

Marcel Clerc

List of Publications by Year in descending order

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170
papers

3,143
citations

136950

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171
docs citations

171
times ranked

1507
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing Optical Vortex Lattices in Nematic Liquid Crystals. <i>Physical Review Letters</i> , 2013, 111, 093902.	7.8	103
2	Localized structures in dissipative media: from optics to plant ecology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140101.	3.4	96
3	Patterns and localized structures in population dynamics. <i>Physical Review E</i> , 2005, 72, 056217.	2.1	89
4	Liquid-like solid-like transition in quasi-one-dimensional driven granular media. <i>Nature Physics</i> , 2008, 4, 249-254.	16.7	84
5	Vortex Induction via Anisotropy Stabilized Light-Matter Interaction. <i>Physical Review Letters</i> , 2012, 109, 143901.	7.8	84
6	van der Waals-Like Transition in Fluidized Granular Matter. <i>Physical Review Letters</i> , 2002, 89, 044301.	7.8	81
7	Optical vortex induction via light-matter interaction in liquid-crystal media. <i>Advances in Optics and Photonics</i> , 2015, 7, 635.	25.5	72
8	Spatiotemporal Chaos Induces Extreme Events in an Extended Microcavity Laser. <i>Physical Review Letters</i> , 2016, 116, 013901.	7.8	71
9	Bouncing localized structures in a liquid-crystal light-valve experiment. <i>Physical Review E</i> , 2005, 71, 015205.	2.1	64
10	Localized patterns and hole solutions in one-dimensional extended systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 356, 48-53.	2.6	58
11	Berry Phase of Light under Bragg Reflection by Chiral Liquid-Crystal Media. <i>Physical Review Letters</i> , 2016, 117, 053903.	7.8	58
12	Additive Noise Induces Front Propagation. <i>Physical Review Letters</i> , 2005, 94, 148302.	7.8	55
13	Analytical studies of fronts, colonies, and patterns: Combination of the Allee effect and nonlocal competition interactions. <i>Physical Review E</i> , 2010, 82, 036210.	2.1	52
14	Chimera-type states induced by local coupling. <i>Physical Review E</i> , 2016, 93, 052204.	2.1	52
15	Strong interaction between plants induces circular barren patches: fairy circles. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140009.	3.4	51
16	Photonic Computing With Single and Coupled Spiking Micropillar Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2020, 26, 1-7.	2.9	47
17	Localized states beyond the asymptotic parametrically driven amplitude equation. <i>Physical Review E</i> , 2008, 77, 056209.	2.1	46
18	Self-Replication of Localized Vegetation Patches in Scarce Environments. <i>Scientific Reports</i> , 2016, 6, 33703.	3.3	46

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19	Localized vegetation patterns, fairy circles, and localized patches in arid landscapes. <i>Physical Review E</i> , 2015, 91, 022924.	2.1	45
20	Driven Front Propagation in 1D Spatially Periodic Media. <i>Physical Review Letters</i> , 2009, 103, 128003.	7.8	44
21	Strong Nonlocal Coupling Stabilizes Localized Structures: An Analysis Based on Front Dynamics. <i>Physical Review Letters</i> , 2013, 110, 174101.	7.8	42
22	Weak signal enhancement by nonlinear resonance control in a forced nano-electromechanical resonator. <i>Nature Communications</i> , 2020, 11, 2400.	12.8	42
23	Localized States in Bistable Pattern-Forming Systems. <i>Physical Review Letters</i> , 2006, 96, 214501.	7.8	39
24	Extreme events following bifurcation to spatiotemporal chaos in a spatially extended microcavity laser. <i>Physical Review A</i> , 2017, 95, .	2.5	39
25	Localized states and non-variational Ising-Bloch transition of a parametrically driven easy-plane ferromagnetic wire. <i>Physica D: Nonlinear Phenomena</i> , 2010, 239, 72-86.	2.8	38
26	Spatiotemporal Chaotic Localized State in Liquid Crystal Light Valve Experiments with Optical Feedback. <i>Physical Review Letters</i> , 2013, 110, 104101.	7.8	38
27	Continuous description of lattice discreteness effects in front propagation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 412-424.	3.4	36
28	Quasiperiodicity route to spatiotemporal chaos in one-dimensional pattern-forming systems. <i>Physical Review E</i> , 2013, 88, 052916.	2.1	34
29	First-order Fréedericksz transition in the presence of light-driven feedback in nematic liquid crystals. <i>Physical Review E</i> , 2001, 63, 060701.	2.1	33
30	NONVARIATIONAL ISING-BLOCH TRANSITION IN PARAMETRICALLY DRIVEN SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009, 19, 2717-2726.	1.7	33
31	Front dynamics and pinning-depinning phenomenon in spatially periodic media. <i>Physical Review E</i> , 2010, 81, 056203.	2.1	33
32	Chimera-like states in an array of coupled-waveguide resonators. <i>Optics Letters</i> , 2017, 42, 2906.	3.3	33
33	Characterization of spatiotemporal chaos in a Kerr optical frequency comb and in all fiber cavities. <i>Optics Letters</i> , 2017, 42, 1063.	3.3	31
34	Chimera states in a Duffing oscillators chain coupled to nearest neighbors. <i>Chaos</i> , 2018, 28, 083126.	2.5	31
35	Front propagation sustained by additive noise. <i>Physical Review E</i> , 2006, 74, 011303.	2.1	30
36	Soliton pair interaction law in parametrically driven Newtonian fluid. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 3213-3226.	3.4	30

