Angel SÃ¡nchez

List of Publications by Year
in descending order

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194	6,455	81743	85405
papers	citations	39 h-index	71 g-index

198	198	198	3119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beyond Dunbar circles: a continuous description of social relationships and resource allocation. Scientific Reports, 2022, 12, 2287.	1.6	10
2	Ethnic markers and the emergence of group-specific norms: an experiment. Scientific Reports, 2022, 12, 5068.	1.6	0
3	Identifying Key Relationships between Nation-State Cyberattacks and Geopolitical and Economic Factors: A Model. Security and Communication Networks, 2022, 2022, 1-11.	1.0	1
4	Complex networks to understand the past: the case of roads in Bourbon Spain. Cliometrica, 2021, 15, 477-534.	1.3	15
5	Integration and diversity. Experimental Economics, 2021, 24, 387-413.	1.0	2
6	Framing in multiple public goods games and donation to charities. Royal Society Open Science, 2021, 8, 202117.	1.1	2
7	Evolution of social relationships between first-year students at middle school: from cliques to circles. Scientific Reports, 2021, 11, 11694.	1.6	6
8	An experimental characterization of workersâ€™ behavior and accuracy in crowdsourced tasks. PLoS ONE, 2021, 16, e0252604.	1.1	1
9	Evidence from a long-term experiment that collective risks change social norms and promote cooperation. Nature Communications, 2021, 12, 5452.	5.8	46
10	Gossip and competitive altruism support cooperation in a Public Good game. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200303.	1.8	15
11	Cooperation, social norm internalization, and hierarchical societies. Scientific Reports, 2020, 10, 15359.	1.6	13
12	Effect of network topology and node centrality on trading. Scientific Reports, 2020, 10, 11113.	1.6	10
13	Competing for congestible goods: experimental evidence on parking choice. Scientific Reports, 2020, 10, 20803.	1.6	4
14	Grounding Social Foundations for Integrated Assessment Models of Climate Change. Earth's Future, 2020, 8, e2020EF001573.	2.4	11
15	Understanding drivers when investing for impact: an experimental study. Palgrave Communications, 2020, 6, .	4.7	5
16	Robots, labor markets, and universal basic income. Humanities and Social Sciences Communications, 2020, 7, .	1.3	11
17	Ethnic markers and the emergence of group-specific norms. Scientific Reports, 2020, 10, 22219.	1.6	1
18	An experimental study of network effects on coordination in asymmetric games. Scientific Reports, 2019, 9, 6842.	1.6	8

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19	Group size effects and critical mass in public goods games. Scientific Reports, 2019, 9, 5503.	1.6	26
20	Large scale and information effects on cooperation in public good games. Scientific Reports, 2019, 9, 15023.	1.6	9
21	Intergenerational cooperation within the household: a Public Good game with three generations. Review of Economics of the Household, 2019, 17, 535-552.	2.6	7
22	Physics of human cooperation: experimental evidence and theoretical models. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 024001.	0.9	20
23	Quantitative account of social interactions in a mental health care ecosystem: cooperation, trust and collective action. Scientific Reports, 2018, 8, 3794.	1.6	8
24	Equal status in Ultimatum Games promotes rational sharing. Scientific Reports, 2018, 8, 1222.	1.6	2
25	Collaborative hierarchy maintains cooperation in asymmetric games. Scientific Reports, 2018, 8, 5375.	1.6	8
26	Group Size Effects and Critical Mass in Public Goods Games. SSRN Electronic Journal, 2018, , .	0.4	0
27	Resource heterogeneity leads to unjust effort distribution in climate change mitigation. PLoS ONE, 2018, 13, e0204369.	1.1	23
28	Cognitive resource allocation determines the organization of personal networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8316-8321.	3.3	37
29	Cooperation on dynamic networks within an uncertain reputation environment. Scientific Reports, 2018, 8, 9093.	1.6	11
30	Equilibrium characterization of networks under conflicting preferences. Economics Letters, 2017, 155, 154-156.	0.9	8
31	The emergence of altruism as a social norm. Scientific Reports, 2017, 7, 9684.	1.6	8
32	Humans expect generosity. Scientific Reports, 2017, 7, 42446.	1.6	35
33	Equilibria, information and frustration in heterogeneous network games with conflicting preferences. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 113403.	0.9	16
34	Improving transportation networks: Effects of population structure and decision making policies. Scientific Reports, 2017, 7, 4498.	1.6	12
35	Emotions and Strategic Behaviour: The Case of the Ultimatum Game. PLoS ONE, 2016, 11, e0158733.	1.1	7
36	Humans display a reduced set of consistent behavioral phenotypes in dyadic games. Science Advances, 2016, 2, e1600451.	4.7	67

