

Angel Snchez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189
papers

5,363
citations

37
h-index

65
g-index

198
ext. papers

5,918
ext. citations

3.3
avg, IF

5.76
L-index

#	Paper	IF	Citations
189	Beyond Dunbar circles: a continuous description of social relationships and resource allocation.. <i>Scientific Reports</i> , 2022 , 12, 2287	4.9	1
188	Ethnic markers and the emergence of group-specific norms: an experiment.. <i>Scientific Reports</i> , 2022 , 12, 5068	4.9	
187	Gossip and competitive altruism support cooperation in a Public Good game. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021 , 376, 20200303	5.8	7
186	Framing in multiple public goods games and donation to charities. <i>Royal Society Open Science</i> , 2021 , 8, 202117	3.3	1
185	Evolution of social relationships between first-year students at middle school: from cliques to circles. <i>Scientific Reports</i> , 2021 , 11, 11694	4.9	0
184	An experimental characterization of workers' behavior and accuracy in crowdsourced tasks. <i>PLoS ONE</i> , 2021 , 16, e0252604	3.7	0
183	Integration and diversity. <i>Experimental Economics</i> , 2021 , 24, 387-413	2.1	
182	Evidence from a long-term experiment that collective risks change social norms and promote cooperation. <i>Nature Communications</i> , 2021 , 12, 5452	17.4	6
181	Grounding Social Foundations for Integrated Assessment Models of Climate Change. <i>Earth& Future</i> , 2020 , 8, e2020EF001573	7.9	4
180	Understanding drivers when investing for impact: an experimental study. <i>Palgrave Communications</i> , 2020 , 6,	5.3	1
179	Ethnic markers and the emergence of group-specific norms. <i>Scientific Reports</i> , 2020 , 10, 22219	4.9	1
178	Complex networks to understand the past: the case of roads in Bourbon Spain. <i>Cliometrica</i> , 2020 , 15, 1-58	1.5	4
177	Cooperation, social norm internalization, and hierarchical societies. <i>Scientific Reports</i> , 2020 , 10, 15359	4.9	2
176	Effect of network topology and node centrality on trading. <i>Scientific Reports</i> , 2020 , 10, 11113	4.9	2
175	Competing for congestible goods: experimental evidence on parking choice. <i>Scientific Reports</i> , 2020 , 10, 20803	4.9	1
174	An experimental study of network effects on coordination in asymmetric games. <i>Scientific Reports</i> , 2019 , 9, 6842	4.9	4
173	Group size effects and critical mass in public goods games. <i>Scientific Reports</i> , 2019 , 9, 5503	4.9	17

172	Large scale and information effects on cooperation in public good games. <i>Scientific Reports</i> , 2019 , 9, 15023	4.9	2
171	Intergenerational cooperation within the household: a Public Good game with three generations. <i>Review of Economics of the Household</i> , 2019 , 17, 535-552	2.6	4
170	Physics of human cooperation: experimental evidence and theoretical models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018 , 2018, 024001	1.9	17
169	Quantitative account of social interactions in a mental health care ecosystem: cooperation, trust and collective action. <i>Scientific Reports</i> , 2018 , 8, 3794	4.9	5
168	Equal status in Ultimatum Games promotes rational sharing. <i>Scientific Reports</i> , 2018 , 8, 1222	4.9	1
167	Collaborative hierarchy maintains cooperation in asymmetric games. <i>Scientific Reports</i> , 2018 , 8, 5375	4.9	5
166	Cognitive resource allocation determines the organization of personal networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8316-8321	11.5	25
165	Cooperation on dynamic networks within an uncertain reputation environment. <i>Scientific Reports</i> , 2018 , 8, 9093	4.9	6
164	Resource heterogeneity leads to unjust effort distribution in climate change mitigation. <i>PLoS ONE</i> , 2018 , 13, e0204369	3.7	13
163	Equilibrium characterization of networks under conflicting preferences. <i>Economics Letters</i> , 2017 , 155, 154-156	1.3	6
162	The emergence of altruism as a social norm. <i>Scientific Reports</i> , 2017 , 7, 9684	4.9	4
161	Humans expect generosity. <i>Scientific Reports</i> , 2017 , 7, 42446	4.9	28
160	Equilibria, information and frustration in heterogeneous network games with conflicting preferences. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017 , 2017, 113403	1.9	11
159	Improving transportation networks: Effects of population structure and decision making policies. <i>Scientific Reports</i> , 2017 , 7, 4498	4.9	7
158	Humans display a reduced set of consistent behavioral phenotypes in dyadic games. <i>Science Advances</i> , 2016 , 2, e1600451	14.3	48
157	Cooperation Survives and Cheating Pays in a Dynamic Network Structure with Unreliable Reputation. <i>Scientific Reports</i> , 2016 , 6, 27160	4.9	17
156	Emotions and Strategic Behaviour: The Case of the Ultimatum Game. <i>PLoS ONE</i> , 2016 , 11, e0158733	3.7	3
155	Reputation drives cooperative behaviour and network formation in human groups. <i>Scientific Reports</i> , 2015 , 5, 7843	4.9	80

