

Jose M Soto-Crespo

List of Publications by Year in descending order

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179
papers

11,841
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28274

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107
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180
all docs

180
docs citations

180
times ranked

2647
citing authors

#	ARTICLE	IF	CITATIONS
1	Rogue waves and rational solutions of the nonlinear Schrödinger equation. <i>Physical Review E</i> , 2009, 80, 026601.	2.1	803
2	Extreme waves that appear from nowhere: On the nature of rogue waves. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 2137-2145.	2.1	523
3	Pulsating solitons, chaotic solitons, period doubling, and pulse coexistence in mode-locked lasers: Complex Ginzburg-Landau equation approach. <i>Physical Review E</i> , 2001, 63, 056602.	2.1	415
4	Rogue waves and rational solutions of the Hirota equation. <i>Physical Review E</i> , 2010, 81, 046602.	2.1	413
5	Dissipative soliton resonances. <i>Physical Review A</i> , 2008, 78, .	2.5	376
6	Multisoliton Solutions of the Complex Ginzburg-Landau Equation. <i>Physical Review Letters</i> , 1997, 79, 4047-4051.	7.8	371
7	Dissipative Rogue Waves Generated by Chaotic Pulse Bunching in a Mode-Locked Laser. <i>Physical Review Letters</i> , 2012, 108, 233901.	7.8	368
8	Pulsating, Creeping, and Erupting Solitons in Dissipative Systems. <i>Physical Review Letters</i> , 2000, 85, 2937-2940.	7.8	353
9	How to excite a rogue wave. <i>Physical Review A</i> , 2009, 80, .	2.5	262
10	Phase-locked soliton pairs in a stretched-pulse fiber laser. <i>Optics Letters</i> , 2002, 27, 966.	3.3	247
11	Roadmap on optical rogue waves and extreme events. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 063001.	2.2	225
12	Observation of Polarization-Locked Vector Solitons in an Optical Fiber. <i>Physical Review Letters</i> , 1999, 82, 3988-3991.	7.8	219
13	Experimental Evidence for Soliton Explosions. <i>Physical Review Letters</i> , 2002, 88, 073903.	7.8	218
14	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
15	Bifurcations and multiple-period soliton pulsations in a passively mode-locked fiber laser. <i>Physical Review E</i> , 2004, 70, 066612.	2.1	207
16	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
17	Integrable Turbulence and Rogue Waves: Breathers or Solitons?. <i>Physical Review Letters</i> , 2016, 116, 103901.	7.8	181
18	Monte Carlo simulations for scattering of electromagnetic waves from perfectly conductive random rough surfaces. <i>Optics Letters</i> , 1987, 12, 979.	3.3	180

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19	Stable soliton pairs in optical transmission lines and fiber lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 515.	2.1	174
20	Versatile rogue waves in scalar, vector, and multidimensional nonlinear systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 463001.	2.1	170
21	Dissipative rogue waves: Extreme pulses generated by passively mode-locked lasers. <i>Physical Review E</i> , 2011, 84, 016604.	2.1	168
22	Pulse solutions of the cubic-quintic complex Ginzburg-Landau equation in the case of normal dispersion. <i>Physical Review E</i> , 1997, 55, 4783-4796.	2.1	164
23	Stability of the pulselike solutions of the quintic complex Ginzburg-Landau equation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1996, 13, 1439.	2.1	156
24	Dissipative soliton resonances in the anomalous dispersion regime. <i>Physical Review A</i> , 2009, 79, .	2.5	155
25	Electromagnetic scattering from very rough random surfaces and deep reflection gratings. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1989, 6, 367.	1.5	153
26	Discrete rogue waves of the Ablowitz-Ladik and Hirota equations. <i>Physical Review E</i> , 2010, 82, 026602.	2.1	152
27	Dissipative soliton resonance as a guideline for high-energy pulse laser oscillators. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010, 27, 2336.	2.1	137
28	Polarization-locked temporal vector solitons in a fiber laser: experiment. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000, 17, 354.	2.1	129
29	Quantized separations of phase-locked soliton pairs in fiber lasers. <i>Optics Letters</i> , 2003, 28, 1757.	3.3	128
30	Stability of the higher-bound states in a saturable self-focusing medium. <i>Physical Review A</i> , 1991, 44, 636-644.	2.5	127
31	Multipulse operation of a Ti:sapphire laser mode locked by an ion-implanted semiconductor saturable-absorber mirror. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1999, 16, 895.	2.1	122
32	Three forms of localized solutions of the quintic complex Ginzburg-Landau equation. <i>Physical Review E</i> , 1996, 53, 1931-1939.	2.1	115
33	Phase-locked stationary soliton states in birefringent nonlinear optical fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 434.	2.1	108
34	Does the nonlinear Schrödinger equation correctly describe beam propagation?. <i>Optics Letters</i> , 1993, 18, 411.	3.3	107
35	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
36	Relative phase locking of pulses in a passively mode-locked fiber laser. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2003, 20, 863.	2.1	99

