

Maxi San Miguel

List of Publications by Year in descending order

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282
papers

11,241
citations

36303

51
h-index

40979

93
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285
all docs

285
docs citations

285
times ranked

4215
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination and equilibrium selection in games: the role of local effects. <i>Scientific Reports</i> , 2022, 12, 3373.	3.3	6
2	Echo chambers and information transmission biases in homophilic and heterophilic networks. <i>Scientific Reports</i> , 2022, 12, .	3.3	10
3	Biased-voter model: How persuasive a small group can be?. <i>Chaos, Solitons and Fractals</i> , 2022, 161, 112363.	5.1	6
4	On the importance of trip destination for modelling individual human mobility patterns. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200673.	3.4	2
5	Emergence of complex structures from nonlinear interactions and noise in coevolving networks. <i>Scientific Reports</i> , 2020, 10, 15660.	3.3	11
6	Local connectivity effects in learning and coordination dynamics in a two-layer network. <i>Chaos</i> , 2020, 30, 083125.	2.5	4
7	Introduction to the chaos focus issue on the dynamics of social systems. <i>Chaos</i> , 2020, 30, 120401.	2.5	7
8	Absorbing-state transition in a coevolution model with node and link states in an adaptive network: network fragmentation transition at criticality. <i>New Journal of Physics</i> , 2020, 22, 113001.	2.9	9
9	Pair approximation for the noisy threshold-voter model. <i>Physical Review E</i> , 2020, 101, 052131.	2.1	19
10	Coordination in a skeptical two-group population. <i>Journal of Economic Interaction and Coordination</i> , 2019, 14, 203-214.	0.7	6
11	Absorbing phase transition in the coupled dynamics of node and link states in random networks. <i>Scientific Reports</i> , 2019, 9, 9726.	3.3	18
12	Herding and idiosyncratic choices: Nonlinearity and aging-induced transitions in the noisy voter model. <i>Comptes Rendus Physique</i> , 2019, 20, 262-274.	0.9	15
13	Multilayer coevolution dynamics of the nonlinear voter model. <i>New Journal of Physics</i> , 2019, 21, 035004.	2.9	16
14	Chimera and Anticoordination States in Learning Dynamics. <i>Frontiers in Applied Mathematics and Statistics</i> , 2019, 5, .	1.3	3
15	Zealots in the mean-field noisy voter model. <i>Physical Review E</i> , 2018, 97, 012310.	2.1	51
16	Stochastic pair approximation treatment of the noisy voter model. <i>New Journal of Physics</i> , 2018, 20, 103045.	2.9	34
17	Coevolving nonlinear voter model with triadic closure. <i>Europhysics Letters</i> , 2018, 124, 30001.	2.0	14
18	First-passage distributions for the one-dimensional Fokker-Planck equation. <i>Physical Review E</i> , 2018, 98, .	2.1	23

