

Julien Javaloyes

List of Publications by Year in descending order

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187
papers

2,428
citations

172457

29
h-index

233421

45
g-index

195
all docs

195
docs citations

195
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	How Lasing Localized Structures Evolve out of Passive Mode Locking. <i>Physical Review Letters</i> , 2014, 112, 223901.	7.8	129
2	Topological solitons as addressable phase bits in a driven laser. <i>Nature Communications</i> , 2015, 6, 5915.	12.8	113
3	Regenerative memory in time-delayed neuromorphic photonic resonators. <i>Scientific Reports</i> , 2016, 6, 19510.	3.3	100
4	Excitability and optical pulse generation in semiconductor lasers driven by resonant tunneling diode photo-detectors. <i>Optics Express</i> , 2013, 21, 20931.	3.4	81
5	Controlled inhibition of spiking dynamics in VCSELs for neuromorphic photonics: theory and experiments. <i>Optics Letters</i> , 2017, 42, 1560.	3.3	80
6	Controllable spiking patterns in long-wavelength vertical cavity surface emitting lasers for neuromorphic photonics systems. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	78
7	Vectorial dissipative solitons in vertical-cavity surface-emitting lasers with delays. <i>Nature Photonics</i> , 2015, 9, 450-455.	31.4	71
8	Collective atomic recoil laser as a synchronization transition. <i>Physical Review E</i> , 2008, 78, 011108.	2.1	70
9	Mode-Locking in Semiconductor Fabry-Pérot Lasers. <i>IEEE Journal of Quantum Electronics</i> , 2010, 46, 1023-1030.	1.9	70
10	Subpicosecond Pulse Generation at Quasi-40-GHz Using a Passively Mode-Locked AlGaInAs/InP 1.55- μm Strained Quantum-Well Laser. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1731-1733.	2.5	66
11	Cavity-solitons switching in semiconductor microcavities. <i>Physical Review A</i> , 2005, 72, .	2.5	65
12	Dynamics of multimode semiconductor lasers. <i>Physical Review A</i> , 2004, 69, .	2.5	62
13	Emission Directionality of Semiconductor Ring Lasers: A Traveling-Wave Description. <i>IEEE Journal of Quantum Electronics</i> , 2009, 45, 431-438.	1.9	58
14	Cavity Light Bullets in Passively Mode-Locked Semiconductor Lasers. <i>Physical Review Letters</i> , 2016, 116, 043901.	7.8	49
15	Dynamical properties of lasers coupled face to face. <i>Physical Review E</i> , 2003, 67, 036201.	2.1	44
16	Spontaneous symmetry breaking and trapping of temporal Kerr cavity solitons by pulsed or amplitude-modulated driving fields. <i>Physical Review A</i> , 2018, 97, .	2.5	44
17	Introduction to Focus Issue: Time-delay dynamics. <i>Chaos</i> , 2017, 27, 114201.	2.5	42
18	Third Order Dispersion in Time-Delayed Systems. <i>Physical Review Letters</i> , 2019, 123, 043902.	7.8	42

