

Jose M Soto-Crespo

List of Publications by Year in descending order

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179
papers

11,841
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2647
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#	ARTICLE	IF	CITATIONS
1	Concurrent Passive Mode-Locked and Self- $\langle \text{mml:mrow} \langle \text{mml:mi} \text{Q} \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Switched Operation in Laser Systems. Physical Review Letters, 2021, 126, 224101.	7.8	14
2	$\langle \text{mml:math} \text{Q} \rangle \langle \text{mml:math} \rangle$ -switching bifurcation dynamics of passively mode-locked lasers. Physical Review E, 2021, 104, 024221.	2.1	2
3	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
4	The IST spectral portraits of the first order doubly periodic solutions of the nonlinear Schrödinger equation. Physica Scripta, 2020, 95, 115202.	2.5	0
5	Super chirped rogue waves in optical fibers. Optics Express, 2019, 27, 11370.	3.4	31
6	Peregrine Solitons Beyond the Threefold Limit and Their Two-Soliton Interactions. Physical Review Letters, 2018, 121, 104101.	7.8	55
7	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
8	Extreme Pulse Dynamics in Mode-Locked Lasers. Springer Proceedings in Physics, 2018, , 171-189.	0.2	0
9	Versatile rogue waves in scalar, vector, and multidimensional nonlinear systems. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 463001.	2.1	170
10	Adiabatic transformation of continuous waves into trains of pulses. Physical Review A, 2017, 96, .	2.5	32
11	Dissipative solitons with extreme spikes. , 2017, , .		0
12	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
13	Roadmap on optical rogue waves and extreme events. Journal of Optics (United Kingdom), 2016, 18, 063001.	2.2	225
14	Breather turbulence versus soliton turbulence: Rogue waves, probability density functions, and spectral features. Physical Review E, 2016, 94, 022212.	2.1	52
15	Rogue-wave bullets in a composite (2+1)D nonlinear medium. Optics Express, 2016, 24, 15251.	3.4	40
16	Chirped Peregrine solitons in a class of cubic-quintic nonlinear Schrödinger equations. Physical Review E, 2016, 93, 062202.	2.1	41
17	Integrable Turbulence and Rogue Waves: Breathers or Solitons?. Physical Review Letters, 2016, 116, 103901.	7.8	181
18	Complementary optical rogue waves in parametric three-wave mixing. Optics Express, 2016, 24, 5886.	3.4	21

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19	Optical rogue waves in parametric three-wave mixing and coherent stimulated scattering. <i>Physical Review A</i> , 2015, 92, .	2.5	36
20	Extreme soliton pulsations in dissipative systems. <i>Physical Review E</i> , 2015, 92, 022926.	2.1	75
21	Watch-hand-like optical rogue waves in three-wave interactions. <i>Optics Express</i> , 2015, 23, 349.	3.4	36
22	Extreme amplitude spikes in a laser model described by the complex Ginzburg-Landau equation. <i>Optics Letters</i> , 2015, 40, 2949.	3.3	28
23	Spiny solitons and noise-like pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 1377.	2.1	45
24	Rogue wave spectra of the Sasa-Satsuma equation. <i>Physica D: Nonlinear Phenomena</i> , 2015, 294, 37-42.	2.8	42
25	Dark-and-bright rogue waves in long wave-short wave resonance. , 2014, , .		0
26	Dissipative solitons with energy and matter flows. , 2014, , .		0
27	Dissipative shock waves in all-normal-dispersion mode-locked fiber lasers. <i>Optics Letters</i> , 2014, 39, 263.	3.3	21
28	Dark three-sister rogue waves in normally dispersive optical fibers with random birefringence. <i>Optics Express</i> , 2014, 22, 27632.	3.4	52
29	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
30	Coexisting rogue waves within the (2+1)-component long-wave-short-wave resonance. <i>Physical Review E</i> , 2014, 90, 033203.	2.1	54
31	Rogue waves of the Sasa-Satsuma equation in a chaotic wave field. <i>Physical Review E</i> , 2014, 90, 032902.	2.1	45
32	Double peak rogue waves of the Sasa-Satsuma equation in a chaotic wave field. , 2014, , .		1
33	Dissipative solitons with energy and matter flows: Fundamental building blocks for the world of living organisms. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 968-974.	2.1	15
34	Dissipative rogue wave generation in multiple-pulsing mode-locked fiber laser. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 064005.	2.2	46
35	Dissipative rogue waves through multi-pulse collisions in a fiber laser. , 2013, , .		0
36	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