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37	Local theory of the slanted homoclinic snaking bifurcation diagram. <i>Physical Review E</i> , 2008, 78, 036214.	2.1	29
38	PARAMETRICALLY DRIVEN INSTABILITY IN QUASI-REVERSAL SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009, 19, 3525-3532.	1.7	29
39	Homoclinic Snaking of Localized Patterns in a Spatially Forced System. <i>Physical Review Letters</i> , 2011, 107, 264101.	7.8	29
40	Influence of stimulated Raman scattering on Kerr domain walls and localized structures. <i>Physical Review A</i> , 2021, 103, .	2.5	29
41	First-order Fréedericksz transition and front propagation in a liquid crystal light valve with feedback. <i>European Physical Journal D</i> , 2004, 28, 435-445.	1.3	28
42	Experimental observation of front propagation in a negatively diffractive inhomogeneous Kerr cavity. <i>Physical Review A</i> , 2014, 90, .	2.5	28
43	Pattern Formation and Localized Structures in Reaction-Diffusion Systems with Non-Fickian Transport. <i>Physical Review Letters</i> , 2006, 97, 176102.	7.8	27
44	van der Waals normal form for a one-dimensional hydrodynamic model. <i>Physical Review E</i> , 2004, 70, 031302.	2.1	26
45	Spatiotemporal chaos and two-dimensional dissipative rogue waves in Lugiato-Lefever model. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	25
46	Phase Stochastic Resonance in a Forced Nanoelectromechanical Membrane. <i>Physical Review Letters</i> , 2017, 119, 234101.	7.8	24
47	Observation and modelling of vegetation spirals and arcs in isotropic environmental conditions: dissipative structures in arid landscapes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20180026.	3.4	24
48	Coarsening dynamics of the one-dimensional Cahn-Hilliard model. <i>Physical Review E</i> , 2005, 71, 046210.	2.1	23
49	Solitary localized structures in a liquid crystal light-valve experiment. <i>New Journal of Physics</i> , 2009, 11, 093037.	2.9	23
50	Localized waves in a parametrically driven magnetic nanowire. <i>Europhysics Letters</i> , 2012, 97, 30006.	2.0	22
51	Interaction law of 2D localized precession states. <i>Europhysics Letters</i> , 2010, 90, 38005.	2.0	21
52	Chaoticon: localized pattern with permanent dynamics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140011.	3.4	21
53	Extreme events induced by spatiotemporal chaos in experimental optical patterns. <i>Optics Letters</i> , 2016, 41, 2711.	3.3	21
54	Dissipative structures in matter out of equilibrium: from chemistry, photonics and biology, the legacy of Ilya Prigogine (part 1). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20180114.	3.4	21