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19	Competition and dual users in complex contagion processes. <i>Scientific Reports</i> , 2018, 8, 14580.	3.3	9
20	Aging-induced continuous phase transition. <i>Physical Review E</i> , 2018, 98, .	2.1	21
21	Analytical and numerical study of the non-linear noisy voter model on complex networks. <i>Chaos</i> , 2018, 28, 075516.	2.5	56
22	Competing contagion processes: Complex contagion triggered by simple contagion. <i>Scientific Reports</i> , 2018, 8, 10422.	3.3	37
23	Dynamics on networks: competition of temporal and topological correlations. <i>Scientific Reports</i> , 2017, 7, 41627.	3.3	27
24	Opinion competition dynamics on multiplex networks. <i>New Journal of Physics</i> , 2017, 19, 123019.	2.9	34
25	Fragmentation transitions in a coevolving nonlinear voter model. <i>Scientific Reports</i> , 2017, 7, 12864.	3.3	27
26	Layered social influence promotes multiculturalism in the Axelrod model. <i>Scientific Reports</i> , 2017, 7, 1809.	3.3	38
27	Joint effect of ageing and multilayer structure prevents ordering in the voter model. <i>Scientific Reports</i> , 2017, 7, 7166.	3.3	13
28	Irreducibility of multilayer network dynamics: the case of the voter model. <i>New Journal of Physics</i> , 2016, 18, 023010.	2.9	57
29	Dynamical origins of the community structure of an online multi-layer society. <i>New Journal of Physics</i> , 2016, 18, 083045.	2.9	24
30	Coupled dynamics of node and link states in complex networks: a model for language competition. <i>New Journal of Physics</i> , 2016, 18, 113056.	2.9	14
31	Competition of simple and complex adoption on interdependent networks. <i>Physical Review E</i> , 2016, 94, 062301.	2.1	34
32	Rescue of endemic states in interconnected networks with adaptive coupling. <i>Scientific Reports</i> , 2016, 6, 29342.	3.3	17
33	The noisy voter model on complex networks. <i>Scientific Reports</i> , 2016, 6, 24775.	3.3	100
34	Noise in coevolving networks. <i>Physical Review E</i> , 2015, 92, 032803.	2.1	21
35	Influence of sociodemographic characteristics on human mobility. <i>Scientific Reports</i> , 2015, 5, 10075.	3.3	63
36	Comparing and modelling land use organization in cities. <i>Royal Society Open Science</i> , 2015, 2, 150449.	2.4	63

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37	Learning and coordinating in a multilayer network. Scientific Reports, 2015, 5, 7776.	3.3	19
38	Markets, Herding and Response to External Information. PLoS ONE, 2015, 10, e0133287.	2.5	30
39	Social imitation versus strategic choice, or consensus versus cooperation, in the networked Prisoner's Dilemma. Physical Review E, 2014, 90, 022810.	2.1	36
40	Fragmentation transition in a coevolving network with link-state dynamics. Physical Review E, 2014, 89, 062802.	2.1	13
41	Anomalous Shattered Fragmentation Transition in the Coevolving Multiplex. , 2014, , .		0
42	Is the Voter Model a Model for Voters?. Physical Review Letters, 2014, 112, 158701.	7.8	162
43	Localized coherence in two interacting populations of social agents. Physica A: Statistical Mechanics and Its Applications, 2014, 399, 24-30.	2.6	92
44	Absorbing and shattered fragmentation transitions in multilayer coevolution. Physical Review E, 2014, 89, 062818.	2.1	51
45	The Role of Noise and Initial Conditions in the Asymptotic Solution of a Bounded Confidence, Continuous-Opinion Model. Journal of Statistical Physics, 2013, 151, 131-149.	1.2	51
46	Opinions, Conflicts, and Consensus: Modeling Social Dynamics in a Collaborative Environment. Physical Review Letters, 2013, 110, 088701.	7.8	57
47	Agent-based models of language competition. International Journal of the Sociology of Language, 2013, 2013, .	0.8	13
48	Timing Interactions in Social Simulations: The Voter Model. Understanding Complex Systems, 2013, , 331-352.	0.6	8
49	Manifesto de Ci�ncia Social Computacional. Media&Tempo: Revista De Ci�ncias Sociais, 2013, 18, 20.	0.1	1
50	Dynamics of link states in complex networks: The case of a majority rule. Physical Review E, 2012, 86, 066113.	2.1	10
51	Social and strategic imitation: the way to consensus. Scientific Reports, 2012, 2, 686.	3.3	62
52	A measure of individual role in collective dynamics. Scientific Reports, 2012, 2, 292.	3.3	136
53	Challenges in complex systems science. European Physical Journal: Special Topics, 2012, 214, 245-271.	2.6	59
54	Manifesto of computational social science. European Physical Journal: Special Topics, 2012, 214, 325-346.	2.6	266