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37	Dissipative rogue waves out of fiber lasers. , 2012, , .		0
38	Bound states and interactions of vortex solitons in the discrete Ginzburg-Landau equation. Physical Review A, 2012, 86, .	2.5	2
39	Modulation instability, Cherenkov radiation, and Fermi's Pasta-Ulam recurrence. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1930.	2.1	24
40	Dissipative Rogue Waves Generated by Chaotic Pulse Bunching in a Mode-Locked Laser. Physical Review Letters, 2012, 108, 233901.	7.8	368
41	Dissipative rogue wave generation from a mode-locked fiber laser experiment. , 2012, , .		0
42	Dissipative rogue waves: Extreme pulses generated by passively mode-locked lasers. Physical Review E, 2011, 84, 016604.	2.1	168
43	Optical spectra beyond the amplifier bandwidth limitation in dispersion-managed mode-locked fiber lasers. Optics Express, 2011, 19, 2959.	3.4	22
44	Generating ultra-short high-energy pulses using dissipative soliton resonance: Pulse compression schemes. , 2011, , .		3
45	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
46	Universal triangular spectra in parametrically-driven systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 775-779.	2.1	45
47	Rogue wave early warning through spectral measurements?. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 541-544.	2.1	78
48	Vortex solitons of the discrete Ginzburg-Landau equation. Physical Review A, 2011, 83, .	2.5	14
49	Characteristic triangular spectra of extreme localised structures: insight from optics into rogue wave early warning. , 2011, , .		0
50	Could rogue waves be used as efficient weapons against enemy ships?. European Physical Journal: Special Topics, 2010, 185, 259-266.	2.6	32
51	Dissipative vortex solitons in two-dimensional lattices. Physical Review A, 2010, 82, .	2.5	10
52	Discrete rogue waves of the Ablowitz-Ladik and Hirota equations. Physical Review E, 2010, 82, 026602.	2.1	152
53	Rogue waves and rational solutions of the Hirota equation. Physical Review E, 2010, 81, 046602.	2.1	413
54	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

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55	Dissipative solitons for mode-locked fiber lasers. , 2010, , .		1
56	Dissipative ring solitons with high values of vorticity. , 2009, , .		0
57	Dissipative soliton resonances in the anomalous dispersion regime. Physical Review A, 2009, 79, .	2.5	155
58	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
59	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
60	Rogue waves and rational solutions of the nonlinear Schrödinger equation. Physical Review E, 2009, 80, 026601.	2.1	803
61	How to excite a rogue wave. Physical Review A, 2009, 80, .	2.5	262
62	Dissipative ring solitons with vorticity. Optics Express, 2009, 17, 4236.	3.4	46
63	Stationary and pulsating dissipative light bullets from a collective variable approach. Physical Review E, 2009, 79, 026609.	2.1	33
64	Roadmap to ultra-short record high-energy pulses out of laser oscillators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3124-3128.	2.1	189
65	Heat dissipative solitons in optical fibers. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1531-1534.	2.1	17
66	Dissipative soliton resonances. Physical Review A, 2008, 78, .	2.5	376
67	Dissipative soliton resonances in laser models with parameter management. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1972.	2.1	100
68	Transformations of continuously self-focusing and continuously self-defocusing dissipative solitons. Optics Express, 2008, 16, 15388.	3.4	21
69	Continuously self-focusing and continuously self-defocusing two-dimensional beams in dissipative media. Physical Review A, 2008, 77, .	2.5	22
70	Interactions and transformations of dissipative optical bullets. , 2007, , .		0
71	Vibrating temporal soliton pairs. , 2007, , .		0
72	Creeping solitons in dissipative systems and their bifurcations. Physical Review E, 2007, 76, 016607.	2.1	42