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55	Universal shape law of stochastic supercritical bifurcations: Theory and experiments. <i>Physical Review E</i> , 2008, 77, 026218.	2.1	20
56	Bifurcations of emerging patterns in the presence of additive noise. <i>Physical Review E</i> , 2013, 87, 042919.	2.1	20
57	Breather soliton solutions in a parametrically driven magnetic wire. <i>Europhysics Letters</i> , 2013, 104, 40001.	2.0	20
58	Symmetry breaking of nematic umbilical defects through an amplitude equation. <i>Physical Review E</i> , 2014, 90, 012507.	2.1	20
59	Localized structures and spatiotemporal chaos: comparison between the driven damped sine-Gordon and the Lugiato-Lefever model. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	20
60	Time-delayed nonlocal response inducing traveling temporal localized structures. <i>Physical Review Research</i> , 2020, 2, .	3.6	19
61	Subharmonic wave transition in a quasi-one-dimensional noisy fluidized shallow granular bed. <i>Physical Review E</i> , 2010, 81, 046208.	2.1	17
62	Spatially modulated kinks in shallow granular layers. <i>Physical Review E</i> , 2013, 88, 020201.	2.1	17
63	Two-soliton precession state in a parametrically driven magnetic wire. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	16
64	Light-matter interaction induces a single positive vortex with swirling arms. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140019.	3.4	16
65	Dissipative structures induced by spin-transfer torques in nanopillars. <i>Physical Review E</i> , 2014, 89, 022908.	2.1	16
66	A new perspective on stochastic resonance in monostable systems. <i>New Journal of Physics</i> , 2010, 12, 113027.	2.9	15
67	Vortex Emission Accompanies the Advection of Optical Localized Structures. <i>Physical Review Letters</i> , 2011, 106, 063901.	7.8	15
68	Coalescence cascade of dissipative solitons in parametrically driven systems. <i>Physical Review E</i> , 2011, 84, 036205.	2.1	15
69	Drifting cavity solitons and dissipative rogue waves induced by time-delayed feedback in Kerr optical frequency comb and in all fiber cavities. <i>Chaos</i> , 2017, 27, 114312.	2.5	15
70	Dissipative Localized States with Shieldlike Phase Structure. <i>Physical Review Letters</i> , 2011, 107, 254102.	7.8	14
71	Topological transitions in an oscillatory driven liquid crystal cell. <i>Scientific Reports</i> , 2020, 10, 19324.	3.3	14
72	Slanted snaking of localized Faraday waves. <i>Physical Review Fluids</i> , 2017, 2, .	2.5	14

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73	Alternating spin-polarized current induces parametric resonance in spin valves. Physical Review B, 2015, 91, .	3.2	13
74	Traveling pulse on a periodic background in parametrically driven systems. Physical Review E, 2015, 91, 050901.	2.1	13
75	Extended patchy ecosystems may increase their total biomass through self-replication. Ecological Indicators, 2018, 94, 534-543.	6.3	13
76	Nonlocal Raman response in Kerr resonators: Moving temporal localized structures and bifurcation structure. Chaos, 2020, 30, 083111.	2.5	13
77	Two-dimensional optical chimera states in an array of coupled waveguide resonators. Chaos, 2020, 30, 043107.	2.5	13
78	Nonvariational mechanism of front propagation: Theory and experiments. Physical Review E, 2017, 95, 010202.	2.1	12
79	Spontaneous motion of localized structures induced by parity symmetry breaking transition. Chaos, 2018, 28, 053119.	2.5	12
80	Nonlinear Localization of Dissipative Modulation Instability. Physical Review Letters, 2021, 127, 123901.	7.8	12
81	Labyrinthine patterns transitions. Physical Review Research, 2020, 2, .	3.6	12
82	Flaming $2\sqrt{\epsilon} \sin \theta$ in parametrically driven systems. Physical Review E, 2016, 94, 052217.	2.1	12
83	Moving spiral wave chimeras. Physical Review E, 2021, 104, L022203.	2.1	11
84	Inhomogeneous Fréedericksz transition in nematic liquid crystals. Physical Review E, 2001, 65, 011708.	2.1	10
85	Dissipation-induced instabilities in an optical cavity laser: A mechanical analog near the 1:1 resonance. Physical Review E, 2001, 64, 067603.	2.1	10
86	Effective-parametric resonance in a non-oscillating system. Europhysics Letters, 2012, 98, 30006.	2.0	10
87	Characterization of the vortex-pair interaction law and nonlinear mobility effects. New Journal of Physics, 2013, 15, 013028.	2.9	10
88	Localized plateau beam resulting from strong nonlocal coupling in a cavity filled by metamaterials and liquid-crystal cells. Physical Review A, 2015, 92, .	2.5	10
89	Spin-transfer-driven nano-oscillators are equivalent to parametric resonators. Physical Review B, 2015, 91, .	3.2	10
90	Spontaneous light-induced Turing patterns in a dye-doped twisted nematic layer. Scientific Reports, 2018, 8, 12867.	3.3	10