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55	Big science and big administration. <i>European Physical Journal: Special Topics</i> , 2012, 214, 635-666.	2.6	5
56	MODELING TWO-LANGUAGE COMPETITION DYNAMICS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012, 15, 1250048.	1.4	46
57	A Model for Cross-Cultural Reciprocal Interactions through Mass Media. <i>PLoS ONE</i> , 2012, 7, e51035.	2.5	17
58	Viability and Resilience in the Dynamics of Language Competition. <i>Understanding Complex Systems</i> , 2011, , 39-73.	0.6	4
59	Update rules and interevent time distributions: Slow ordering versus no ordering in the voter model. <i>Physical Review E</i> , 2011, 84, 015103.	2.1	50
60	Threshold Learning Dynamics in Social Networks. <i>PLoS ONE</i> , 2011, 6, e20207.	2.5	32
61	Spontaneous ordering against an external field in non-equilibrium systems. <i>New Journal of Physics</i> , 2010, 12, 013010.	2.9	35
62	Viability and Resilience of Languages in Competition. <i>PLoS ONE</i> , 2010, 5, e8681.	2.5	19
63	The Independent and Interactive Effects of Tree Establishment Competition and Fire on Savanna Structure and Dynamics. <i>American Naturalist</i> , 2010, 175, E44-E65.	2.1	36
64	Agent based models of language competition: macroscopic descriptions and order disorder transitions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P04007.	2.3	48
65	Broad lifetime distributions for ordering dynamics in complex networks. <i>Physical Review E</i> , 2009, 79, 016109.	2.1	28
66	Conservation laws for voter-like models on random directed networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P10024.	2.3	22
67	Gradual learning and the evolution of cooperation in the spatial Continuous Prisoner's Dilemma. <i>European Physical Journal B</i> , 2009, 71, 273-280.	1.5	17
68	Collective Phenomena in Complex Social Networks. <i>Understanding Complex Systems</i> , 2009, , 189-199.	0.6	0
69	Generic Absorbing Transition in Coevolution Dynamics. <i>Physical Review Letters</i> , 2008, 100, 108702.	7.8	207
70	MODELLING LANGUAGE COMPETITION: BILINGUALISM AND COMPLEX SOCIAL NETWORKS. , 2008, , .		7
71	Anomalous lifetime distributions and topological traps in ordering dynamics. <i>Europhysics Letters</i> , 2007, 79, 66006.	2.0	44
72	Time-scale competition leading to fragmentation and recombination transitions in the coevolution of network and states. <i>Physical Review E</i> , 2007, 76, 046120.	2.1	62

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73	Homophily, Cultural Drift, and the Co-Evolution of Cultural Groups. <i>Journal of Conflict Resolution</i> , 2007, 51, 905-929.	2.0	341
74	Microscopic Abrams&Strogatz model of language competition. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 374, 835-842.	2.6	68
75	Domain wall dynamics: Growth laws, localized structures and stable droplets. <i>European Physical Journal: Special Topics</i> , 2007, 146, 71-86.	2.6	7
76	The Fate of Bilingualism in a Model of Language Competition. , 2007, , 83-94.		11
77	Optical Image Processing in Second-Harmonic Generation. , 2007, , 167-200.		0
78	Local versus global interactions in nonequilibrium transitions: A model of social dynamics. <i>Physical Review E</i> , 2006, 73, 046119.	2.1	65
79	<title>Localized structures in nonlinear optical cavities</title>. , 2006, , .		1
80	Ordering dynamics with two non-excluding options: bilingualism in language competition. <i>New Journal of Physics</i> , 2006, 8, 308-308.	2.9	129
81	Two-mode dynamics in different semiconductor laser structures. , 2006, 6184, 38.		0
82	Analysis of attachment models for directory and file trees. <i>Physica D: Nonlinear Phenomena</i> , 2006, 224, 149-155.	2.8	3
83	Cooperation and the Emergence of Role Differentiation in the Dynamics of Social Networks. <i>American Journal of Sociology</i> , 2005, 110, 977-1008.	0.5	230
84	Globalization, polarization and cultural drift. <i>Journal of Economic Dynamics and Control</i> , 2005, 29, 321-334.	1.6	70
85	Use of nonlinear properties of intracavity type II second harmonic generation for image processing. <i>Applied Physics B: Lasers and Optics</i> , 2005, 81, 955-962.	2.2	3
86	Convection-induced nonlinear symmetry breaking in wave mixing. <i>Physical Review E</i> , 2005, 72, 025603.	2.1	16
87	Scaling in the Structure of Directory Trees in a Computer Cluster. <i>Physical Review Letters</i> , 2005, 95, 128701.	7.8	15
88	Binary and Multivariate Stochastic Models of Consensus Formation. <i>Computing in Science and Engineering</i> , 2005, 7, 67-73.	1.2	72
89	Voter model dynamics in complex networks: Role of dimensionality, disorder, and degree distribution. <i>Physical Review E</i> , 2005, 72, 036132.	2.1	201
90	Conservation laws for the voter model in complex networks. <i>Europhysics Letters</i> , 2005, 69, 228-234.	2.0	131

