

Julien Javaloyes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1979291/publications.pdf>

Version: 2024-02-01

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	Resonant Tunneling Diode Nano-Optoelectronic Excitable Nodes for Neuromorphic Spike-Based Information Processing. <i>Physical Review Applied</i> , 2022, 17, .	3.8	15
2	Conservative Solitons and Reversibility in Time Delayed Systems. <i>Physical Review Letters</i> , 2022, 128, 083901.	7.8	10
3	Spike propagation in a nanolaser-based optoelectronic neuron. <i>Optical Materials Express</i> , 2022, 12, 2679.	3.0	4
4	Influence of time-delayed feedback on the dynamics of temporal localized structures in passively mode-locked semiconductor lasers. <i>Chaos</i> , 2022, 32, 033102.	2.5	3
5	A normal form for frequency combs and localized states in Kerrâ€™Tournois interferometers. <i>Optics Letters</i> , 2022, 47, 2979.	3.3	8
6	Manipulation of temporal localized structures in a vertical external-cavity surface-emitting laser with optical feedback. <i>Optics Letters</i> , 2021, 46, 1109.	3.3	4
7	Bursting and Excitability in Neuromorphic Resonant Tunneling Diodes. <i>Physical Review Applied</i> , 2021, 15, .	3.8	16
8	Wiggling instabilities of temporal localized states in passively mode-locked vertical external-cavity surface-emitting lasers. <i>Optics Letters</i> , 2021, 46, 2557.	3.3	5
9	Time-Localized Fourier Patterns. , 2021, , .		0
10	Spike propagation in a nanolaser-based optoelectronic neuron. , 2021, , .		0
11	Phase-incoherent photonic molecules in V-shaped mode-locked VECSELs. , 2021, , .		0
12	Bursting and excitability in neuromorphic resonant tunneling diodes. , 2021, , .		1
13	Dispersive Instabilities In Passively Mode-Locked Integrated External-Cavity Surface-Emitting Lasers. , 2021, , .		0
14	Wiggling Temporal Localized States in Passively Mode-Locked Vertical External Cavity Surface Emitting Lasers. , 2021, , .		0
15	How carrier memory enters the Haus master equation of mode-locking. , 2021, , .		0
16	Subwavelength neuromorphic nanophotonic integrated circuits for spike-based computing: challenges and prospects. , 2021, , .		1
17	Simplified description of dynamics in neuromorphic resonant tunneling diodes. <i>Chaos</i> , 2021, 31, 113128.	2.5	5
18	Phase-Incoherent Photonic Molecules in V-Shaped Mode-Locked Vertical-External-Cavity Surface-Emitting Semiconductor Lasers. <i>Physical Review Applied</i> , 2020, 14, .	3.8	5

#	ARTICLE	IF	CITATIONS
19	Third Order Dispersion in Optical Time Delayed Systems: The case of Mode-Locked Vertical External-Cavity Surface-Emitting Lasers. , 2020, , .		0
20	A Functional Mapping for Passively Mode-Locked Semiconductor Lasers. , 2020, , .		0
21	Dispersive Instabilities in Passively Mode-Locked Integrated External-Cavity Surface-Emitting Lasers. Physical Review Applied, 2020, 13, .	3.8	22
22	Mesoscopic Limit Cycles in Coupled Nanolasers. Physical Review Letters, 2020, 124, 213602.	7.8	21
23	Topological localized states in the time delayed Adler model: Bifurcation analysis and interaction law. Chaos, 2020, 30, 063137.	2.5	11
24	Bound states of light bullets in passively mode-locked semiconductor lasers. Chaos, 2020, 30, 063120.	2.5	9
25	Discrete light bullets in passively mode-locked semiconductor lasers. Chaos, 2020, 30, 063102.	2.5	8
26	Hopping and emergent dynamics of optical localized states in a trapping potential. Chaos, 2020, 30, 093126.	2.5	4
27	How carrier memory enters the Haus master equation of mode-locking. Optics Letters, 2020, 45, 6210.	3.3	22