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91	Chaotic patterns and localized states in spin valves. Journal of Magnetism and Magnetic Materials, 2019, 476, 589-596.	2.3	10
92	Transversal interface dynamics of a front connecting a stripe pattern to a uniform state. Europhysics Letters, 2008, 83, 28002.	2.0	9
93	Origin of the Pinning of Drifting Monostable Patterns. Physical Review Letters, 2012, 109, 104101.	7.8	9
94	Photo-isomerization fronts in dye-doped nematic liquid crystals. Optics Letters, 2014, 39, 1861.	3.3	9
95	Optical textures: characterizing spatiotemporal chaos. Optics Express, 2016, 24, 15478.	3.4	9
96	Dissipative structures in matter out of equilibrium: from chemistry, photonics and biology, the legacy of Ilya Prigogine (part 2). Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20180276.	3.4	9
97	Gapped vegetation patterns: Crown/root allometry and snaking bifurcation. Chaos, Solitons and Fractals, 2020, 133, 109617.	5.1	9
98	Phase shielding soliton in parametrically driven systems. Physical Review E, 2013, 87, 052915.	2.1	8
99	Rodlike localized structure in isotropic pattern-forming systems. Physical Review E, 2015, 92, 042915.	2.1	8
100	Theory of light-matter interaction in nematic liquid crystals and the second Painlevé equation. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	8
101	$\langle i \rangle$ -kink propagation in the damped Frenkel-Kontorova model. Europhysics Letters, 2017, 119, 40003.	2.0	8
102	Noise induced rolls propagation. European Physical Journal: Special Topics, 2007, 143, 171-179.	2.6	7
103	Pattern formation and localized structures in monoatomic layer deposition. European Physical Journal: Special Topics, 2007, 146, 407-425.	2.6	7
104	Localized States in Bi-Pattern Systems. Advances in Nonlinear Optics, 2009, 2009, 1-9.	0.6	7
105	Control and managing of localized states in two-dimensional systems with periodic forcing. European Physical Journal D, 2010, 59, 43-51.	1.3	7
106	Effects of translational coupling on dissipative localized states. Physical Review E, 2012, 86, 036201.	2.1	7
107	Symmetry-induced pinning-depinning transition of a subharmonic wave pattern. Physical Review E, 2012, 85, 035201.	2.1	7
108	Pinning-depinning transition of fronts between standing waves. Physical Review E, 2013, 87, 012901.	2.1	7