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91	Stable droplets and nucleation in asymmetric bistable nonlinear optical systems. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2004, 6, S265-S270.	1.4	12
92	Coevolution of dynamical states and interactions in dynamic networks. <i>Physical Review E</i> , 2004, 69, 065102.	2.1	449
93	Phase synchronization and polarization ordering of globally coupled oscillators. <i>Physical Review E</i> , 2004, 70, 035201.	2.1	5
94	Stochastic Polarization Switching Dynamics in Vertical-Cavity Surface-Emitting Lasers: Theory and Experiment. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2004, 10, 911-917.	2.9	19
95	Neighborhood models of minority opinion spreading. <i>European Physical Journal B</i> , 2004, 39, 535-544.	1.5	75
96	Non-classical behavior in multimode and disordered transverse structures in OPO. <i>European Physical Journal D</i> , 2003, 22, 461-471.	1.3	18
97	Quantum correlations close to a square pattern forming instability. <i>European Physical Journal D</i> , 2003, 22, 441-451.	1.3	2
98	Dynamics of defects in the vector complex Ginzburg-Landau equation. <i>Physica D: Nonlinear Phenomena</i> , 2003, 174, 176-197.	2.8	13
99	Role of dimensionality in Axelrod's model for the dissemination of culture. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 327, 1-5.	2.6	69
100	All-optical image processing with cavity type II second-harmonic generation. <i>Optics Letters</i> , 2003, 28, 1695.	3.3	17
101	Stable droplets and dark-ring cavity solitons in nonlinear optical devices. <i>IEEE Journal of Quantum Electronics</i> , 2003, 39, 238-244.	1.9	19
102	Polarization Message Encoding through Vectorial Chaos Synchronization in Vertical-Cavity Surface-Emitting Lasers. <i>Physical Review Letters</i> , 2003, 90, 113901.	7.8	40
103	Polarization quantum properties in a type-II optical parametric oscillator below threshold. <i>Physical Review A</i> , 2003, 68, .	2.5	7
104	Global culture: A noise-induced transition in finite systems. <i>Physical Review E</i> , 2003, 67, 045101.	2.1	146
105	Nonequilibrium transitions in complex networks: A model of social interaction. <i>Physical Review E</i> , 2003, 67, 026120.	2.1	169
106	Multiphoton multimode polarization entanglement in parametric down-conversion. <i>Physical Review A</i> , 2003, 68, .	2.5	54
107	Synchronization of vectorial noise-sustained structures. <i>Physical Review E</i> , 2003, 68, 036201.	2.1	9
108	Patterns arising from the interaction between scalar and vectorial instabilities in two-photon resonant Kerr cavities. <i>Physical Review E</i> , 2002, 65, 046620.	2.1	6