154	Theory must be informed by experiments (and back): Comment on "Universal scaling for the dilemma strength in evolutionary games", by Z. Wang et al. <i>Physics of Life Reviews</i> , 2015 , 14, 52-3	2.1	4
153	Hierarchy is Detrimental for Human Cooperation. <i>Scientific Reports</i> , 2015 , 5, 18634	4.9	14
152	Short-range mobility and the evolution of cooperation: an experimental study. <i>Scientific Reports</i> , 2015 , 5, 10282	4.9	12
151	Dynamics to equilibrium in network games: individual behavior and global response. <i>PLoS ONE</i> , 2015 , 10, e0120343	3.7	14
150	How Evolutionary Dynamics Affects Network Reciprocity in Prisoner's Dilemma. <i>Jasss</i> , 2015 , 18,	4.8	11
149	Transition from reciprocal cooperation to persistent behaviour in social dilemmas at the end of adolescence. <i>Nature Communications</i> , 2014 , 5, 4362	17.4	29
148	Global information and mobility support coordination among humans. <i>Scientific Reports</i> , 2014 , 4, 6458	4.9	9
147	A comparative analysis of spatial Prisoner's Dilemma experiments: conditional cooperation and payoff irrelevance. <i>Scientific Reports</i> , 2014 , 4, 4615	4.9	74
146	Social imitation versus strategic choice, or consensus versus cooperation, in the networked Prisoner's Dilemma. <i>Physical Review E</i> , 2014 , 90, 022810	2.4	27
145	Learning dynamics explains human behaviour in prisoner's dilemma on networks. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20131186	4.1	31
144	Crowd Computing as a Cooperation Problem: An Evolutionary Approach. <i>Journal of Statistical Physics</i> , 2013 , 151, 654-672	1.5	3
143	Heterogeneous network games: Conflicting preferences. <i>Games and Economic Behavior</i> , 2013 , 79, 56-66	1.1	18
142	Diversity-induced resonance in the response to social norms. <i>Physical Review E</i> , 2013 , 87, 022803	2.4	11
141	Reputation-Based Mechanisms for Evolutionary Master-Worker Computing. <i>Lecture Notes in Computer Science</i> , 2013 , 98-113	0.9	6
140	Applying the dynamics of evolution to achieve reliability in master-worker computing. <i>Concurrency Computation Practice and Experience</i> , 2013 , 25, 2363-2380	1.4	16
139	Towards a proper assignment of systemic risk: the combined roles of network topology and shock characteristics. <i>PLoS ONE</i> , 2013 , 8, e77526	3.7	15
138	Gender differences in cooperation: experimental evidence on high school students. <i>PLoS ONE</i> , 2013 , 8, e83700	3.7	32
137	On the coexistence of cooperators, defectors and conditional cooperators in the multiplayer iterated Prisoner's Dilemma. <i>Journal of Theoretical Biology</i> , 2012 , 300, 299-308	2.3	13