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19	Delayed Feedback Dynamics of LiÃ©nard-Type Resonant Tunneling-Photo-Detector Optoelectronic Oscillators. IEEE Journal of Quantum Electronics, 2013, 49, 31-42.	1.9	37
20	Electrical addressing and temporal tweezing of localized pulses in passively-mode-locked semiconductor lasers. Physical Review A, 2016, 94, .	2.5	37
21	Anticolliding design for monolithic passively mode-locked semiconductor lasers. Optics Letters, 2011, 36, 4407.	3.3	35
22	Spectral Dynamical Behavior in Passively Mode-Locked Semiconductor Lasers. IEEE Photonics Journal, 2011, 3, 1067-1082.	2.0	35
23	Impact of high-order effects on soliton explosions in the complex cubic-quintic Ginzburg-Landau equation. Physical Review A, 2019, 99, .	2.5	35
24	Multimode dynamics in bidirectional laser cavities by folding space into time delay. Optics Express, 2012, 20, 8496.	3.4	33
25	Quasiequilibrium time-domain susceptibility of semiconductor quantum wells. Physical Review A, 2010, 81, .	2.5	32
26	Longitudinal mode multistability in Ring and Fabry-PÃ©rot lasers: the effect of spatial hole burning. Optics Express, 2011, 19, 3284.	3.4	31
27	Dynamics of Localized Structures in Systems with Broken Parity Symmetry. Physical Review Letters, 2016, 116, 133901.	7.8	31
28	Refractory period of an excitable semiconductor laser with optical injection. Physical Review E, 2017, 95, 012214.	2.1	31
29	Passive Mode-Locking and Tilted Waves in Broad-Area Vertical-Cavity Surface-Emitting Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 85-93.	2.9	30
30	Broadband Chaotic Signals and Breather Oscillations in an Optoelectronic Oscillator Incorporating a Microwave Photonic Filter. Journal of Lightwave Technology, 2014, 32, 3933-3942.	4.6	28
31	Arrest of Domain Coarsening via Antiperiodic Regimes in Delay Systems. Physical Review Letters, 2015, 115, 203901.	7.8	28
32	Spatial instabilities of light bullets in passively-mode-locked lasers. Physical Review A, 2017, 96, .	2.5	27
33	Delay dynamics of neuromorphic optoelectronic nanoscale resonators: Perspectives and applications. Chaos, 2017, 27, 114323.	2.5	27
34	Passive Mode Locking of Lasers by Crossed-Polarization Gain Modulation. Physical Review Letters, 2006, 97, 163902.	7.8	26
35	Square-wave switching by crossed-polarization gain modulation in vertical-cavity semiconductor lasers. Physical Review A, 2007, 76, .	2.5	26
36	NanoLEDs for energy-efficient and gigahertz-speed spike-based sub-Î» neuromorphic nanophotonic computing. Nanophotonics, 2020, 9, 4149-4162.	6.0	23

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37	Dynamics of temporally localized states in passively mode-locked semiconductor lasers. <i>Physical Review A</i> , 2018, 97, .	2.5	22
38	Dispersive Instabilities in Passively Mode-Locked Integrated External-Cavity Surface-Emitting Lasers. <i>Physical Review Applied</i> , 2020, 13, .	3.8	22
39	How carrier memory enters the Haus master equation of mode-locking. <i>Optics Letters</i> , 2020, 45, 6210.	3.3	22
40	Mesoscopic Limit Cycles in Coupled Nanolasers. <i>Physical Review Letters</i> , 2020, 124, 213602.	7.8	21
41	Robust square-wave polarization switching in vertical-cavity surface-emitting lasers. <i>Physical Review A</i> , 2013, 87, .	2.5	20
42	High-Speed Spiking and Bursting Oscillations in a Long-Delayed Broadband Optoelectronic Oscillator. <i>Journal of Lightwave Technology</i> , 2015, 33, 503-510.	4.6	20
43	Asymmetric mode scattering in strongly coupled photonic crystal nanolasers. <i>Optics Letters</i> , 2016, 41, 5628.	3.3	20
44	Bichromatic emission and multimode dynamics in bidirectional ring lasers. <i>Physical Review A</i> , 2010, 81, .	2.5	19
45	Functional mapping for passively mode-locked semiconductor lasers. <i>Optics Letters</i> , 2018, 43, 2535.	3.3	18
46	Self-generated cooperative light emission induced by atomic recoil. <i>Physical Review A</i> , 2004, 70, .	2.5	17
47	Control and Generation of Localized Pulses in Passively Mode-Locked Semiconductor Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 30-39.	2.9	17
48	Tunable Kerr frequency combs and temporal localized states in time-delayed Giresâ€™Tournois interferometers. <i>Optics Letters</i> , 2019, 44, 4925.	3.3	17
49	Bursting and Excitability in Neuromorphic Resonant Tunneling Diodes. <i>Physical Review Applied</i> , 2021, 15, .	3.8	16
50	All-Optical Directional Switching of Bistable Semiconductor Ring Lasers. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 1078-1085.	1.9	15
51	Detuning and Thermal Effects on the Dynamics of Passively Mode-Locked Quantum-Well Lasers. <i>IEEE Journal of Quantum Electronics</i> , 2012, 48, 1519-1526.	1.9	15
52	Subpicosecond Colliding Pulse Mode Locking at 126 GHz in Monolithic GaAs/AlGaAs Quantum Well Lasers: Experiments and Theory. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013, 19, 1100608-1100608.	2.9	15
53	Nonlocality Induces Chains of Nested Dissipative Solitons. <i>Physical Review Letters</i> , 2017, 119, 033904.	7.8	15
54	Temporal localized structures in mode-locked vertical external-cavity surface-emitting lasers. <i>Optics Letters</i> , 2018, 43, 5367.	3.3	15