28	NanoLEDs for energy-efficient and gigahertz-speed spike-based sub- μ s neuromorphic nanophotonic computing. Nanophotonics, 2020, 9, 4149-4162.	6.0	23
29	10.1063/5.0002015.1. , 2020, , .		0
30	10.1063/5.0002989.4. , 2020, , .		0
31	Impact of high-order effects on soliton explosions in the complex cubic-quintic Ginzburg-Landau equation. Physical Review A, 2019, 99, .	2.5	35
32	Third Order Dispersion in Time-Delayed Systems. Physical Review Letters, 2019, 123, 043902.	7.8	42
33	Third Order Dispersion in Optical Time Delayed Systems: The Case of Mode-Locked Vertical External-Cavity Surface-Emitting Lasers. , 2019, , .		0
34	Repetition rate transitions and timing stability improvement in monolithic multi-section semiconductor lasers. Materials Today: Proceedings, 2019, 7, 904-907.	1.8	0
35	Satellite Instabilities in Passively Mode-Locked Vertical-Cavity Surface-Emitting Lasers. , 2019, , .		0
36	Impact of High-Order Effects on Soliton Explosions in the Complex Cubic-Quintic Ginzburg-Landau Equation. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Temporal Localized Structures in Mode-Locked Vertical External-Cavity Surface-Emitting Lasers. , 2019, , .		0
38	Dynamics of Optically Injected Kerr Gires-Tournois Interferometers. , 2019, , .		0
39	A Functional Mapping for Passively Mode-Locked Semiconductor Lasers. , 2019, , .		0
40	Tunable Kerr frequency combs and temporal localized states in time-delayed Gires-Tournois interferometers. Optics Letters, 2019, 44, 4925.	3.3	17
41	Far-from-Equilibrium Route to Superthermal Light in Bimodal Nanolasers. Physical Review X, 2018, 8, .	8.9	12
42	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
43	Addressing and Manipulation of Localized Structures in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
44	Ultrafast Semiconductor Lasers: Pulse Generation and Stabilization. , 2018, , .		0
45	Dynamics of temporally localized states in passively mode-locked semiconductor lasers. Physical Review A, 2018, 97, .	2.5	22
46	Spontaneous symmetry breaking and trapping of temporal Kerr cavity solitons by pulsed or amplitude-modulated driving fields. Physical Review A, 2018, 97, .	2.5	44
47	Functional mapping for passively mode-locked semiconductor lasers. Optics Letters, 2018, 43, 2535.	3.3	18
48	Light bullets in a time-delay model of a wide-aperture mode-locked semiconductor laser. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170372.	3.4	9
49	Temporal localized structures in mode-locked vertical external-cavity surface-emitting lasers. Optics Letters, 2018, 43, 5367.	3.3	15
50	Far-from-Equilibrium Route to Superthermal Light in Bimodal Nanolasers. , 2018, , .		3
51	Bifurcation analysis of Temporal Localized States in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
52	Atypical Trapping of Cavity Solitons in Kerr Resonators Driven with Optical Pulses. , 2018, , .		0
53	Anomalous Trapping of Temporal Cavity Solitons by Amplitude Modulated Driving Fields. , 2018, , .		0
54	Temporal Localized Structures and Light Bullets in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	Satellite instabilities in Passively Mode-Locked Vertical-Cavity Surface-Emitting Lasers. , 2018, , .		0
56	Nonlocality Induces Knotted Chains of Localized Structures in Lasers. , 2018, , .		0
57	A Functional Mapping for Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
58	Dissipative Light Bullets in Passively Mode-Locked Semiconductor Lasers. , 2018, , .		0
59	Numerical modeling of mode-locking stability and repetition rate transitions in monolithic multi-section semiconductor lasers. , 2018, , .		1