136	Heterogeneous networks do not promote cooperation when humans play a Prisoner's Dilemma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 12922-6	11.5	232
135	A complex systems approach to constructing better models for managing financial markets and the economy. <i>European Physical Journal: Special Topics</i> , 2012 , 214, 295-324	2.3	64
134	Manifesto of computational social science. <i>European Physical Journal: Special Topics</i> , 2012 , 214, 325-346	2.3	193
133	Individual Strategy Update and Emergence of Cooperation in Social Networks. <i>Journal of Mathematical Sociology</i> , 2012 , 36, 1-21	1.2	15
132	Generosity pays in the presence of direct reciprocity: a comprehensive study of 2 \times 2 repeated games. <i>PLoS ONE</i> , 2012 , 7, e35135	3.7	18
131	Empathy emerges spontaneously in the ultimatum game: small groups and networks. <i>PLoS ONE</i> , 2012 , 7, e43781	3.7	22
130	SOCIAL DYNAMICS AND COOPERATION: THE CASE OF NONHUMAN PRIMATES AND ITS IMPLICATIONS FOR HUMAN BEHAVIOR. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012 , 15, 1250066	0.8	20
129	Human behavior in Prisoner's Dilemma experiments suppresses network reciprocity. <i>Scientific Reports</i> , 2012 , 2, 325	4.9	70
128	Three is a crowd in iterated prisoner's dilemmas: experimental evidence on reciprocal behavior. <i>Scientific Reports</i> , 2012 , 2, 638	4.9	39
127	Social and strategic imitation: the way to consensus. <i>Scientific Reports</i> , 2012 , 2, 686	4.9	30
126	Evolutionary games defined at the network mesoscale: the Public Goods game. <i>Chaos</i> , 2011 , 21, 016113	3.3	94
125	Chaos and unpredictability in evolutionary dynamics in discrete time. <i>Physical Review Letters</i> , 2011 , 107, 038101	7.4	24
124	Disentangling social and group heterogeneities: Public Goods games on complex networks. <i>Europhysics Letters</i> , 2011 , 95, 68003	1.6	54
123	The spatial Ultimatum game revisited. <i>Journal of Theoretical Biology</i> , 2011 , 278, 1-10	2.3	39
122	Random topologies and the emergence of cooperation: the role of short-cuts. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P04019	1.9	7
121	Coordination and growth: the Stag Hunt game on evolutionary networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P05008	1.9	13
120	TURNOUT INTENTION AND RANDOM SOCIAL NETWORKS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2011 , 14, 31-53	0.8	2
119	Sine-Gordon wobbles through Bäcklund transformations. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2011 , 4, 1047-1056	2.8	10

118	Co-evolution of strategies and update rules in the prisoner's dilemma game on complex networks. <i>New Journal of Physics</i> , 2010 , 12, 103034	2.9	45
117	Social experiments in the mesoscale: humans playing a spatial prisoner's dilemma. <i>PLoS ONE</i> , 2010 , 5, e13749	3.7	158
116	Topological traps control flow on real networks: the case of coordination failures. <i>PLoS ONE</i> , 2010 , 5, e15210	3.7	20
115	Effect of spatial structure on the evolution of cooperation. <i>Physical Review E</i> , 2009 , 80, 046106	2.4	139
114	Cooperative scale-free networks despite the presence of defector hubs. <i>Europhysics Letters</i> , 2009 , 88, 38003	1.6	53
113	Evolving learning rules and emergence of cooperation in spatial prisoner's dilemma. <i>Journal of Theoretical Biology</i> , 2009 , 259, 84-95	2.3	55
112	The shared reward dilemma on structured populations. <i>Journal of Economic Interaction and Coordination</i> , 2009 , 4, 183-193	1.1	5
111	Evolutionary game theory: Temporal and spatial effects beyond replicator dynamics. <i>Physics of Life Reviews</i> , 2009 , 6, 208-49	2.1	507
110	Promotion of cooperation on networks? The myopic best response case. <i>European Physical Journal B</i> , 2009 , 71, 587-595	1.2	39
109	Imperfect imitation can enhance cooperation. <i>Europhysics Letters</i> , 2009 , 87, 48005	1.6	27
108	Complex cooperative networks from evolutionary preferential attachment. <i>PLoS ONE</i> , 2008 , 3, e2449	3.7	146
107	Hawking-like emission in kink-soliton escape from a potential well. <i>New Journal of Physics</i> , 2008 , 10, 113015	1.5	11
106	Mesoscopic structure conditions the emergence of cooperation on social networks. <i>PLoS ONE</i> , 2008 , 3, e1892	3.7	90
105	Community connectivity and heterogeneity: clues and insights on cooperation on social networks. <i>Journal of Economic Interaction and Coordination</i> , 2008 , 3, 183-199	1.1	11
104	Emergence and resilience of cooperation in the spatial prisoner's dilemma via a reward mechanism. <i>Journal of Theoretical Biology</i> , 2008 , 250, 475-83	2.3	73
103	The shared reward dilemma. <i>Journal of Theoretical Biology</i> , 2008 , 251, 253-63	2.3	18
102	Modelling disorder: the cases of wetting and DNA denaturation. <i>European Physical Journal B</i> , 2007 , 56, 253-258	1.2	6
101	The importance of selection rate in the evolution of cooperation. <i>European Physical Journal: Special Topics</i> , 2007 , 143, 51-58	2.3	4