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37	Soliton pairs in a fiber laser: from anomalous to normal average dispersion regime. <i>Optics Express</i> , 2003, 11, 2238.	3.4	96
38	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
39	All-optical switching of solitons in two- and three-core nonlinear fiber couplers. <i>Journal of Applied Physics</i> , 1991, 70, 7240-7243.	2.5	91
40	Soliton complexes in dissipative systems: Vibrating, shaking, and mixed soliton pairs. <i>Physical Review E</i> , 2007, 75, 016613.	2.1	90
41	Dissipative soliton interactions inside a fiber laser cavity. <i>Optical Fiber Technology</i> , 2005, 11, 209-228.	2.7	85
42	Stability of the soliton states in a nonlinear fiber coupler. <i>Physical Review E</i> , 1993, 48, 4710-4715.	2.1	83
43	Dynamics of solitonlike pulse propagation in birefringent optical fibers. <i>Physical Review E</i> , 1994, 49, 5742-5754.	2.1	83
44	Scattering from slightly rough random surfaces: a detailed study on the validity of the small perturbation method. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1990, 7, 1185.	1.5	80
45	Dark- and bright-rogue-wave solutions for media with long-wave "short-wave resonance. <i>Physical Review E</i> , 2014, 89, 011201.	2.1	80
46	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
47	Extreme soliton pulsations in dissipative systems. <i>Physical Review E</i> , 2015, 92, 022926.	2.1	75
48	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
49	Strongly asymmetric soliton explosions. <i>Physical Review E</i> , 2004, 70, 036613.	2.1	64
50	Polarization-locked temporal vector solitons in a fiber laser: theory. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000, 17, 366.	2.1	63
51	Light bullets and dynamic pattern formation in nonlinear dissipative systems. <i>Optics Express</i> , 2005, 13, 9352.	3.4	62
52	Multisoliton states and pulse fragmentation in a passively mode-locked fibre laser. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2004, 6, S271-S278.	1.4	61
53	Elliptically polarised solitons in birefringent optical fibers. <i>Optics Communications</i> , 1994, 112, 278-282.	2.1	57
54	Stability of three-dimensional self-trapped beams with a dark spot surrounded by bright rings of varying intensity. <i>Physical Review A</i> , 1994, 49, R3170-R3173.	2.5	56

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55	Optical bullets and "rockets" in nonlinear dissipative systems and their transformations and interactions. <i>Optics Express</i> , 2006, 14, 4013.	3.4	56
56	Spatiotemporal optical solitons in nonlinear dissipative media: From stationary light bullets to pulsating complexes. <i>Chaos</i> , 2007, 17, 037112.	2.5	56
57	Peregrine Solitons Beyond the Threefold Limit and Their Two-Soliton Interactions. <i>Physical Review Letters</i> , 2018, 121, 104101.	7.8	55
58	Coexisting rogue waves within the (2+1)-component long-wave"short-wave resonance. <i>Physical Review E</i> , 2014, 90, 033203.	2.1	54
59	Phase locking and periodic evolution of solitons in passively mode-locked fiber lasers with a semiconductor saturable absorber. <i>Optics Letters</i> , 1998, 23, 852.	3.3	52
60	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
61	Dark three-sister rogue waves in normally dispersive optical fibers with random birefringence. <i>Optics Express</i> , 2014, 22, 27632.	3.4	52
62	Breather turbulence versus soliton turbulence: Rogue waves, probability density functions, and spectral features. <i>Physical Review E</i> , 2016, 94, 022212.	2.1	52
63	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
64	Solitary-wave vortices in quadratic nonlinear media. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 625.	2.1	51
65	Propagation dynamics of ultrashort pulses in nonlinear fiber couplers. <i>Physical Review E</i> , 1994, 49, 4519-4529.	2.1	49
66	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
67	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
68	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
69	Soliton as Strange Attractor: Nonlinear Synchronization and Chaos. <i>Physical Review Letters</i> , 2005, 95, 024101.	7.8	46
70	Dissipative ring solitons with vorticity. <i>Optics Express</i> , 2009, 17, 4236.	3.4	46
71	Dissipative rogue wave generation in multiple-pulsing mode-locked fiber laser. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 064005.	2.2	46
72	Universal triangular spectra in parametrically-driven systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 775-779.	2.1	45