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109	Light-matter interaction induces a shadow vortex. <i>Physical Review E</i> , 2016, 93, 050201.	2.1	7
110	Front propagation into an unstable state in a forced medium: Experiments and theory. <i>Physical Review E</i> , 2018, 98, .	2.1	7
111	Extended stable equilibrium invaded by an unstable state. <i>Scientific Reports</i> , 2019, 9, 15096.	3.3	7
112	Patchy landscapes in arid environments: Nonlinear analysis of the interaction-redistribution model. <i>Chaos</i> , 2020, 30, 093136.	2.5	7
113	Localized dissipative vortices in chiral nematic liquid crystal cells. <i>Physical Review Research</i> , 2022, 4, .	3.6	7
114	Zig-zag wall lattice in a nematic liquid crystal with an in-plane switching configuration. <i>Physical Review E</i> , 2014, 90, 022504.	2.1	6
115	Optical wall dynamics induced by coexistence of monostable and bistable spatial regions. <i>Physical Review E</i> , 2016, 94, 052220.	2.1	6
116	Dissipative structures induced by photoisomerization in a dye-doped nematic liquid crystal layer. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170382.	3.4	6
117	Alternation of Defects and Phase Turbulence Induces Extreme Events in an Extended Microcavity Laser. <i>Entropy</i> , 2018, 20, 789.	2.2	6
118	Dissipative magnetic breathers induced by time-modulated voltages. <i>Physical Review E</i> , 2018, 98, .	2.1	6
119	On the repulsive interaction between localised vegetation patches in scarce environments. <i>Scientific Reports</i> , 2020, 10, 5740.	3.3	6
120	Magnetic field-induced vortex triplet and vortex lattice in a liquid crystal cell. <i>Physical Review Research</i> , 2020, 2, .	3.6	6
121	On the origin of the optical vortex lattices in a nematic liquid crystal light valve. <i>Optics Letters</i> , 2019, 44, 2947.	3.3	6
122	Front depinning by deterministic and stochastic fluctuations: A comparison. <i>Physical Review E</i> , 2019, 99, 062226.	2.1	5
123	Umbilical defect dynamics in an inhomogeneous nematic liquid crystal layer. <i>Physical Review E</i> , 2020, 101, 062704.	2.1	5
124	Localised labyrinthine patterns in ecosystems. <i>Scientific Reports</i> , 2021, 11, 18331.	3.3	5
125	Front propagation transition induced by diffraction in a liquid crystal light valve. <i>Optics Express</i> , 2019, 27, 12391.	3.4	5
126	SHILNIKOV BIFURCATION: STATIONARY QUASI-REVERSAL BIFURCATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2008, 18, 1905-1915.	1.7	4

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127	Emergence of spatiotemporal dislocation chains in drifting patterns. <i>Chaos</i> , 2014, 24, 023133.	2.5	4
128	Traveling wave into an unstable state in dissipative oscillator chains. <i>Nonlinear Dynamics</i> , 2019, 98, 1391-1402.	5.2	4
129	Colorimetry characterization of molecular reorientation transition in thin nematic cells. <i>Chaos</i> , 2020, 30, 073102.	2.5	4
130	Pulse propagation in a 1D array of excitable semiconductor lasers. <i>Chaos</i> , 2020, 30, 083136.	2.5	4
131	Front propagation steered by a high-wavenumber modulation: Theory and experiments. <i>Chaos</i> , 2020, 30, 053138.	2.5	4
132	Vortices nucleation by inherent fluctuations in nematic liquid crystal cells. <i>Nonlinear Dynamics</i> , 2022, 108, 3209-3218.	5.2	4
133	Detailed balance in non-equilibrium systems. <i>Dynamical Systems</i> , 1997, 12, 61-70.	0.7	3
134	DYNAMICS OF AN INTERFACE CONNECTING A STRIPE PATTERN AND A UNIFORM STATE: AMENDED NEWELLâ€™S WHITEHEADâ€™S SEGEL EQUATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009, 19, 2801-2812.	1.7	3
135	Asymmetric counterpropagating fronts without flow. <i>Physical Review E</i> , 2015, 91, 060501.	2.1	3
136	Internal noise and system size effects induce nondiffusive kink dynamics. <i>Physical Review E</i> , 2015, 91, 032922.	2.1	3
137	Alternating superlattice textures in driven nanomagnets. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 44, 404-413.	3.3	3
138	Oscillating decorated interfaces in parametrically driven systems. <i>Physical Review E</i> , 2018, 97, 012207.	2.1	3
139	Noise-induced kink propagation in shallow granular layers. <i>Chaos, Solitons and Fractals</i> , 2020, 134, 109677.	5.1	3
140	Transition to Spatiotemporal Intermittency and Defect Turbulence in Systems under Translational Coupling. <i>Physical Review Letters</i> , 2020, 124, 164101.	7.8	3
141	A quasi-periodic route to chaos in a parametrically driven nonlinear medium. <i>Chaos, Solitons and Fractals</i> , 2021, 151, 111089.	5.1	3
142	Localized standing waves induced by spatiotemporal forcing. <i>Physical Review E</i> , 2021, 104, 044209.	2.1	3
143	Comment on "Asymptotics of Large Bound States of Localized Structures". <i>Physical Review Letters</i> , 2008, 100, 049401; author reply 049402.	7.8	2
144	Recurrent noise-induced phase singularities in drifting patterns. <i>Physical Review E</i> , 2015, 92, 050902.	2.1	2