100	Kink dynamics in spatially inhomogeneous media: the role of internal modes. <i>Physical Review E</i> , 2007 , 75, 036611	2.4	20
99	Reply to Comment on Existence of internal modes of sine-Gordon kinks <i>Physical Review E</i> , 2006 , 73,	2.4	3
98	Time scales in evolutionary dynamics. <i>Physical Review Letters</i> , 2006 , 97, 158701	7.4	144
97	On the discrete Peyrard-Bishop model of DNA: stationary solutions and stability. <i>Chaos</i> , 2006 , 16, 023123	3.3	7
96	Inhomogeneous soliton ratchets under two ac forces. <i>Physical Review E</i> , 2006 , 73, 046605	2.4	7
95	Soliton ratchets in homogeneous nonlinear Klein-Gordon systems. <i>Chaos</i> , 2006 , 16, 013117	3.3	34
94	Does the dynamics of sine-Gordon solitons predict active regions of DNA?. <i>Physica D: Nonlinear Phenomena</i> , 2006 , 223, 214-221	3.3	15
93	Phase transition in tensionless surfaces. <i>Biophysical Chemistry</i> , 2005 , 115, 187-93	3.5	5
92	Altruism may arise from individual selection. <i>Journal of Theoretical Biology</i> , 2005 , 235, 233-40	2.3	82
91	Ratchet behavior in nonlinear Klein-Gordon systems with pointlike inhomogeneities. <i>Physical Review E</i> , 2005 , 72, 016612	2.4	23
90	Length scale competition in nonlinear Klein-Gordon models: a collective coordinate approach. <i>Chaos</i> , 2005 , 15, 23502	3.3	10
89	Super-roughening as a disorder-dominated flat phase. <i>Europhysics Letters</i> , 2004 , 66, 552-558	1.6	3
88	Equilibrium roughening transition in a one-dimensional modified sine-Gordon model. <i>Physical Review E</i> , 2004 , 70, 061607	2.4	6
87	Nonlinear excitations in DNA: aperiodic models versus actual genome sequences. <i>Physical Review E</i> , 2004 , 70, 051903	2.4	22
86	RATCHETS IN HOMOGENEOUS EXTENDED SYSTEMS: INTERNAL MODES AND THE ROLE OF NOISE. <i>Fluctuation and Noise Letters</i> , 2004 , 04, L571-L584	1.2	2
85	General Non-Existence Theorem for Phase Transitions in One-Dimensional Systems with Short Range Interactions, and Physical Examples of Such Transitions. <i>Journal of Statistical Physics</i> , 2004 , 115, 869-893	1.5	80
84	DISORDER AND FLUCTUATIONS IN NONLINEAR EXCITATIONS IN DNA. <i>Fluctuation and Noise Letters</i> , 2004 , 04, L491-L504	1.2	22
83	Soliton ratchets out of point-like inhomogeneities. <i>European Physical Journal B</i> , 2003 , 37, 79-83	1.2	16