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55	Resonant Tunneling Diode Nano-Optoelectronic Excitable Nodes for Neuromorphic Spike-Based Information Processing. <i>Physical Review Applied</i> , 2022, 17, .	3.8	15
56	160-GHz Passively Mode-Locked AlGaInAs 1.55- μm Strained Quantum-Well Compound Cavity Laser. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 727-729.	2.5	12
57	Spectral Delay Algebraic Equation Approach to Broad Area Laser Diodes. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013, 19, 1-8.	2.9	12
58	Theoretical Study of Colliding Pulse Passively Mode-Locked Semiconductor Ring Lasers With an Intracavity Mach-Zehnder Modulator. <i>IEEE Journal of Quantum Electronics</i> , 2014, 50, 415-422.	1.9	12
59	Interactions and collisions of topological solitons in a semiconductor laser with optical injection and feedback. <i>Chaos</i> , 2017, 27, 114308.	2.5	12
60	Far-from-Equilibrium Route to Superthermal Light in Bimodal Nanolasers. <i>Physical Review X</i> , 2018, 8, .	8.9	12
61	Bunching-induced asymmetry in degenerate four-wave mixing with cold atoms. <i>Physical Review A</i> , 2006, 74, .	2.5	11
62	Topological localized states in the time delayed Adler model: Bifurcation analysis and interaction law. <i>Chaos</i> , 2020, 30, 063137.	2.5	11
63	Conservative Solitons and Reversibility in Time Delayed Systems. <i>Physical Review Letters</i> , 2022, 128, 083901.	7.8	10
64	Multichannel Wavelength Conversion Using Four-Wave Mixing in Semiconductor Ring Lasers. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 476-479.	2.5	9
65	Temporal localized structures in optical resonators. <i>Advances in Physics: X</i> , 2017, 2, 496-517.	4.1	9
66	Light bullets in a time-delay model of a wide-aperture mode-locked semiconductor laser. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170372.	3.4	9
67	Bound states of light bullets in passively mode-locked semiconductor lasers. <i>Chaos</i> , 2020, 30, 063120.	2.5	9
68	Modal switching in quantum-well semiconductor lasers with weak optical feedback. <i>IEEE Journal of Quantum Electronics</i> , 2005, 41, 609-618.	1.9	8
69	Stochastic induced dynamics in neuromorphic optoelectronic oscillators. <i>Optical and Quantum Electronics</i> , 2014, 46, 1391-1396.	3.3	8
70	Phase dynamics in vertical-cavity surface-emitting lasers with delayed optical feedback and cross-polarized reinjection. <i>Physical Review A</i> , 2014, 90, .	2.5	8
71	Wavelength Jumps and Multimode Instabilities in Integrated Master Oscillator Power Amplifiers at 1.5 μm : Experiments and Theory. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 315-323.	2.9	8
72	Discrete light bullets in passively mode-locked semiconductor lasers. <i>Chaos</i> , 2020, 30, 063102.	2.5	8