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73	Two-dimensional beams of dissipative antisolitons. , 2007, , .		0
74	Multiplicity of soliton transformations in the vicinity of the boundaries of their existence. Proceedings of SPIE, 2007, , .	0.8	0
75	Soliton complexes in dissipative systems: Vibrating, shaking, and mixed soliton pairs. Physical Review E, 2007, 75, 016613.	2.1	90
76	Dissipative solitons for real world optical solitons. , 2007, , .		1
77	Spatiotemporal optical solitons in nonlinear dissipative media: From stationary light bullets to pulsating complexes. Chaos, 2007, 17, 037112.	2.5	56
78	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
79	Dissipative solitons and antisolitons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 370, 454-458.	2.1	15
80	Dissipative solitons and their interactions. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 1130301-1130302.	0.2	1
81	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
82	Self-propelled Solitons in Dissipative Systems. , 2007, , .		0
83	Solitons and Antisolitons in Dissipative Systems. , 2007, , .		0
84	Optical bullets and "rockets" in nonlinear dissipative systems and their transformations and interactions. Optics Express, 2006, 14, 4013.	3.4	56
85	<title>Dissipative temporal solitons in a laser cavity</title>. , 2006, 6255, 36.		0
86	Optical bullets and double bullet complexes in dissipative systems. Physical Review E, 2006, 74, 046612.	2.1	34
87	Optical Soliton Molecules in Fiber Lasers. , 2006, , .		1
88	Stationary and Pulsating Dissipative Optical Bullets. , 2006, , .		0
89	Regions of Existence and Transformations of (3+1)-D Dissipative Optical Solitons. , 2006, , .		0
90	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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91	Dissipative soliton interactions inside a fiber laser cavity. <i>Optical Fiber Technology</i> , 2005, 11, 209-228.	2.7	85
92	Composite Solitons Generated by Solid State Passively Mode-Locked Laser. , 2005, , WA5.		0
93	DISSIPATIVE SOLITON PULSATIONS 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
94	Light bullets and dynamic pattern formation in nonlinear dissipative systems. <i>Optics Express</i> , 2005, 13, 9352.	3.4	62
95	Temporal Multi-Soliton Complexes Generated by Passively Mode-Locked Lasers. <i>Lecture Notes in Physics</i> , 2005, , 207-239.	0.7	10
96	Soliton as Strange Attractor: Nonlinear Synchronization and Chaos. <i>Physical Review Letters</i> , 2005, 95, 024101.	7.8	46
97	Multiple Solitons in Systems Governed by the Swift-Hohenberg Equation. , 2004, , MC14.		0
98	Bifurcations and multiple-period soliton pulsations in a passively mode-locked fiber laser. <i>Physical Review E</i> , 2004, 70, 066612.	2.1	207
99	Strongly asymmetric soliton explosions. <i>Physical Review E</i> , 2004, 70, 036613.	2.1	64
100	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
101	Solitons as Strange Attractors. , 2004, , 45-60.		1
102	Chaotic Dissipative Solitons as Strange Attractors. , 2004, , .		0
103	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
104	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
105	Quantized separations of phase-locked soliton pairs in fiber lasers. <i>Optics Letters</i> , 2003, 28, 1757.	3.3	128
106	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
107	Soliton pairs in a fiber laser: from anomalous to normal average dispersion regime. <i>Optics Express</i> , 2003, 11, 2238.	3.4	96
108	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