82	Internal mode mechanism for collective energy transport in extended systems. <i>Physical Review Letters</i> , 2003 , 91, 234102	7.4	50
81	Apparent phase transitions in finite one-dimensional sine-Gordon lattices. <i>Physical Review E</i> , 2003 , 67, 046108	2.4	9
80	A theorem on the absence of phase transitions in one-dimensional growth models with on-site periodic potentials. <i>Journal of Physics A</i> , 2002 , 35, 2373-2377		10
79	Internal mode dynamics in driven nonlinear Klein-Gordon systems. <i>European Physical Journal B</i> , 2001 , 19, 107-115	1.2	7
78	Selection, shape, and relaxation of fronts: a numerical study of the effects of inertia. <i>Physical Review E</i> , 2001 , 63, 056608	2.4	12
77	Anomalies of ac driven solitary waves with internal modes: nonparametric resonances induced by parametric forces. <i>Physical Review E</i> , 2001 , 64, 046601	2.4	8
76	Soliton diffusion on the classical, isotropic Heisenberg chain. <i>European Physical Journal B</i> , 2001 , 20, 405-417		13
75	Thermal diffusion of sine-Gordon solitons. <i>European Physical Journal B</i> , 2000 , 16, 361-368	1.2	15
74	Anomalous resonance phenomena of solitary waves with internal modes. <i>Physical Review Letters</i> , 2000 , 84, 871-4	7.4	37
73	Resonances in the dynamics of straight $\phi(4)$ kinks perturbed by ac forces. <i>Physical Review E</i> , 2000 , 62, 5695-705	2.4	46
72	Lattice model for kinetics and grain-size distribution in crystallization. <i>Physical Review B</i> , 2000 , 61, 6579-6586		13
71	Existence of internal modes of sine-gordon kinks. <i>Physical Review E</i> , 2000 , 62, R60-3	2.4	25
70	Multiparticle biased diffusion-limited aggregation with surface diffusion: A comprehensive model of electrodeposition. <i>Physical Review E</i> , 2000 , 62, 161-73	2.4	38
69	Roughening and super-roughening in the ordered and random two-dimensional sine-gordon models. <i>Physical Review E</i> , 2000 , 62, 3219-29	2.4	11
68	External fluctuations in front dynamics with inertia: The overdamped limit. <i>European Physical Journal B</i> , 2000 , 16, 127-131	1.2	15
67	Overdamped sine-Gordon kink in a thermal bath. <i>Physical Review E</i> , 1999 , 60, 222-30	2.4	13
66	Model for crystallization kinetics: Deviations from Kolmogorov-Johnson-Mehl-Avrami kinetics. <i>Applied Physics Letters</i> , 1999 , 75, 2205-2207	3.4	39
65	Stochastic vortex dynamics in two-dimensional easy-plane ferromagnets: Multiplicative versus additive noise. <i>Physical Review B</i> , 1999 , 59, 11349-11357	3.3	37

