers. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	11
229	Dark soliton pairs in fiber couplers. <i>Optics Communications</i> , 1994, 111, 116-122.	2.1	10
230	Soliton interactions in perturbed nonlinear Schrödinger equations. <i>Physical Review E</i> , 2000, 61, 7121-7133.	2.1	10
231	Multipoint soliton devices with controllable transmission. <i>Optics Letters</i> , 2003, 28, 908.	3.3	10
232	Solitons on a background, rogue waves, and classical soliton solutions of the Sasa-Satsuma equation. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 064006.	2.2	10
233	Ultrashort optical solitons in transparent nonlinear media with arbitrary dispersion. <i>Optical and Quantum Electronics</i> , 2014, 46, 1233-1238.	3.3	10
234	Modulation instability in higher-order nonlinear Schrödinger equations. <i>Chaos</i> , 2018, 28, 123116.	2.5	10

#	ARTICLE	IF	CITATIONS
235	Stationary soliton states in couplers with saturable nonlinearity. <i>Optical and Quantum Electronics</i> , 1995, 27, 193-200.	3.3	9
236	Novel bifurcation phenomena for solitons in nonlinear saturable couplers. <i>Optics Communications</i> , 1995, 116, 411-415.	2.1	9
237	Velocity of heat dissipative solitons in optical fibers. <i>Optics Letters</i> , 2008, 33, 2176.	3.3	9
238	The Peregrine Breather on the Zero-Background Limit as the Two-Soliton Degenerate Solution: An Experimental Study. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	9
239	Pulse-pulse interaction in dispersion-managed fiber systems with nonlinear amplifiers. <i>Optics Communications</i> , 2002, 201, 217-221.	2.1	8
240	Spectral properties of limiting solitons in optical fibers. <i>Optics Express</i> , 2014, 22, 30251.	3.4	8
241	Analysis of bifurcations for parabolic nonlinearity optical couplers. <i>Optics Communications</i> , 1996, 124, 95-102.	2.1	7
242	Rogue waves of the nonlinear Schrödinger equation with even symmetric perturbations. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 064007.	2.2	7
243	Infinitely extended complex KdV equation and its solutions : solitons and rogue waves. <i>Physica Scripta</i> , 2020, 95, 035201.	2.5	7
244	Stability analysis for solitons in planar waveguides, fibres and couplers using Hamiltonian concepts. <i>IEE Proceedings: Optoelectronics</i> , 2003, 150, 519-526.	0.8	6
245	Dissipative solitons with extreme spikes in the normal and anomalous dispersion regimes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20180023.	3.4	6
246	Amplification of nonlinear waves in a symmetric planar waveguide. <i>Physical Review A</i> , 1992, 45, 2006-2011.	2.5	5
247	Comparison of Lagrangian approach and method of moments for reducing dimensionality of soliton dynamical systems. <i>Chaos</i> , 2008, 18, 033129.	2.5	5
248	How Cherenkov radiative losses can improve optical frequency combs. <i>Science</i> , 2016, 351, 340-341.	12.6	5
249	Two-breather solutions for the class I infinitely extended nonlinear Schrödinger equation and their special cases. <i>Nonlinear Dynamics</i> , 2019, 98, 245-255.	5.2	4
250	Experimental Realization of Periodic Deep-Water Wave Envelopes with and without Dissipation. <i>Water Waves</i> , 2020, 2, 113-122.	1.0	4
251	Complex Korteweg-de Vries equation: A deeper theory of shallow water waves. <i>Physical Review E</i> , 2021, 103, 022216.	2.1	4
252	New analysis of an old instability. <i>SPIE Newsroom</i> , 0, , .	0.1	4

#	ARTICLE	IF	CITATIONS
253	A new kind of periodic stationary solution of the cubic Ginzburg-Landau equation. Physica A: Statistical Mechanics and Its Applications, 1996, 233, 801-808.	2.6	3
254	Convection-induced stabilization of optical dissipative solitons. Optics Letters, 2011, 36, 4410.	3.3	3
255	Generating ultra-short high-energy pulses using dissipative soliton resonance: Pulse compression schemes. , 2011, , .		3
256	Focus Issue Introduction: Nonlinear Photonics. Optics Express, 2012, 20, 27212.	3.4	3
257	Hydrodynamic Envelope Solitons and Breathers. Lecture Notes in Physics, 2016, , 55-87.	0.7	3
258	Kerr frequency combs and triangular spectra. Optics Letters, 2017, 42, 2126.	3.3	3
259	Generalised Sasa-Satsuma Equation: Densities Approach to New Infinite Hierarchy of Integrable Evolution Equations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2018, 73, 1121-1128.	1.5	3