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73	Rogue waves of the Sasa-Satsuma equation in a chaotic wave field. <i>Physical Review E</i> , 2014, 90, 032902.	2.1	45
74	Spiny solitons and noise-like pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 1377.	2.1	45
75	Creeping solitons in dissipative systems and their bifurcations. <i>Physical Review E</i> , 2007, 76, 016607.	2.1	42
76	Rogue wave spectra of the Sasa-Satsuma equation. <i>Physica D: Nonlinear Phenomena</i> , 2015, 294, 37-42.	2.8	42
77	Multisoliton regime of pulse generation by lasers passively mode locked with a slow saturable absorber. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1999, 16, 674.	2.1	41
78	Chirped Peregrine solitons in a class of cubic-quintic nonlinear Schrödinger equations. <i>Physical Review E</i> , 2016, 93, 062202.	2.1	41
79	Rogue-wave bullets in a composite (2+1)D nonlinear medium. <i>Optics Express</i> , 2016, 24, 15251.	3.4	40
80	Interrelation between various branches of stable solitons in dissipative systems—a conjecture for stability criterion. <i>Optics Communications</i> , 2001, 199, 283-293.	2.1	36
81	Optical rogue waves in parametric three-wave mixing and coherent stimulated scattering. <i>Physical Review A</i> , 2015, 92, .	2.5	36
82	Watch-hand-like optical rogue waves in three-wave interactions. <i>Optics Express</i> , 2015, 23, 349.	3.4	36
83	Description of the self-focusing and collapse effects by a modified nonlinear Schrödinger equation. <i>Optics Communications</i> , 1993, 101, 223-230.	2.1	35
84	Stationary solitonlike pulses in birefringent optical fibers. <i>Physical Review E</i> , 1995, 51, 3547-3555.	2.1	34
85	Optical bullets and double bullet complexes in dissipative systems. <i>Physical Review E</i> , 2006, 74, 046612.	2.1	34
86	Early detection of rogue waves in a chaotic wave field. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 2999-3001.	2.1	34
87	Stationary and pulsating dissipative light bullets from a collective variable approach. <i>Physical Review E</i> , 2009, 79, 026609.	2.1	33
88	Could rogue waves be used as efficient weapons against enemy ships?. <i>European Physical Journal: Special Topics</i> , 2010, 185, 259-266.	2.6	32
89	Adiabatic transformation of continuous waves into trains of pulses. <i>Physical Review A</i> , 2017, 96, .	2.5	32
90	Super chirped rogue waves in optical fibers. <i>Optics Express</i> , 2019, 27, 11370.	3.4	31

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91	Solitary-wave vortices in type II second-harmonic generation. <i>Optics Communications</i> , 1998, 149, 77-83.	2.1	29
92	Exploding soliton and front solutions of the complex cubic-quintic Ginzburg-Landau equation. <i>Mathematics and Computers in Simulation</i> , 2005, 69, 526-536.	4.4	29
93	Extreme amplitude spikes in a laser model described by the complex Ginzburg-Landau equation. <i>Optics Letters</i> , 2015, 40, 2949.	3.3	28
94	Soliton propagation in optical devices with two-component fields: a comparative study. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 1100.	2.1	27
95	Analytical approximation of the soliton solutions of the quintic complex Ginzburg-Landau equation. <i>Physical Review E</i> , 1997, 56, 7288-7293.	2.1	25
96	DISSIPATIVE SOLITONS: PRESENT UNDERSTANDING, APPLICATIONS AND NEW DEVELOPMENTS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009, 19, 2621-2636.	1.7	24
97	Modulation instability, Cherenkov radiation, and Fermi-Pasta-Ulam recurrence. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 1930.	2.1	24
98	Motion and stability properties of solitons in discrete dissipative structures. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003, 314, 126-130.	2.1	23
99	Light-diffracted intensities from very deep gratings. <i>Physical Review B</i> , 1988, 38, 7250-7259.	3.2	22
100	Continuously self-focusing and continuously self-defocusing two-dimensional beams in dissipative media. <i>Physical Review A</i> , 2008, 77, .	2.5	22
101	Optical spectra beyond the amplifier bandwidth limitation in dispersion-managed mode-locked fiber lasers. <i>Optics Express</i> , 2011, 19, 2959.	3.4	22
102	Transformations of continuously self-focusing and continuously self-defocusing dissipative solitons. <i>Optics Express</i> , 2008, 16, 15388.	3.4	21
103	Dissipative shock waves in all-normal-dispersion mode-locked fiber lasers. <i>Optics Letters</i> , 2014, 39, 263.	3.3	21
104	Complementary optical rogue waves in parametric three-wave mixing. <i>Optics Express</i> , 2016, 24, 5886.	3.4	21
105	Generation of pulse trains in the normal dispersion regime of a dielectric medium with a relaxing nonlinearity. <i>Applied Physics Letters</i> , 1991, 59, 2489-2491.	3.3	20
106	From topological charge information to sets of solitons in quadratic non-linear media. <i>Optical and Quantum Electronics</i> , 1998, 30, 809-827.	3.3	20
107	Connection between blazes from gratings and enhancements from random rough surfaces. <i>Physical Review B</i> , 1989, 39, 8193-8197.	3.2	18
108	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