60	Temporal localized structures in optical resonators. <i>Advances in Physics: X</i> , 2017, 2, 496-517.	4.1	9
61	Spatial instabilities of light bullets in passively-mode-locked lasers. <i>Physical Review A</i> , 2017, 96, .	2.5	27
62	Electrical addressing and temporal tweezing of localized pulses in passively mode-locked semiconductor lasers. , 2017, , .		0
63	Nonlocality Induces Chains of Nested Dissipative Solitons. <i>Physical Review Letters</i> , 2017, 119, 033904.	7.8	15
64	Refractory period of an excitable semiconductor laser with optical injection. <i>Physical Review E</i> , 2017, 95, 012214.	2.1	31
65	Introduction to Focus Issue: Time-delay dynamics. <i>Chaos</i> , 2017, 27, 114201.	2.5	42
66	Interactions and collisions of topological solitons in a semiconductor laser with optical injection and feedback. <i>Chaos</i> , 2017, 27, 114308.	2.5	12
67	Delay dynamics of neuromorphic optoelectronic nanoscale resonators: Perspectives and applications. <i>Chaos</i> , 2017, 27, 114323.	2.5	27
68	Numerical modeling and parameterization of on-chip colliding pulse mode-locked lasers. , 2017, , .		1
69	Theoretical and experimental development of on-chip colliding pulse mode-locked lasers. , 2017, , .		0
70	Asymmetric mode scattering in strongly coupled photonic crystal nanolasers. , 2017, , .		0
71	Numerical model of on-chip mode-locked lasers for millimeter wave generation. , 2017, , .		1
72	Superthermal photon statistics in coupled photonic crystal semiconductor nanolasers. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
73	Controlled inhibition of spiking dynamics in VCSELs for neuromorphic photonics: theory and experiments. <i>Optics Letters</i> , 2017, 42, 1560.	3.3	80
74	Electrical addressing and temporal tweezing of localized pulses in passively mode-locked semiconductor lasers. , 2017, , .		0
75	Mode-Locked Semiconductor Lasers. , 2017, , 183-234.		1
76	Asymmetric mode scattering in strongly coupled photonic crystal nanolasers. <i>Optics Letters</i> , 2016, 41, 5628.	3.3	20
77	Localized pulses in passively mode-locked semiconductor lasers. , 2016, , .		0
78	Electrical addressing and temporal tweezing of localized pulses in passively-mode-locked semiconductor lasers. <i>Physical Review A</i> , 2016, 94, .	2.5	37
79	Cavity Light Bullets in Passively Mode-Locked Semiconductor Lasers. <i>Physical Review Letters</i> , 2016, 116, 043901.	7.8	49
80	Dynamics of Localized Structures in Systems with Broken Parity Symmetry. <i>Physical Review Letters</i> , 2016, 116, 133901.	7.8	31
81	Regenerative memory in time-delayed neuromorphic photonic resonators. <i>Scientific Reports</i> , 2016, 6, 19510.	3.3	100
82	Temporal localized structures in mode-locked semiconductor lasers. , 2016, , .		0
83	Topological solitons as addressable phase bits in a driven laser. , 2016, , .		0
84	Arrest of Domain Coarsening via Antiperiodic Regimes in Delay Systems. <i>Physical Review Letters</i> , 2015, 115, 203901.	7.8	28
85	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
86	Vectorial dissipative solitons in vertical-cavity surface-emitting lasers with delays. <i>Nature Photonics</i> , 2015, 9, 450-455.	31.4	71
87	Temporal localized states in semiconductors (II): from mode-locking to localized pulses. , 2015, , .		0
88	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
89	Topological solitons as addressable phase bits in a driven laser. <i>Nature Communications</i> , 2015, 6, 5915.	12.8	113
90	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

#	ARTICLE	IF	CITATIONS
91	Introduction to the special issue on numerical simulation of optoelectronic devices NUSOD™14. Optical and Quantum Electronics, 2015, 47, 1291-1292.	3.3	3