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73	A normal form for frequency combs and localized states in Kerrâ€™Tournois interferometers. Optics Letters, 2022, 47, 2979.	3.3	8
74	Semiconductor snail lasers. Applied Physics Letters, 2010, 96, 121105.	3.3	7
75	Directional reversals and multimode dynamics in semiconductor ring lasers. Physical Review A, 2014, 89, .	2.5	7
76	Cooling and Trapping. Optics and Photonics News, 2005, 16, 21.	0.5	6
77	Reduced model for the description of radiation-matter interaction including atomic recoil. Physical Review A, 2003, 68, .	2.5	5
78	Phase-Incoherent Photonic Molecules in V-Shaped Mode-Locked Vertical-External-Cavity Surface-Emitting Semiconductor Lasers. Physical Review Applied, 2020, 14, .	3.8	5
79	Wiggling instabilities of temporal localized states in passively mode-locked vertical external-cavity surface-emitting lasers. Optics Letters, 2021, 46, 2557.	3.3	5
80	Simplified description of dynamics in neuromorphic resonant tunneling diodes. Chaos, 2021, 31, 113128.	2.5	5
81	Manipulation of temporal localized structures in a vertical external-cavity surface-emitting laser with optical feedback. Optics Letters, 2021, 46, 1109.	3.3	4
82	Hopping and emergent dynamics of optical localized states in a trapping potential. Chaos, 2020, 30, 093126.	2.5	4
83	Spike propagation in a nanolaser-based optoelectronic neuron. Optical Materials Express, 2022, 12, 2679.	3.0	4
84	Mode-Locking of VECSELs by Crossed-Polarization Gain Modulation. IEEE Journal of Quantum Electronics, 2007, 43, 786-793.	1.9	3
85	Dynamic response of a monolithic master-oscillator power-amplifier at 1.5 Î¼m. Proceedings of SPIE, 2013, , .	0.8	3
86	How Laser Localized Structures Evolve Out of Passive Mode-Locking. , 2014, , .		3
87	Introduction to the special issue on numerical simulation of optoelectronic devices NUSODâ€™14. Optical and Quantum Electronics, 2015, 47, 1291-1292.	3.3	3
88	Absorber Length Optimization of On-Chip Colliding Pulse Mode-Locked Semiconductor Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	3
89	Far-from-Equilibrium Route to Superthermal Light in Bimodal Nanolasers. , 2018, , .		3
90	Influence of time-delayed feedback on the dynamics of temporal localized structures in passively mode-locked semiconductor lasers. Chaos, 2022, 32, 033102.	2.5	3

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91	Influence of Thermal Effects on Cross-Gain Modulation Characteristics in VCSEA. IEEE Journal of Quantum Electronics, 2007, 43, 65-71.	1.9	2
92	Dynamics of semiconductor passively mode-locked lasers: Experiment and theory. , 2013, , .		2
93	Collective Light-Matter Interaction in the Presence Of Atomic Recoil. Optics and Photonics News, 2001, 12, 60.	0.5	1
94	Multimode dynamics of semiconductor lasers. , 2004, , .		1
95	Square-wave switching by crossed-polarization reinjection in VCSELs. , 2007, , .		1
96	Passive Mode-Locking in AlGaInAs 1.55- μm strained quantum well lasers: Modeling and experiment. , 2010, , .		1
97	Sub-picosecond pulse generation using fast saturable absorption in AlGaInAs/InP quantum wells. , 2010, , .		1
98	Nonlinear dynamics of a Li μm delayed-feedback optoelectronic oscillator. , 2011, , .		1
99	Dynamics of colliding pulse passively semiconductor mode-locked ring lasers with an intra-cavity Mach-Zehnder modulator. , 2013, , .		1
100	Integrated InP based modelocked lasers and pulse shapers. Proceedings of SPIE, 2013, , .	0.8	1
101	Mixed mode oscillations in a forced optoelectronic circuit for pattern and random bit generation. , 2014, , .		1
102	Numerical modeling and parameterization of on-chip colliding pulse mode-locked lasers. , 2017, , .		1
103	Numerical model of on-chip mode-locked lasers for millimeter wave generation. , 2017, , .		1
104	Bursting and excitability in neuromorphic resonant tunneling diodes. , 2021, , .		1
105	Subwavelength neuromorphic nanophotonic integrated circuits for spike-based computing: challenges and prospects. , 2021, , .		1
106	Dynamics of Li μm Optoelectronic Oscillators. Studies in Computational Intelligence, 2013, , 117-138.	0.9	1
107	Mode-Locked Semiconductor Lasers. , 2017, , 183-234.		1
108	Numerical modeling of mode-locking stability and repetition rate transitions in monolithic multi-section semiconductor lasers. , 2018, , .		1