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109	Spatial behavior of light in second-harmonic generation. Physical Review A, 2002, 65, .	2.5	9
110	Twin beams, nonlinearity, and walk-off in optical parametric oscillators. Physical Review A, 2002, 66, .	2.5	13
111	Macroscopic quantum fluctuations in noise-sustained optical patterns. Physical Review A, 2002, 65, .	2.5	19
112	Quantum properties of transverse pattern formation in second-harmonic generation. Physical Review A, 2002, 66, .	2.5	16
113	Intensity and polarization self-pulsations in VCSELs. , 2002, , .		1
114	Vectorial chaos synchronization and polarization encoding in self-pulsating VCSELs. , 2002, 4646, 227.		0
115	Intensity and polarization self-pulsations in vertical-cavity surface-emitting lasers. Optics Letters, 2002, 27, 391.	3.3	13
116	Polarization patterns and vectorial defects in type-II optical parametric oscillators. Physical Review E, 2002, 65, 036610.	2.1	19
117	Polarization coupling and pattern selection in a type-II optical parametric oscillator. Physical Review E, 2002, 66, 036228.	2.1	3
118	Dark ring cavity solitons and stable droplets in models of nonlinear optical cavities. , 2002, , .		0
119	Transverse and polarization mode selection in VCSELs. , 2001, 4283, 139.		3
120	Stable Droplets and Growth Laws Close to the Modulational Instability of a Domain Wall. Physical Review Letters, 2001, 87, 194101.	7.8	54
121	Two-Photon Cavity Solitons in Active Optical Media. Physical Review Letters, 2001, 87, 083902.	7.8	32
122	Polarization resolved intensity noise in vertical-cavity surface-emitting lasers. Physical Review A, 2001, 64, .	2.5	33
123	Transition from oscillatory to excitable regime in a system forced at three times its natural frequency. Physical Review E, 2001, 64, 056218.	2.1	17
124	Phase-locked spatial domains and Bloch domain walls in type-II optical parametric oscillators. Physical Review E, 2001, 64, 056231.	2.1	17
125	Cooperation, Adaptation and the Emergence of Leadership. Lecture Notes in Economics and Mathematical Systems, 2001, , 73-86.	0.3	37
126	Localized Structures and Circular Domain Walls in a Vectorial Kerr Cavity. , 2001, , .		0

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127	Period stabilization in the Busse-Heikes model of the $\frac{1}{4}$ ppers-Lortz instability. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 280, 315-336.	2.6	5
128	Combined effects of semiconductor gain dynamics, spin dynamics, and thermal shift in polarization selection in VCSELS. , 2000, 3944, 242.		7
129	Quantum fluctuations in a continuous vectorial Kerr medium model. <i>Physical Review A</i> , 2000, 62, .	2.5	38
130	Order parameter description of walk-off effect on pattern selection in degenerate optical parametric oscillators. <i>Physical Review E</i> , 2000, 61, 2133-2136.	2.1	22
131	Stochastic Spatiotemporal Intermittency and Noise-Induced Transition to an Absorbing Phase. <i>Physical Review Letters</i> , 2000, 85, 3612-3615.	7.8	33
132	Dynamics of Localized Structures in Vectorial Waves. <i>Physical Review Letters</i> , 2000, 85, 744-747.	7.8	20
133	Self-similar domain growth, localized structures, and labyrinthine patterns in vectorial Kerr resonators. <i>Physical Review E</i> , 2000, 61, 2241-2244.	2.1	50
134	Bloch domain walls in type II optical parametric oscillators. <i>Optics Letters</i> , 2000, 25, 1454.	3.3	34
135	Stochastic Effects in Physical Systems. <i>Nonlinear Phenomena and Complex Systems</i> , 2000, , 35-127.	0.0	92
136	Space inversion symmetry breaking and pattern selection in nonlinear optics. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 1999, 1, 191-197.	1.4	4
137	Spatial pump-meter quantum correlations in a vectorial Kerr-medium model. <i>Physical Review A</i> , 1999, 59, 1622-1632.	2.5	8
138	SPATIOTEMPORAL CHAOS, LOCALIZED STRUCTURES AND SYNCHRONIZATION IN THE VECTOR COMPLEX GINZBURG-LANDAU EQUATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1999, 09, 2257-2264.	1.7	17
139	Domain growth and coarsening inhibition in a nonpotential system. <i>Computer Physics Communications</i> , 1999, 121-122, 324-326.	7.5	1
140	Defect-freezing and defect-unbinding in the vector complex Ginzburg-Landau equation. <i>Computer Physics Communications</i> , 1999, 121-122, 414-419.	7.5	12
141	Polarization dynamics of optically pumped VCSELS. <i>IEEE Journal of Quantum Electronics</i> , 1999, 35, 342-351.	1.9	95
142	Convective and absolute instabilities in the subcritical Ginzburg-Landau equation. <i>European Physical Journal B</i> , 1999, 11, 517-524.	1.5	7
143	Self-pulsating semiconductor lasers: theory and experiment. <i>IEEE Journal of Quantum Electronics</i> , 1999, 35, 764-770.	1.9	47
144	Pattern formation in the presence of walk-off for a type II optical parametric oscillator. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1999, 16, 1592.	2.1	28