64	Finite temperature dynamics of vortices in the two dimensional anisotropic Heisenberg model. <i>European Physical Journal B</i> , 1999 , 7, 607-618	1.2	10
63	Dephasing effects induced by weak disorder in superlattices. <i>Microelectronic Engineering</i> , 1998 , 43-44, 117-123	2.5	10
62	Crystalline lattice effects on tensionless surface dynamics. <i>Microelectronic Engineering</i> , 1998 , 43-44, 497-505	2.5	10
61	ac driven sine-Gordon solitons: dynamics and stability. <i>European Physical Journal B</i> , 1998 , 6, 133-142	1.2	31
60	Coherent carrier dynamics in semiconductor superlattices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998 , 240, 109-111	2.3	15
59	dc motion of ac driven sine-Gordon solitons. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998 , 247, 161-166	2.3	10
58	Collective Coordinates and Length-Scale Competition in Spatially Inhomogeneous Soliton-Bearing Equations. <i>SIAM Review</i> , 1998 , 40, 579-615	7.4	68
57	Rabi oscillations in semiconductor superlattices. <i>Physical Review B</i> , 1998 , 58, 1146-1149	3.3	15
56	Noise effects on synchronized globally coupled oscillators. <i>Europhysics Letters</i> , 1998 , 44, 409-415	1.6	3
55	Anomalous scaling in a nonlocal growth model in the Kardar-Parisi-Zhang universality class. <i>Physical Review E</i> , 1998 , 57, R2491-R2494	2.4	41
54	Growth Dynamics of Crystalline Tensionless Surfaces. <i>Physical Review Letters</i> , 1997 , 78, 4982-4985	7.4	6
53	Mode locking in discrete soliton dynamics under ac forces. <i>Physical Review B</i> , 1997 , 56, 87-90	3.3	12
52	Extended states and dynamical localization in semiconductor superlattices. <i>Journal of Applied Physics</i> , 1997 , 81, 777-780	2.5	10
51	Excitations in one-dimensional lattices with traps: Exact results and simulations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997 , 227, 381-386	2.3	3
50	Miniband landscape of disordered dimer superlattices. <i>Physica D: Nonlinear Phenomena</i> , 1997 , 107, 166-170	3.3	4
49	Zero temperature landscape of the random sine-Gordon model. <i>Physica D: Nonlinear Phenomena</i> , 1997 , 107, 326-329	3.3	3
48	High conductance in random superlattices with correlated disorder. <i>Solid-State Electronics</i> , 1996 , 40, 433-436	1.7	3
47	Effective nonlinear model of resonant tunneling nanostructures. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996 , 215, 103-107	2.3	12

46	Electron dynamics in intentionally disordered semiconductor superlattices. <i>Physical Review B</i> , 1996 , 54, 14550-14559	3.3	12
45	Dynamical phenomena in Fibonacci semiconductor superlattices. <i>Physical Review B</i> , 1996 , 54, 16792-16798	3.3	27
44	Kink Drift in Oscillating Fields. <i>Physical Review Letters</i> , 1996 , 77, 582	7.4	20
43	Nonlinear resonant tunnelling through double-barrier structures. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995 , 198, 403-406	2.3	13
42	Soliton pinning by long-range order in aperiodic systems. <i>Physical Review E</i> , 1995 , 52, R2183-R2186	2.4	25
41	Roughening transitions of driven surface growth. <i>Physical Review B</i> , 1995 , 51, 14664-14668	3.3	7
40	Three-dimensional effects on extended states in disordered models of polymers. <i>Physical Review B</i> , 1995 , 51, 8115-8124	3.3	17
39	Incoherent exciton trapping in self-similar aperiodic lattices. <i>Physical Review B</i> , 1995 , 51, 878-882	3.3	9
38	Explanation of delocalization in the continuous random-dimer model. <i>Physical Review B</i> , 1995 , 51, 6769-6772	3.3	25
37	Thomas-Fermi approach to resonant tunneling in doped diodes. <i>Journal of Applied Physics</i> , 1995 , 77, 4816-4818	2.5	1
36	Smoothing of rough surfaces. <i>Physical Review B</i> , 1995 , 52, 5433-5444	3.3	5
35	Excitation decay in one-dimensional disordered systems with paired traps. <i>Physical Review B</i> , 1995 , 51, 173-178	3.3	10
34	Self-consistent analysis of electric field effects on Si delta -doped GaAs. <i>Semiconductor Science and Technology</i> , 1995 , 10, 1303-1309	1.8	34
33	. <i>IEEE Journal of Quantum Electronics</i> , 1995 , 31, 1919-1926	2	20
32	Enhanced suppression of localization in a continuous random-dimer model. <i>Journal of Physics A</i> , 1994 , 27, 3725-3730		36
31	Localization of relativistic electrons in a one-dimensional disordered system. <i>Journal of Physics A</i> , 1994 , 27, 3285-3291		10
30	Energy spectra of quasiperiodic systems via information entropy. <i>Physical Review E</i> , 1994 , 50, R679-R682	2.4	24
29	Absence of localization and large dc conductance in random superlattices with correlated disorder. <i>Physical Review B</i> , 1994 , 50, 14359-14367	3.3	48