92	Wavelength Jumps and Multimode Instabilities in Integrated Master Oscillator Power Amplifiers at 1.5 μm : Experiments and Theory. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 315-323.	2.9	8
93	Rational Chebyshev spectral transform for the dynamics of broad-area laser diodes. Journal of Computational Physics, 2015, 298, 801-815.	3.8	0
94	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
95	Neuromorphic opto-electronic integrated circuits for optical signal processing. Proceedings of SPIE, 2014, , .	0.8	0
96	A reconfigurable and regenerative memory for optical phase bits. , 2014, , .		0
97	Buffering Data in a Regenerative Excitable Optoelectronic Pulse Generator. , 2014, , .		0
98	Welcome to NUSOD 2014!. , 2014, , .		0
99	How Laser Localized Structures Evolve Out of Passive Mode-Locking. , 2014, , .		3
100	Optical memory based on topological localized structures. , 2014, , .		0
101	Dissipative Vectorial Solitons in Semiconductor Lasers. , 2014, , .		0
102	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
103	Theoretical Study of Colliding Pulse Passively Mode-Locked Semiconductor Ring Lasers With an Intracavity Mach-Zehnder Modulator. IEEE Journal of Quantum Electronics, 2014, 50, 415-422.	1.9	12
104	Mixed mode oscillations in a forced optoelectronic circuit for pattern and random bit generation. , 2014, , .		1
105	Time-localized Structures in Vertical-Cavity Surface-Emitting Lasers (VCSELs). , 2014, , .		0
106	Polarization dynamics of VCSELs in external cavities. , 2014, , .		0
107	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
108	Stochastic induced dynamics in neuromorphic optoelectronic oscillators. Optical and Quantum Electronics, 2014, 46, 1391-1396.	3.3	8

#	ARTICLE	IF	CITATIONS
109	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
110	Dissipative vectorial solitons and molecules in VCSELs with delays. , 2014, , .		0
111	How laser localized structures evolve out of passive mode-locking. , 2014, , .		0
112	Directional reversals and multimode dynamics in semiconductor ring lasers. <i>Physical Review A</i> , 2014, 89, .	2.5	7
113	Introduction to the OQE special issue on numerical simulation of optoelectronic devices NUSODâ€™13. <i>Optical and Quantum Electronics</i> , 2014, 46, 1187-1187.	3.3	0
114	How Lasing Localized Structures Evolve out of Passive Mode Locking. <i>Physical Review Letters</i> , 2014, 112, 223901.	7.8	129
115	Dissipative Vectorial Solitons in Semiconductor Lasers. , 2014, , .		0
116	Dynamics of semiconductor passively mode-locked lasers: Experiment and theory. , 2013, , .		2
117	Multi-channel wavelength conversion using Four-Wave Mixing in Semiconductor Ring Lasers. , 2013, , .		0
118	Optoelectronic resonant tunneling diodes for high purity oscillations and excitable pulse generation. , 2013, , .		0
119	Multichannel Wavelength Conversion Using Four-Wave Mixing in Semiconductor Ring Lasers. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 476-479.	2.5	9
120	Delayed Feedback Dynamics of LiÃ©nard-Type Resonant Tunneling-Photo-Detector Optoelectronic Oscillators. <i>IEEE Journal of Quantum Electronics</i> , 2013, 49, 31-42.	1.9	37
121	Delay algebraic equations for broad area lasers. , 2013, , .		0
122	Square-wave emission in vertical-cavity surface-emitting lasers. , 2013, , .		0
123	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
124	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
125	Dynamics of colliding pulse passively semiconductor mode-locked ring lasers with an intra-cavity Mach-Zehnder modulator. , 2013, , .		1