260	Pulsating solitons, chaotic solitons, period doubling, and pulse coexistence in mode-locked lasers.. , 2001, , .		3
261	Manakov Spatial Solitons. Optics and Photonics News, 1996, 7, 30.	0.5	2
262	Intensity limits for stationary and interacting multi-soliton complexes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 305, 160-166.	2.1	2
263	Analytical studies of modulation instability and nonlinear compression dynamics in optical fiber propagation. Proceedings of SPIE, 2011, , .	0.8	2
264	Exploding solitons vs rogue waves in laser cavities. , 2014, , .		2
265	Solutions of the higher-order Manakov-type continuous and discrete equations. Physical Review E, 2014, 90, 012902.	2.1	2
266	Rogue waves in higher-order systems: Lagrangian approach. Physica Scripta, 2019, 94, 035203.	2.5	2
267	Concurrent instabilities causing multiple rogue waves in infinite-dimensional dynamical systems. Nonlinear Dynamics, 2020, 99, 2265-2275.	5.2	2
268	Q -switching bifurcation dynamics of passively mode-locked lasers. Physical Review E, 2021, 104, 024221.	2.1	2
269	Role of the quintic nonlinear refractive term in the stability of dissipative solitons of the complex Ginzburg-Landau equation. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 3541.	2.1	2
270	Creeping solitons in dissipative systems. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
271	Optical Soliton Molecules in Fiber Lasers. , 2006, , .		1
272	Dissipative solitons for real world optical solitons. , 2007, , .		1
273	Dissipative solitons and their interactions. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 1130301-1130302.	0.2	1
274	Modulation instability, Akhmediev breathers, and rogue waves in nonlinear fiber optics. Proceedings of SPIE, 2010, , .	0.8	1
275	Dissipative solitons for mode-locked fiber lasers. , 2010, , .		1
276	Peregrine soliton in optical fiber-based systems. , 2011, , .		1
277	Universal spectral dynamics of modulation instability: theory, simulation, experiment. , 2011, , .		1
278	Recent progress in theory of nonlinear pulse propagation in optical fibers. , 2014, , .		1
279	Solitons as Strange Attractors. , 2004, , 45-60.		1
280	Double peak rogue waves of the Sasa-Satsuma equation in a chaotic wave field. , 2014, , .		1
281	Kuznetsov-Ma Soliton Dynamics in Nonlinear Fiber Optics. , 2012, , .		1
282	Two-parameter two-component solitons in nonlinear directional coupler with intermodal dispersion. , 2001, , .		1
283	Theory of amplification of nonlinear guided waves. Physical Review A, 1993, 47, 2196-2204.	2.5	0
284	Optical memory based on the long-term photon echo phenomenon. Journal of Luminescence, 1995, 66-67, 74-77.	3.1	0
285	Incoherent Solitons - Properties and Collisions. , 1999, , ThE4.		0
286	Linear guidance properties of solitonic Y-junction waveguides. Optical and Quantum Electronics, 2001, 33, 19-54.	3.3	0
287	Coexistence of a multiplicity of stable and unstable solitons in fiber lasers. , 0, , .		0
288	Observation of exploding solitons in a modelocked laser. , 0, , .		0

#	ARTICLE	IF	CITATIONS
289	Dissipative solutions in discrete systems. , 0, , .		0
290	Composite soliton generation in systems with two peak spectral filtering. , 0, , .		0
291	Generation of interacting pulse pairs in passively mode-locked fiber lasers. , 0, , .		0
292	Multiple Solitons in Systems Governed by the Swift-Hohenberg Equation. , 2004, , MC14.		0
293	Entrainment of Pulse Modulation Frequency in Fiber Lasers. , 2005, , WC2.		0
294	Composite Solitons Generated by Solid State Passively Mode-Locked Laser. , 2005, , WA5.		0
295	Soliton pulsations in a fiber laser cavity with periods beyond the round trip time. , 0, , .		0
296	Dissipative soliton interactions in laser systems. , 0, , .		0
297	<title>Dissipative temporal solitons in a laser cavity</title>. , 2006, 6255, 36.		0
298	Stationary and Pulsating Dissipative Optical Bullets. , 2006, , .		0
299	Regions of Existence and Transformations of (3+1)-D Dissipative Optical Solitons. , 2006, , .		0
300	Two types of stationary solitons in dissipative systems. , 2006, , .		0
301	Interactions and transformations of dissipative optical bullets. , 2007, , .		0
302	Vibrating temporal soliton pairs. , 2007, , .		0
303	Two-dimensional beams of dissipative antisolitons. , 2007, , .		0