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109	Spontaneous generation of a density grating in atomic vapours interacting with a strong electromagnetic field. , 2003, , .		0
110	Cavity soliton switching in semiconductor microresonators. , 0, , .		0
111	Coherent light emission by self-induced spatial longitudinal patterns in a Rb/sup 85/ molasse. , 0, , .		0
112	Passive mode-locking of lasers by crossed-polarization gain modulation. , 2007, , .		0
113	Modal structure of integrated semiconductor ring lasers with output waveguides. , 2008, , .		0
114	Modelling strategies for semiconductor ring lasers. Proceedings of SPIE, 2008, , .	0.8	0
115	Emission directionality of Semiconductor Ring Lasers. , 2009, , .		0
116	Wide range 40-GHz Passive Mode-Locking operation of an AlGaInAs 1.55- μm Strained Quantum Well laser. , 2009, , .		0
117	Ultrafast all-optical switching of bistable Semiconductor Ring Lasers. , 2009, , .		0
118	Modal structure of integrated Semiconductor Ring Lasers with output waveguides. , 2009, , .		0
119	Passive mode-locking of AlGaInAs quantum well laser, modelling and experiment. , 2009, , .		0
120	All-optical Set-Reset Flip-Flop based on semiconductor ring laser: Ultrafast response and error-free Bit-Error-Rate operation. , 2009, , .		0
121	Bichromatic emission and coexisting multimode dynamics in Ring Lasers. , 2011, , .		0
122	Wavelength multistability in ring and fabry-Pérot lasers: The effect of spatial hole burning. , 2011, , .		0
123	Passive mode-locking in quantum well Fabry-Pérot lasers. , 2011, , .		0
124	Bifurcation analysis of traveling wave models. , 2011, , .		0
125	A Li-ion-based optoelectronic oscillator with time-delayed feedback. , 2011, , .		0
126	Polarization dynamics of VCSELs with optical feedback and XPR. , 2011, , .		0

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127	Anti-Colliding Design for Monolithic Passively Mode-Locked Semiconductor Lasers. , 2012, , .		0
128	Multi-channel wavelength conversion using Four-Wave Mixing in Semiconductor Ring Lasers. , 2013, , .		0
129	Optoelectronic resonant tunneling diodes for high purity oscillations and excitable pulse generation. , 2013, , .		0
130	Delay algebraic equations for broad area lasers. , 2013, , .		0
131	Square-wave emission in vertical-cavity surface-emitting lasers. , 2013, , .		0
132	Anti-colliding design for passively mode-locked lasers. , 2013, , .		0
133	Emission wavelength multistability in semiconductor ring lasers. , 2013, , .		0
134	Observation of switching and pulsed behaviour in a noise-driven resonant tunneling diode excitable optoelectronic oscillator. , 2013, , .		0
135	Dynamical characterization of monolithic MOPAs emitting at 1.5 μm . , 2013, , .		0
136	Neuromorphic opto-electronic integrated circuits for optical signal processing. Proceedings of SPIE, 2014, , .	0.8	0
137	A reconfigurable and regenerative memory for optical phase bits. , 2014, , .		0
138	Buffering Data in a Regenerative Excitable Optoelectronic Pulse Generator. , 2014, , .		0
139	Welcome to NUSOD 2014!. , 2014, , .		0
140	Optical memory based on topological localized structures. , 2014, , .		0
141	Dissipative Vectorial Solitons in Semiconductor Lasers. , 2014, , .		0
142	Shielding of optical pulses on hydrodynamical time scales in laser-induced breakdown of saline water. Journal of Applied Physics, 2014, 116, 033102.	2.5	0
143	Time-localized Structures in Vertical-Cavity Surface-Emitting Lasers (VCSELs). , 2014, , .		0
144	Polarization dynamics of VCSELs in external cavities. , 2014, , .		0