28	Possible soliton motion in ac-driven damped nonlinear lattices. <i>Physical Review B</i> , 1994 , 50, 9652-9655	3.3	11
27	Exciton trapping in one-dimensional systems with correlated disorder. <i>Physical Review B</i> , 1994 , 49, 3839-3843	3.3	19
26	Optical absorption in paired correlated random lattices. <i>Physical Review B</i> , 1994 , 50, 6453-6456	3.3	11
25	Suppression of localization in Kronig-Penney models with correlated disorder. <i>Physical Review B</i> , 1994 , 49, 147-157	3.3	136
24	Quasi-ballistic-electron transport in random superlattices. <i>Physical Review B</i> , 1994 , 50, 17736-17739	3.3	32
23	Kink stability, propagation, and length-scale competition in the periodically modulated sine-Gordon equation. <i>Physical Review E</i> , 1994 , 49, 4603-4615	2.4	22
22	Multiparticle aggregation model for dendritic growth applied to experiments on amorphous Co-P alloys. <i>Physical Review E</i> , 1994 , 50, 2427-2430	2.4	14
21	Effects of the electronic structure on the dc conductance of Fibonacci superlattices. <i>Physical Review B</i> , 1994 , 49, 9503-9510	3.3	52
20	Delocalized vibrations in classical random chains. <i>Physical Review B</i> , 1993 , 48, 6054-6057	3.3	62
19	Growth and forms of Laplacian aggregates. <i>Physical Review E</i> , 1993 , 48, 1296-1304	2.4	22
18	Phase transitions in two-dimensional traffic-flow models. <i>Physical Review E</i> , 1993 , 48, R4175-R4178	2.4	146
17	Length-scale competition in the damped sine-Gordon chain with spatiotemporal periodic driving. <i>Physical Review E</i> , 1993 , 48, 1447-1452	2.4	9
16	Two and Many Impurity Effects in Soliton Dynamics. <i>NATO ASI Series Series B: Physics</i> , 1993 , 117-120		
15	Kink decay in a parametrically driven ϕ^4 chain. <i>Physical Review A</i> , 1992 , 45, 1207-1212	2.6	19
14	Kink propagation through disordered media. <i>Physical Review A</i> , 1992 , 45, 8867-8873	2.6	15
13	Sine-Gordon kink-antikink generation on spatially periodic potentials. <i>Physical Review A</i> , 1992 , 45, R5369-R5372	2.6	26
12	Multifractal patterns formed by laser irradiation in GeAl thin multilayer films. <i>Physical Review B</i> , 1992 , 46, 487-490	3.3	12
11	Sine-Gordon breathers on spatially periodic potentials. <i>Physical Review A</i> , 1992 , 45, 6031-6037	2.6	23

10	Interference effects in soliton scattering by impurities. <i>Journal of Physics A</i> , 1992 , 25, 5711-5728		12
9	On the fractal characteristics of the Γ model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1992 , 191, 123-127	3.3	5
8	Scattering properties of envelope solitons in disordered systems: decay of localization effects by strong nonlinearity. <i>Waves in Random and Complex Media</i> , 1992 , 2, 125-140		2
7	Relativistic effects in Kronig-Penney models on quasiperiodic lattices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991 , 159, 153-157	2.3	30
6	Topological soliton dynamics in a stochastic Γ model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991 , 152, 184-190	2.3	6
5	Dynamics of a ϕ^4 kink in the presence of strong potential fluctuations, dissipation, and boundaries. <i>Physical Review A</i> , 1991 , 44, 1086-1103	2.6	14
4	Kink dynamics in the weakly stochastic ϕ^4 model. <i>Physical Review B</i> , 1991 , 44, 2554-2566	3.3	8
3	NONLINEAR WAVE PROPAGATION IN DISORDERED MEDIA. <i>International Journal of Modern Physics B</i> , 1991 , 05, 2825-2882	1.1	33
2	Resonances in nonlinear Klein-Gordon kink scattering by impurities 1991 , 367-374		
1	Localization decay induced by strong nonlinearity in disordered systems. <i>Physical Review Letters</i> , 1990 , 64, 1693-1696	7.4	93