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109	Experimental Evidence for Soliton Explosions. Physical Review Letters, 2002, 88, 073903.	7.8	218
110	Phase-locked soliton pairs in a stretched-pulse fiber laser. Optics Letters, 2002, 27, 966.	3.3	247
111	Continuous-wave versus pulse regime in a passively mode-locked laser with a fast saturable absorber. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 234.	2.1	47
112	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
113	Optical Fiber Soliton Lasers. Lecture Notes in Physics, 2002, , 265-297.	0.7	2
114	phase-locked soliton pairs in a fiber ring laser. , 2002, , NLMA2.		0
115	Stability criterion for solitons in passively mode-locked fiber lasers. , 2002, , .		0
116	Observation of soliton explosions. , 2002, , .		0
117	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
118	Fiber Bragg grating dispersion-managed multisolitons. Journal of the Optical Society of America B: Optical Physics, 2001, 18, 1252.	2.1	6
119	Stability of multisoliton solutions in dispersion management with fiber Bragg gratings. , 2001, , .		0
120	Interrelation between various branches of stable solitons in dissipative systemsâ€“â€“conjecture for stability criterion. Optics Communications, 2001, 199, 283-293.	2.1	36
121	Simultaneous existence of a multiplicity of stable and unstable solitons in dissipative systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 291, 115-123.	2.1	48
122	Instability of Fast Kerr Solitons in Aigaas Waveguides at 1.55 Microns. , 2001, , 317-320.		0
123	Erupting Solitons in Fiber Lasers. , 2001, , .		0
124	<title>Dispersion management with fiber Bragg gratings</title>. , 2000, 3927, 31.		0
125	Radiation related polarization instability of fast Kerr spatial solitons in slab waveguides. Optics Communications, 2000, 186, 335-341.	2.1	14
126	Pulsating, Creeping, and Erupting Solitons in Dissipative Systems. Physical Review Letters, 2000, 85, 2937-2940.	7.8	353

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127	Polarization-locked temporal vector solitons in a fiber laser: experiment. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 354.	2.1	129
128	Polarization-locked temporal vector solitons in a fiber laser: theory. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 366.	2.1	63
129	Stable multisoliton pulses in dispersion management with fiber Bragg gratings. Optics Letters, 2000, 25, 159.	3.3	13
130	<title>Composite solitons in optical systems with fast and slow saturable absorbers</title>. , 1999, 3666, 307.		6
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	Observation of Polarization-Locked Vector Solitons in an Optical Fiber. Physical Review Letters, 1999, 82, 3988-3991.	7.8	219
133	Multisoliton regime of pulse generation by lasers passively mode locked with a slow saturable absorber. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 674.	2.1	41
134	Multipulse operation of a Ti:sapphire laser mode locked by an ion-implanted semiconductor saturable-absorber mirror. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 895.	2.1	122
135	Polarization-locked Temporal Vector Solitons In an Optical Fiber. Optics and Photonics News, 1999, 10, 42_1.	0.5	0
136	<title>Fiber gratings for dispersion compensation in a 10-Gbit/s IM-DD semiconductor laser system</title>. , 1999, , .		0
137	POLARIZATION-LOCKED VECTOR SOLITONS IN A FIBER LASER. , 1999, , .		0
138	From topological charge information to sets of solitons in quadratic non-linear media. Optical and Quantum Electronics, 1998, 30, 809-827.	3.3	20
139	Solitary-wave vortices in type II second-harmonic generation. Optics Communications, 1998, 149, 77-83.	2.1	29
140	Variational approach for walking solitons in birefringent fibres. Journal of Modern Optics, 1998, 45, 2039-2049.	1.3	3
141	Stable coupled conjugate solitary waves in optical fibers. Optics Letters, 1998, 23, 265.	3.3	11
142	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
143	Stable soliton pairs in optical transmission lines and fiber lasers. Journal of the Optical Society of America B: Optical Physics, 1998, 15, 515.	2.1	174
144	Solitary-wave vortices in quadratic nonlinear media. Journal of the Optical Society of America B: Optical Physics, 1998, 15, 625.	2.1	51