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145	Spatial and Polarization Dynamics of Semiconductor Lasers. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 2012.	2.1	0
146	Introduction. Optics Express, 1999, 5, 28.	3.4	0
147	Mechanisms of polarization switching in single-transverse-mode vertical-cavity surface-emitting lasers: thermal shift and nonlinear semiconductor dynamics. Optics Letters, 1999, 24, 1121.	3.3	92
148	Domain growth in a multivariable nonpotential system. Physica A: Statistical Mechanics and Its Applications, 1998, 257, 207-212.	2.6	2
149	Walk-off and pattern selection in optical parametric oscillators. Optics Letters, 1998, 23, 1167.	3.3	48
150	Growth dynamics of noise-sustained structures in nonlinear optical resonators. Optics Express, 1998, 3, 63.	3.4	7
151	Polarization properties of optically pumped VCSELs in a transverse magnetic field. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1998, 10, L1-L5.	0.9	4
152	Fronts, domain growth, and dynamical scaling in $d=1$ nonpotential system. Physical Review E, 1998, 58, 3125-3134.	2.1	7
153	Polarization patterns in Kerr media. Physical Review E, 1998, 58, 2992-3007.	2.1	47
154	Polarization partition noise and intensity fluctuation linewidth in a nearly symmetric vector laser. Physical Review A, 1998, 57, 3843-3857.	2.5	6
155	Fluctuations and correlations in the polarization patterns of a Kerr medium. Physical Review E, 1998, 58, 74-79.	2.1	5
156	Two-dimensional noise-sustained structures in optical parametric oscillators. Physical Review E, 1998, 58, 3843-3853.	2.1	48
157	Polarization dynamics of birefringent index-guided vertical-cavity surface-emitting lasers. , 1998, , .		4
158	Synchronization of Spatiotemporal Chaos: The Regime of Coupled Spatiotemporal Intermittency. Physical Review Letters, 1997, 78, 4379-4382.	7.8	80
159	Wound-up phase turbulence in the complex Ginzburg-Landau equation. Physical Review E, 1997, 56, 151-167.	2.1	47
160	Noise-Sustained Convective Structures in Nonlinear Optics. Physical Review Letters, 1997, 79, 3633-3636.	7.8	92
161	Polarization and transverse-mode selection in quantum-well vertical-cavity surface-emitting lasers: index- and gain-guided devices. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1997, 9, 713-736.	0.9	51
162	Isotropic and squeezed colored pump noise effects on the degenerate parametric oscillator. Physical Review A, 1997, 55, 2245-2253.	2.5	6