304	Multiplicity of soliton transformations in the vicinity of the boundaries of their existence. Proceedings of SPIE, 2007, , .	0.8	0
305	Dissipative ring solitons with high values of vorticity. , 2009, , .		0
306	Waves that appear from nowhere - rogue waves in optics. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
307	Rogue waves and turbulence in optics: Rediscovered frontiers in nonlinear dynamics. , 2009, , .		0
308	Pulsating dissipative light bullets. , 2009, , .		0
309	Complexes and molecules of dissipative solitons in mode-locked lasers. , 2009, , .		0
310	Supercontinuum to solitons: New nonlinear structures in fiber propagation. , 2010, , .		0
311	Akhmediev Breather dynamics and the nonlinear modulation instability spectrum. Proceedings of SPIE, 2010, , .	0.8	0
312	Collisions and emergence of optical rogue solitons. , 2010, , .		0
313	Optical rogue waves and localized structures in nonlinear fiber optics. , 2011, , .		0
314	Rogue waves as energy concentrators in arrays of coupled nonlinear waveguides. Proceedings of SPIE, 2011, , .	0.8	0
315	Rediscovered dynamics of nonlinear fiber optics: from breathers to extreme localisation. , 2011, , .		0
316	Ubiquitous Rogue Waves. , 2011, , .		0
317	Characteristic triangular spectra of extreme localised structures: insight from optics into rogue wave early warning. , 2011, , .		0
318	Seeded and spontaneous higher-order modulation instability. , 2012, , .		0
319	Rogue wave clusters with atom-like structures. , 2012, , .		0
320	Higher-order modulation instability in fiber optics. , 2012, , .		0
321	Ultrashort optical solitons in nonlinear media with arbitrary dispersion. , 2013, , .		0
322	Solitons on a background, rogue waves, and classical soliton solutions of extended Nonlinear Schrödinger Equations. , 2013, , .		0
323	Dissipative rogue waves through multi-pulse collisions in a fiber laser. , 2013, , .		0
324	Appearances and disappearances of Fermi Pasta Ulam recurrence in nonlinear fiber optics. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
325	Solitons that are too Short in Duration. , 2014, , .		0
326	Dissipative solitons with energy and matter flows. , 2014, , .		0
327	Nonlinear Photonics 2014: Introduction. Optics Express, 2015, 23, 484.	3.4	0
328	Few-cycle solitons that do not want to be too short in duration. , 2017, , .		0
329	Dissipative solitons with extreme spikes. , 2017, , .		0
330	Drifting Rogue Packets. , 2018, , .		0
331	Multisoliton complexes in a sea of radiation modes. , 2001, , .		0
332	Instability of Fast Kerr Solitons in Aigaas Waveguides at 1.55 Microns. , 2001, , 317-320.		0
333	Erupting Solitons in Fiber Lasers. , 2001, , .		0
334	Stability criterion for solitons in passively mode-locked fiber lasers. , 2002, , .		0
335	Observation of soliton explosions. , 2002, , .		0
336	Lossless planar X-junctions induced by vector solitons. , 2002, , .		0
337	Chaotic Dissipative Solitons as Strange Attractors. , 2004, , .		0
338	Boundaries of Existence for Pulsating Solitons in Dissipative Systems. , 2005, , .		0
339	Self-propelled Solitons in Dissipative Systems. , 2007, , .		0
340	Solitons and Antisolitons in Dissipative Systems. , 2007, , .		0
341	Dissipative Soliton Lasers. , 2010, , .		0
342	Rogue waves in presence of higher order effects. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
343	Collisions in optical rogue wave formation. , 2010, , .		0
344	Optical Rogue Waves: Physics and Impact. , 2011, , .		0
345	Dissipative rogue wave generation from a mode-locked fiber laser experiment. , 2012, , .		0
346	Rogue waves in extended nonlinear Schrödinger equations: Integrable Sasa–Satsuma case. , 2012, , .		0
347	Multiple appearances and disappearances of Fermi Pasta Ulam Recurrence due to reversible and irreversible losses in Nonlinear Fiber Optics. , 2014, , .		0
348	Coherence and Incoherence in Multi-Soliton Complexes. , 1999, , .		0
349	Extreme Pulse Dynamics in Mode-Locked Lasers. Springer Proceedings in Physics, 2018, , 171-189.	0.2	0
350	New developments in the theory of rogue waves. , 2019, , .		0
351	Multi-frequency pulsations in mode-locked fiber lasers. , 0, , .		0
352	The IST spectral portraits of the first order doubly periodic solutions of the nonlinear Schrödinger equation. Physica Scripta, 2020, 95, 115202.	2.5	0