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145	Dissipative vectorial solitons and molecules in VCSELs with delays. , 2014, , .		0
146	How laser localized structures evolve out of passive mode-locking. , 2014, , .		0
147	Introduction to the OQE special issue on numerical simulation of optoelectronic devices NUSODâ€™13. Optical and Quantum Electronics, 2014, 46, 1187-1187.	3.3	0
148	Dissipative Vectorial Solitons in Semiconductor Lasers. , 2014, , .		0
149	Temporal localized states in semiconductors (II): from mode-locking to localized pulses. , 2015, , .		0
150	Rational Chebyshev spectral transform for the dynamics of broad-area laser diodes. Journal of Computational Physics, 2015, 298, 801-815.	3.8	0
151	Localized pulses in passively mode-locked semiconductor lasers. , 2016, , .		0
152	Temporal localized structures in mode-locked semiconductor lasers. , 2016, , .		0
153	Electrical addressing and temporal tweezing of localized pulses in passively mode-locked semiconductor lasers. , 2017, , .		0
154	Theoretical and experimental development of on-chip colliding pulse mode-locked lasers. , 2017, , .		0
155	Asymmetric mode scattering in strongly coupled photonic crystal nanolasers. , 2017, , .		0
156	Superthermal photon statistics in coupled photonic crystal semiconductor nanolasers. , 2017, , .		0
157	Addressing and Manipulation of Localized Structures in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
158	Ultrafast Semiconductor Lasers: Pulse Generation and Stabilization. , 2018, , .		0
159	Third Order Dispersion in Optical Time Delayed Systems: The Case of Mode-Locked Vertical External-Cavity Surface-Emitting Lasers. , 2019, , .		0
160	Repetition rate transitions and timing stability improvement in monolithic multi-section semiconductor lasers. Materials Today: Proceedings, 2019, 7, 904-907.	1.8	0
161	Satellite Instabilities in Passively Mode-Locked Vertical-Cavity Surface-Emitting Lasers. , 2019, , .		0
162	Impact of High-Order Effects on Soliton Explosions in the Complex Cubic-Quintic Ginzburg-Landau Equation. , 2019, , .		0

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163	Temporal Localized Structures in Mode-Locked Vertical External-Cavity Surface-Emitting Lasers. , 2019, , .		0
164	Dynamics of Optically Injected Kerr Gires-Tournois Interferometers. , 2019, , .		0
165	A Functional Mapping for Passively Mode-Locked Semiconductor Lasers. , 2019, , .		0
166	Third Order Dispersion in Optical Time Delayed Systems: The case of Mode-Locked Vertical External-Cavity Surface-Emitting Lasers. , 2020, , .		0
167	A Functional Mapping for Passively Mode-Locked Semiconductor Lasers. , 2020, , .		0
168	Time-Localized Fourier Patterns. , 2021, , .		0
169	Spike propagation in a nanolaser-based optoelectronic neuron. , 2021, , .		0
170	Phase-incoherent photonic molecules in V-shaped mode-locked VECSELS. , 2021, , .		0
171	Dispersive Instabilities In Passively Mode-Locked Integrated External-Cavity Surface-Emitting Lasers. , 2021, , .		0
172	Wiggling Temporal Localized States in Passively Mode-Locked Vertical External Cavity Surface Emitting Lasers. , 2021, , .		0
173	How carrier memory enters the Haus master equation of mode-locking. , 2021, , .		0
174	Modelling of Semiconductor Mode-Locked Lasers. , 2012, , .		0
175	Dynamics of LiÃ©nard Optoelectronic Oscillators. Studies in Computational Intelligence, 2013, , 137-158.	0.9	0
176	Topological solitons as addressable phase bits in a driven laser. , 2016, , .		0
177	Electrical addressing and temporal tweezing of localized pulses in passively mode-locked semiconductor lasers. , 2017, , .		0
178	Bifurcation analysis of Temporal Localized States in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
179	Atypical Trapping of Cavity Solitons in Kerr Resonators Driven with Optical Pulses. , 2018, , .		0
180	Anomalous Trapping of Temporal Cavity Solitons by Amplitude Modulated Driving Fields. , 2018, , .		0

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181	Temporal Localized Structures and Light Bullets in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
182	Satellite instabilities in Passively Mode-Locked Vertical-Cavity Surface-Emitting Lasers. , 2018, , .		0
183	Nonlocality Induces Knotted Chains of Localized Structures in Lasers. , 2018, , .		0
184	A Functional Mapping for Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
185	Dissipative Light Bullets in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
186	10.1063/5.0002015.1. , 2020, , .		0
187	10.1063/5.0002989.4. , 2020, , .		0