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145	Symmetry Breaking and Restoration in the Ginzburg-Landau Model of Nematic Liquid Crystals. Journal of Nonlinear Science, 2018, 28, 1079-1107.	2.1	2
146	Introduction to Focus Issue: Instabilities and nonequilibrium structures. Chaos, 2020, 30, 110401.	2.5	2
147	Nonreciprocal Coupling Induced Self-Assembled Localized Structures. Physical Review Letters, 2021, 126, 194102.	7.8	2
148	Light-Induced Ring Pattern in a Dye-Doped Nematic Liquid Crystal. Applied Sciences (Switzerland), 2021, 11, 5285.	2.5	2
149	Propagative phase shielding solitons in inhomogeneous media. Physica D: Nonlinear Phenomena, 2014, 269, 86-93.	2.8	1
150	Coarsening Dynamics of Umbilical Defects in Inhomogeneous Medium. Springer Proceedings in Physics, 2016, , 31-43.	0.2	1
151	Gradient theory of domain walls in thin, nematic liquid crystals films. Communications in Contemporary Mathematics, 2020, 22, 1950063.	1.2	1
152	Transition from nonradiative to radiative oscillons in parametrically driven systems. Physical Review E, 2020, 101, 052209.	2.1	1
153	Chaotic motion of localized structures. Physical Review E, 2020, 101, 042212.	2.1	1
154	Finger front propagation in smectic- A transition. Physical Review E, 2022, 105, .	2.1	1
155	Noise-induced traveling Nozaki-Bekki holes and vortices in experimental drifting patterns. , 2014, , .		0
156	Transverse phase shielding solitons in the degenerated optical parametric oscillator. Optics Communications, 2015, 354, 163-167.	2.1	0
157	Finger Dynamics in Pattern Forming Systems. Springer Proceedings in Physics, 2016, , 275-291.	0.2	0
158	Experimental Spatiotemporal Chaotic Textures in a Liquid Crystal Light Valve with Optical Feedback. Springer Proceedings in Physics, 2016, , 113-124.	0.2	0
159	Experimental Observation of Chimera-Like States in a Passive Kerr Resonator. , 2019, , .		0
160	Raman Response Induces Moving Cavity Solitons in Optical Resonators. , 2019, , .		0
161	Spatiotemporal Complexity Mediated by Higher-Order Peregrine-Like Extreme Events. Frontiers in Physics, 2021, 9, .	2.1	0
162	Light beam induced finger instability in a photosensitive liquid crystal cell. Physical Review Research, 2021, 3, .	3.6	0

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163	Cholestric bubbles as localized vortices: theory and experiments. , 2021, , .		0
164	Front Dynamics in a Liquid Crystal Light Valve with Feedback. Nonlinear Phenomena and Complex Systems, 2004, , 115-126.	0.0	0
165	Advection of Optical Localized Structures. Springer Proceedings in Complexity, 2013, , 67-72.	0.3	0
166	Photo-isomerization induces pattern instability, labyrinth and foam textures. , 2014, , .		0
167	Experimental Observation of Front Propagation in Lugiato-Lefever Equation in a Negative Diffractive Regime and Inhomogeneous Kerr Cavity. Springer Proceedings in Physics, 2016, , 71-85.	0.2	0
168	Harnessing diffraction grating in an in-plane switching cell submitted to zigzag lattice. Applied Optics, 2016, 55, 7803.	2.1	0
169	Chaos on a saturable optical dimer. Chaos, Solitons and Fractals, 2021, 153, 111488.	5.1	0
170	Localized states with nontrivial symmetries: Localized labyrinthine patterns. Physical Review E, 2022, 105, L012202.	2.1	0