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109	Dissipative solitons and antisolitons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 370, 454-458.	2.1	15
110	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
111	Radiation related polarization instability of fast Kerr spatial solitons in slab waveguides. Optics Communications, 2000, 186, 335-341.	2.1	14
112	Vortex solitons of the discrete Ginzburg-Landau equation. Physical Review A, 2011, 83, .	2.5	14
113	Concurrent Passive Mode-Locked and Self- Q -Switched Operation in Laser Systems. Physical Review Letters, 2021, 126, 224101.	7.8	14
114	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
115	Stable multisoliton pulses in dispersion management with fiber Bragg gratings. Optics Letters, 2000, 25, 159.	3.3	13
116	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
117	Vibrating and shaking soliton pairs in dissipative systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 413-416.	2.1	13
118	Transient analysis of a nonlinear fiber ring resonator. Applied Physics Letters, 1993, 63, 1477-1479.	3.3	12
119	DISSIPATIVE SOLITON PULSATIONS WITH PERIODS BEYOND THE LASER CAVITY ROUND TRIP TIME. Journal of Nonlinear Optical Physics and Materials, 2005, 14, 177-194.	1.8	12
120	Stable coupled conjugate solitary waves in optical fibers. Optics Letters, 1998, 23, 265.	3.3	11
121	Temporal Multi-Soliton Complexes Generated by Passively Mode-Locked Lasers. Lecture Notes in Physics, 2005, , 207-239.	0.7	10
122	Dissipative vortex solitons in two-dimensional lattices. Physical Review A, 2010, 82, .	2.5	10
123	Enhancement of all antispecular orders from deep gratings. Optics Communications, 1989, 69, 185-188.	2.1	9
124	Novel bifurcation phenomena for solitons in nonlinear saturable couplers. Optics Communications, 1995, 116, 411-415.	2.1	9
125	Algebraic pulse-like solutions of the quintic complex Ginzburg-Landau equation. Optics Communications, 1995, 118, 587-593.	2.1	9
126	Monte Carlo calculations of speckle contrast from perfectly conductive rough surfaces. Optics Communications, 1990, 75, 215-218.	2.1	6

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127	<title>Composite solitons in optical systems with fast and slow saturable absorbers</title>. , 1999, 3666, 307.		6
128	Fiber Bragg grating dispersion-managed multisolitons. Journal of the Optical Society of America B: Optical Physics, 2001, 18, 1252.	2.1	6
129	Dissipative solitons with extreme spikes in the normal and anomalous dispersion regimes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20180023.	3.4	6
130	Ultrashort pulse self-switching in coupled-semiconductor traveling-wave amplifiers. IEEE Journal of Quantum Electronics, 1991, 27, 410-415.	1.9	5
131	Apodized chirped fibre Bragg gratings for dispersion compensation in a 10 Gbit/s IM-DD semiconductor laser system. Optics Communications, 1999, 170, 373-380.	2.1	4
132	Variational approach for walking solitons in birefringent fibres. Journal of Modern Optics, 1998, 45, 2039-2049.	1.3	3
133	Generating ultra-short high-energy pulses using dissipative soliton resonance: Pulse compression schemes. , 2011, , .		3
134	Optical Fiber Soliton Lasers. Lecture Notes in Physics, 2002, , 265-297.	0.7	2
135	Bound states and interactions of vortex solitons in the discrete Ginzburg-Landau equation. Physical Review A, 2012, 86, .	2.5	2
136	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Q</mml:mi></mml:math>-switching bifurcation dynamics of passively mode-locked lasers. Physical Review E, 2021, 104, 024221.	2.1	2
137	Nonlinear Dynamics of Temporal Optical Soliton Molecules in Lasers. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2007, 3, 357-359.	0.4	2
138	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
139	Optical Soliton Molecules in Fiber Lasers. , 2006, , .		1
140	Dissipative solitons for real world optical solitons. , 2007, , .		1
141	Dissipative solitons and their interactions. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 1130301-1130302.	0.2	1
142	Dissipative solitons for mode-locked fiber lasers. , 2010, , .		1
143	Solitons as Strange Attractors. , 2004, , 45-60.		1
144	Double peak rogue waves of the Sasa-Satsuma equation in a chaotic wave field. , 2014, , .		1