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145	Variational approach for walking solitons in birefringent fibres. <i>Journal of Modern Optics</i> , 1998, 45, 2039-2049.	1.3	0
146	Multisoliton Solutions of the Complex Ginzburg-Landau Equation. <i>Physical Review Letters</i> , 1997, 79, 4047-4051.	7.8	371
147	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
148	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
149	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
150	Three forms of localized solutions of the quintic complex Ginzburg-Landau equation. <i>Physical Review E</i> , 1996, 53, 1931-1939.	2.1	115
151	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
152	Novel bifurcation phenomena for solitons in nonlinear saturable couplers. <i>Optics Communications</i> , 1995, 116, 411-415.	2.1	9
153	Algebraic pulse-like solutions of the quintic complex Ginzburg-Landau equation. <i>Optics Communications</i> , 1995, 118, 587-593.	2.1	9
154	Stationary solitonlike pulses in birefringent optical fibers. <i>Physical Review E</i> , 1995, 51, 3547-3555.	2.1	34
155	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
156	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
157	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
158	Dynamics of solitonlike pulse propagation in birefringent optical fibers. <i>Physical Review E</i> , 1994, 49, 5742-5754.	2.1	83
159	Elliptically polarised solitons in birefringent optical fibers. <i>Optics Communications</i> , 1994, 112, 278-282.	2.1	57
160	Propagation dynamics of ultrashort pulses in nonlinear fiber couplers. <i>Physical Review E</i> , 1994, 49, 4519-4529.	2.1	49
161	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
162	Does the nonlinear Schrödinger equation correctly describe beam propagation?. <i>Optics Letters</i> , 1993, 18, 411.	3.3	107

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163	Transient analysis of a nonlinear fiber ring resonator. Applied Physics Letters, 1993, 63, 1477-1479.	3.3	12
164	Stability of the soliton states in a nonlinear fiber coupler. Physical Review E, 1993, 48, 4710-4715.	2.1	83
165	Generation of a train of three-dimensional optical solitons in a self-focusing medium. Physical Review A, 1993, 47, 1358-1364.	2.5	92
166	Recurrence and azimuthal-symmetry breaking of a cylindrical Gaussian beam in a saturable self-focusing medium. Physical Review A, 1992, 45, 3168-3175.	2.5	51
167	Ultrashort pulse self-switching in coupled-semiconductor traveling-wave amplifiers. IEEE Journal of Quantum Electronics, 1991, 27, 410-415.	1.9	5
168	All-optical switching of solitons in two- and three-core nonlinear fiber couplers. Journal of Applied Physics, 1991, 70, 7240-7243.	2.5	91
169	Stability of the higher-bound states in a saturable self-focusing medium. Physical Review A, 1991, 44, 636-644.	2.5	127
170	Generation of pulse trains in the normal dispersion regime of a dielectric medium with a relaxing nonlinearity. Applied Physics Letters, 1991, 59, 2489-2491.	3.3	20
171	Monte Carlo calculations of speckle contrast from perfectly conductive rough surfaces. Optics Communications, 1990, 75, 215-218.	2.1	6
172	Scattering from slightly rough random surfaces: a detailed study on the validity of the small perturbation method. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1990, 7, 1185.	1.5	80
173	Connection between blazes from gratings and enhancements from random rough surfaces. Physical Review B, 1989, 39, 8193-8197.	3.2	18
174	Enhancement of all antispecular orders from deep gratings. Optics Communications, 1989, 69, 185-188.	2.1	9
175	Electromagnetic scattering from very rough random surfaces and deep reflection gratings. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1989, 6, 367.	1.5	153
176	Scattering Of Light From Very Rough Perfectly Conductive Surfaces. Proceedings of SPIE, 1989, , .	0.8	0
177	Light-diffracted intensities from very deep gratings. Physical Review B, 1988, 38, 7250-7259.	3.2	22
178	Multiple Light Scattering From Perfectly Conducting Rough Surfaces. , 1987, , .		0
179	Monte Carlo simulations for scattering of electromagnetic waves from perfectly conductive random rough surfaces. Optics Letters, 1987, 12, 979.	3.3	180