126	Robust square-wave polarization switching in vertical-cavity surface-emitting lasers. <i>Physical Review A</i> , 2013, 87, .	2.5	20

#	ARTICLE	IF	CITATIONS
127	Subpicosecond Colliding Pulse Mode Locking at 126 GHz in Monolithic GaAs/AlGaAs Quantum Well Lasers: Experiments and Theory. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 1100608-1100608.	2.9	15
128	Anti-colliding design for passively mode-locked lasers. , 2013, , .		0
129	Emission wavelength multistability in semiconductor ring lasers. , 2013, , .		0
130	Observation of switching and pulsed behaviour in a noise-driven resonant tunneling diode excitable optoelectronic oscillator. , 2013, , .		0
131	Dynamical characterization of monolithic MOPAs emitting at 1.5 μm . , 2013, , .		0
132	Dynamic response of a monolithic master-oscillator power-amplifier at 1.5 μm . Proceedings of SPIE, 2013, , .	0.8	3
133	Integrated InP based modelocked lasers and pulse shapers. Proceedings of SPIE, 2013, , .	0.8	1
134	Dynamics of LiÅ©nard Optoelectronic Oscillators. Studies in Computational Intelligence, 2013, , 117-138.	0.9	1
135	Dynamics of LiÅ©nard Optoelectronic Oscillators. Studies in Computational Intelligence, 2013, , 137-158.	0.9	0
136	Multimode dynamics in bidirectional laser cavities by folding space into time delay. Optics Express, 2012, 20, 8496.	3.4	33
137	Anti-Colliding Design for Monolithic Passively Mode-Locked Semiconductor Lasers. , 2012, , .		0
138	Detuning and Thermal Effects on the Dynamics of Passively Mode-Locked Quantum-Well Lasers. IEEE Journal of Quantum Electronics, 2012, 48, 1519-1526.	1.9	15
139	Modelling of Semiconductor Mode-Locked Lasers. , 2012, , .		0
140	Bichromatic emission and coexisting multimode dynamics in Ring Lasers. , 2011, , .		0
141	Longitudinal mode multistability in Ring and Fabry-PÃ©rot lasers: the effect of spatial hole burning. Optics Express, 2011, 19, 3284.	3.4	31
142	Anticolliding design for monolithic passively mode-locked semiconductor lasers. Optics Letters, 2011, 36, 4407.	3.3	35
143	Spectral Dynamical Behavior in Passively Mode-Locked Semiconductor Lasers. IEEE Photonics Journal, 2011, 3, 1067-1082.	2.0	35
144	All-Optical Directional Switching of Bistable Semiconductor Ring Lasers. IEEE Journal of Quantum Electronics, 2011, 47, 1078-1085.	1.9	15

#	ARTICLE	IF	CITATIONS
145	Wavelength multistability in ring and fabry-Pérot lasers: The effect of spatial hole burning. , 2011, , .		0
146	Passive mode-locking in quantum well Fabry-Pérot lasers. , 2011, , .		0
147	Bifurcation analysis of traveling wave models. , 2011, , .		0
148	Nonlinear dynamics of a Liénard delayed-feedback optoelectronic oscillator. , 2011, , .		1
149	A Liénard optoelectronic oscillator with time-delayed feedback. , 2011, , .		0
150	Polarization dynamics of VCSELs with optical feedback and XPR. , 2011, , .		0
151	Mode-Locking in Semiconductor Fabry-Pérot Lasers. IEEE Journal of Quantum Electronics, 2010, 46, 1023-1030.	1.9	70
152	Passive Mode-Locking in AlGaInAs 1.55-µm strained quantum well lasers: Modeling and experiment. , 2010, , .		1
153	Semiconductor snail lasers. Applied Physics Letters, 2010, 96, 121105.	3.3	7
154	160-GHz Passively Mode-Locked AlGaInAs 1.55- μ m Strained Quantum-Well Compound Cavity Laser. IEEE Photonics Technology Letters, 2010, 22, 727-729.	2.5	12
155	Quasiequilibrium time-domain susceptibility of semiconductor quantum wells. Physical Review A, 2010, 81, .	2.5	32
156	Bichromatic emission and multimode dynamics in bidirectional ring lasers. Physical Review A, 2010, 81, .	2.5	19