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163	Polarization and transverse-mode dynamics of gain-guided vertical-cavity surface-emitting lasers. Optics Letters, 1997, 22, 460.	3.3	56
164	Polarization properties of vertical-cavity surface-emitting lasers. IEEE Journal of Quantum Electronics, 1997, 33, 765-783.	1.9	468
165	Frequency dynamics of gain-switched injection-locked semiconductor lasers. IEEE Journal of Quantum Electronics, 1997, 33, 1537-1542.	1.9	26
166	Vector vortices and polarization state of low-order transverse modes in a VCSEL. Optics Communications, 1997, 143, 133-146.	2.1	26
167	Dynamical polarization states above the instability threshold for circularly polarized laser emission. Optics Communications, 1997, 138, 305-310.	2.1	5
168	Modulation response of quantum-well lasers with carrier transport effects under weak optical feedback. IEEE Photonics Technology Letters, 1996, 8, 861-863.	2.5	4
169	Polarization switching in quantum-well vertical-cavity surface-emitting lasers. Optics Letters, 1996, 21, 351.	3.3	97
170	Travelling wave model of a multimode Fabry-Perot laser in free running and external cavity configurations. IEEE Journal of Quantum Electronics, 1996, 32, 553-566.	1.9	47
171	Optical feedback on self-pulsating semiconductor lasers. IEEE Journal of Quantum Electronics, 1996, 32, 1191-1202.	1.9	30
172	Polarization state selection and switching in VCSELs. , 1996, 2693, 213.		1
173	<title>Polarization properties and transverse mode characteristics in quantum well vertical cavity surface-emitting lasers</title>. , 1996, , .		1
174	Numerical study of a Lyapunov functional for the complex Ginzburg-Landau equation. Physica D: Nonlinear Phenomena, 1996, 96, 47-65.	2.8	30
175	Mode competition in a Fabry-Perot semiconductor laser: travelling wave model with asymmetric dynamical gain. Optics Communications, 1996, 131, 380-390.	2.1	20
176	Noise-sustained structures in coupled complex Ginzburg-Landau equations for a convectively unstable system. Physical Review E, 1996, 54, 6344-6355.	2.1	14
177	Wave-Unlocking Transition in Resonantly Coupled Complex Ginzburg-Landau Equations. Physical Review Letters, 1996, 76, 1956-1959.	7.8	13
178	Winding Number Instability in the Phase-Turbulence Regime of the Complex Ginzburg-Landau Equation. Physical Review Letters, 1996, 77, 267-270.	7.8	40
179	Mode control and pattern stabilization in broad-area lasers by optical feedback. Physical Review A, 1996, 54, 5386-5393.	2.5	44
180	Transient evolution of the field power spectrum during the switch-on of a detuned laser. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1996, 8, 405-412.	0.9	0

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181	Polarization state selection and stability in a laser with a polarization-isotropic resonator; an example of no lasing despite inversion above threshold. Optics Communications, 1995, 117, 344-356.	2.1	50
182	Polarization state selection and stability in a laser with a polarization-isotropic resonator; an example of no lasing despite inversion above threshold (Optics Comm. 117 (1995) 244). Optics Communications, 1995, 121, 168.	2.1	8
183	Phase Instabilities in the Laser Vector Complex Ginzburg-Landau Equation. Physical Review Letters, 1995, 75, 425-428.	7.8	73
184	Light-polarization dynamics in surface-emitting semiconductor lasers. Physical Review A, 1995, 52, 1728-1739.	2.5	594
185	Statistical properties of the spectrum of light pulses in fast pseudorandom word modulation of a single-mode semiconductor laser. IEEE Journal of Quantum Electronics, 1995, 31, 1401-1408.	1.9	14
186	Transients in multivariable dynamical systems depend on which parameter is switched as illustrated in lasers. Physical Review Letters, 1994, 72, 3510-3513.	7.8	26
187	Multiple front propagation into unstable states. Physical Review E, 1994, 50, 377-385.	2.1	5
188	Transient dynamics of a laser under a fluctuating weak external field. Optics Communications, 1994, 109, 435-440.	2.1	15
189	Turn-on jitter of external-cavity semiconductor lasers. IEEE Journal of Quantum Electronics, 1994, 30, 241-248.	1.9	23
190	Semiconductor lasers with weak optical feedback: spectral properties and frequency-dependent losses. Optics Letters, 1993, 18, 1329.	3.3	3
191	Dependence of timing jitter on bias level for single-mode semiconductor lasers under high speed operations. IEEE Journal of Quantum Electronics, 1993, 29, 23-32.	1.9	44
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