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145	Multiple Light Scattering From Perfectly Conducting Rough Surfaces. , 1987, , .		0
146	Scattering Of Light From Very Rough Perfectly Conductive Surfaces. Proceedings of SPIE, 1989, , .	0.8	0
147	Variational approach for walking solitons in birefringent fibres. Journal of Modern Optics, 1998, 45, 2039-2049.	1.3	0
148	Polarization-locked Temporal Vector Solitons In an Optical Fiber. Optics and Photonics News, 1999, 10, 42_1.	0.5	0
149	<title>Fiber gratings for dispersion compensation in a 10-Gbit/s IM-DD semiconductor laser system</title>. , 1999, , .		0
150	<title>Dispersion management with fiber Bragg gratings</title>. , 2000, 3927, 31.		0
151	Stability of multisoliton solutions in dispersion management with fiber Bragg gratings. , 2001, , .		0
152	phase-locked soliton pairs in a fiber ring laser. , 2002, , NLMA2.		0
153	Multiple Solitons in Systems Governed by the Swift-Hohenberg Equation. , 2004, , MC14.		0
154	Composite Solitons Generated by Solid State Passively Mode-Locked Laser. , 2005, , WA5.		0
155	<title>Dissipative temporal solitons in a laser cavity</title>. , 2006, 6255, 36.		0
156	Stationary and Pulsating Dissipative Optical Bullets. , 2006, , .		0
157	Regions of Existence and Transformations of (3+1)-D Dissipative Optical Solitons. , 2006, , .		0
158	Interactions and transformations of dissipative optical bullets. , 2007, , .		0
159	Vibrating temporal soliton pairs. , 2007, , .		0
160	Two-dimensional beams of dissipative antisolitons. , 2007, , .		0
161	Multiplicity of soliton transformations in the vicinity of the boundaries of their existence. Proceedings of SPIE, 2007, , .	0.8	0
162	Dissipative ring solitons with high values of vorticity. , 2009, , .		0

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163	Characteristic triangular spectra of extreme localised structures: insight from optics into rogue wave early warning. , 2011, , .		0
164	Dissipative rogue waves out of fiber lasers. , 2012, , .		0
165	Dissipative rogue waves through multi-pulse collisions in a fiber laser. , 2013, , .		0
166	Dark-and-bright rogue waves in long wave-short wave resonance. , 2014, , .		0
167	Dissipative solitons with energy and matter flows. , 2014, , .		0
168	Dissipative solitons with extreme spikes. , 2017, , .		0
169	Instability of Fast Kerr Solitons in Aigaas Waveguides at 1.55 Microns. , 2001, , 317-320.		0
170	Erupting Solitons in Fiber Lasers. , 2001, , .		0
171	Stability criterion for solitons in passively mode-locked fiber lasers. , 2002, , .		0
172	Observation of soliton explosions. , 2002, , .		0
173	Chaotic Dissipative Solitons as Strange Attractors. , 2004, , .		0
174	Self-propelled Solitons in Dissipative Systems. , 2007, , .		0
175	Solitons and Antisolitons in Dissipative Systems. , 2007, , .		0
176	Dissipative rogue wave generation from a mode-locked fiber laser experiment. , 2012, , .		0
177	POLARIZATION-LOCKED VECTOR SOLITONS IN A FIBER LASER. , 1999, , .		0
178	Extreme Pulse Dynamics in Mode-Locked Lasers. Springer Proceedings in Physics, 2018, , 171-189.	0.2	0
179	The IST spectral portraits of the first order doubly periodic solutions of the nonlinear SchrÅ¶dinger equation. Physica Scripta, 2020, 95, 115202.	2.5	0