157	Sub-picosecond pulse generation using fast saturable absorption in AlGaInAs/InP quantum wells. , 2010, , .		1
158	Emission directionality of Semiconductor Ring Lasers. , 2009, , .		0
159	Wide range 40-GHz Passive Mode-Locking operation of an AlGaInAs 1.55-µm Strained Quantum Well laser. , 2009, , .		0
160	Ultrafast all-optical switching of bistable Semiconductor Ring Lasers. , 2009, , .		0
161	Modal structure of integrated Semiconductor Ring Lasers with output waveguides. , 2009, , .		0
162	Passive mode-locking of AlGaInAs quantum well laser, modelling and experiment. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
163	Subpicosecond Pulse Generation at Quasi-40-GHz Using a Passively Mode-Locked AlGaInAs ϵ InP 1.55- μ m Strained Quantum-Well Laser. IEEE Photonics Technology Letters, 2009, 21, 1731-1733.	2.5	66
164	All-optical Set-Reset Flip-Flop based on semiconductor ring laser: Ultrafast response and error-free Bit-Error-Rate operation. , 2009, , .		0
165	Emission Directionality of Semiconductor Ring Lasers: A Traveling-Wave Description. IEEE Journal of Quantum Electronics, 2009, 45, 431-438.	1.9	58
166	Collective atomic recoil laser as a synchronization transition. Physical Review E, 2008, 78, 011108.	2.1	70
167	Modal structure of integrated semiconductor ring lasers with output waveguides. , 2008, , .		0
168	Modelling strategies for semiconductor ring lasers. Proceedings of SPIE, 2008, , .	0.8	0
169	Square-wave switching by crossed-polarization gain modulation in vertical-cavity semiconductor lasers. Physical Review A, 2007, 76, .	2.5	26
170	Square-wave switching by crossed-polarization reinjection in VCSELs. , 2007, , .		1
171	Passive mode-locking of lasers by crossed-polarization gain modulation. , 2007, , .		0
172	Influence of Thermal Effects on Cross-Gain Modulation Characteristics in VCSEA. IEEE Journal of Quantum Electronics, 2007, 43, 65-71.	1.9	2
173	Mode-Locking of VECSELs by Crossed-Polarization Gain Modulation. IEEE Journal of Quantum Electronics, 2007, 43, 786-793.	1.9	3
174	Passive Mode Locking of Lasers by Crossed-Polarization Gain Modulation. Physical Review Letters, 2006, 97, 163902.	7.8	26
175	Bunching-induced asymmetry in degenerate four-wave mixing with cold atoms. Physical Review A, 2006, 74, .	2.5	11
176	Cavity-solitons switching in semiconductor microcavities. Physical Review A, 2005, 72, .	2.5	65
177	Modal switching in quantum-well semiconductor lasers with weak optical feedback. IEEE Journal of Quantum Electronics, 2005, 41, 609-618.	1.9	8
178	Cooling and Trapping. Optics and Photonics News, 2005, 16, 21.	0.5	6
179	Self-generated cooperative light emission induced by atomic recoil. Physical Review A, 2004, 70, .	2.5	17
180	Dynamics of multimode semiconductor lasers. Physical Review A, 2004, 69, .	2.5	62

#	ARTICLE	IF	CITATIONS
181	Multimode dynamics of semiconductor lasers. , 2004, , .		1
182	Dynamical properties of lasers coupled face to face. Physical Review E, 2003, 67, 036201.	2.1	44
183	Spontaneous generation of a density grating in atomic vapours interacting with a strong electromagnetic field. , 2003, , .		0
184	Reduced model for the description of radiation-matter interaction including atomic recoil. Physical Review A, 2003, 68, .	2.5	5
185	Collective Light-Matter Interaction in the Presence Of Atomic Recoil. Optics and Photonics News, 2001, 12, 60.	0.5	1
186	Cavity soliton switching in semiconductor microresonators. , 0, , .		0
187	Coherent light emission by self-induced spatial longitudinal patterns in a Rb/sup 85/ molasse. , 0, , .		0