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37	Cooperation Survives and Cheating Pays in a Dynamic Network Structure with Unreliable Reputation. Scientific Reports, 2016, 6, 27160.	1.6	22
38	Hierarchy is Detrimental for Human Cooperation. Scientific Reports, 2016, 5, 18634.	1.6	17
39	Short-Range Mobility and the Evolution of Cooperation: An Experimental Study. Scientific Reports, 2015, 5, 10282.	1.6	16
40	Dynamics to Equilibrium in Network Games: Individual Behavior and Global Response. PLoS ONE, 2015, 10, e0120343.	1.1	15
41	Reputation drives cooperative behaviour and network formation in human groups. Scientific Reports, 2015, 5, 7843.	1.6	108
42	Theory must be informed by experiments (and back). Physics of Life Reviews, 2015, 14, 52-53.	1.5	4
43	How Evolutionary Dynamics Affects Network Reciprocity in Prisonerâ€™s Dilemma. Jasss, 2015, 18, .	1.0	14
44	Social imitation versus strategic choice, or consensus versus cooperation, in the networked Prisoner's Dilemma. Physical Review E, 2014, 90, 022810.	0.8	36
45	Learning dynamics explains human behaviour in Prisoner's Dilemma on networks. Journal of the Royal Society Interface, 2014, 11, 20131186.	1.5	37
46	Transition from reciprocal cooperation to persistent behaviour in social dilemmas at the end of adolescence. Nature Communications, 2014, 5, 4362.	5.8	36
47	Global Information and Mobility Support Coordination Among Humans. Scientific Reports, 2014, 4, 6458.	1.6	14
48	A comparative analysis of spatial Prisoner's Dilemma experiments: Conditional cooperation and payoff irrelevance. Scientific Reports, 2014, 4, 4615.	1.6	93
49	Crowd Computing as a Cooperation Problem: An Evolutionary Approach. Journal of Statistical Physics, 2013, 151, 654-672.	0.5	3
50	Heterogeneous network games: Conflicting preferences. Games and Economic Behavior, 2013, 79, 56-66.	0.4	21
51	Diversity-induced resonance in the response to social norms. Physical Review E, 2013, 87, 022803.	0.8	17
52	Reputation-Based Mechanisms for Evolutionary Master-Worker Computing. Lecture Notes in Computer Science, 2013, , 98-113.	1.0	6
53	Applying the dynamics of evolution to achieve reliability in masterâ€“worker computing. Concurrency Computation Practice and Experience, 2013, 25, 2363-2380.	1.4	19
54	Towards a Proper Assignment of Systemic Risk: The Combined Roles of Network Topology and Shock Characteristics. PLoS ONE, 2013, 8, e77526.	1.1	22

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55	Gender Differences in Cooperation: Experimental Evidence on High School Students. PLoS ONE, 2013, 8, e83700.	1.1	48
56	Manifesto de CiÃªncia Social Computacional. MediaÃ§Ãµes: Revista De CiÃªncias Sociais, 2013, 18, 20.	0.1	1
57	SOCIAL DYNAMICS AND COOPERATION: THE CASE OF NONHUMAN PRIMATES AND ITS IMPLICATIONS FOR HUMAN BEHAVIOR. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 15, 1250066.	0.9	29
58	Human behavior in Prisoner's Dilemma experiments suppresses network reciprocity. Scientific Reports, 2012, 2, 325.	1.6	82
59	Three is a crowd in iterated prisoner's dilemmas: experimental evidence on reciprocal behavior. Scientific Reports, 2012, 2, 638.	1.6	48
60	Social and strategic imitation: the way to consensus. Scientific Reports, 2012, 2, 686.	1.6	62
61	Heterogeneous networks do not promote cooperation when humans play a Prisonerâ€™s Dilemma. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12922-12926.	3.3	277
62	A complex systems approach to constructing better models for managing financial markets and the economy. European Physical Journal: Special Topics, 2012, 214, 295-324.	1.2	101
63	Manifesto of computational social science. European Physical Journal: Special Topics, 2012, 214, 325-346.	1.2	266
64	Individual Strategy Update and Emergence of Cooperation in Social Networks. Journal of Mathematical Sociology, 2012, 36, 1-21.	0.6	16
65	Generosity Pays in the Presence of Direct Reciprocity: A Comprehensive Study of 2Ã—2 Repeated Games. PLoS ONE, 2012, 7, e35135.	1.1	24
66	Empathy Emerges Spontaneously in the Ultimatum Game: Small Groups and Networks. PLoS ONE, 2012, 7, e43781.	1.1	59
67	On the coexistence of cooperators, defectors and conditional cooperators in the multiplayer iterated Prisoner's Dilemma. Journal of Theoretical Biology, 2012, 300, 299-308.	0.8	21
68	Perturbation of Equilibria in the Mathematical Theory of Evolution. , 2012, , 1265-1275.		1
69	Evolutionary games defined at the network mesoscale: The Public Goods game. Chaos, 2011, 21, 016113.	1.0	105
70	Chaos and Unpredictability in Evolutionary Dynamics in Discrete Time. Physical Review Letters, 2011, 107, 038101.	2.9	31
71	Disentangling social and group heterogeneities: Public Goods games on complex networks. Europhysics Letters, 2011, 95, 68003.	0.7	56
72	The spatial Ultimatum game revisited. Journal of Theoretical Biology, 2011, 278, 1-10.	0.8	51

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73	Random topologies and the emergence of cooperation: the role of short-cuts. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P04019.	0.9	7
74	Coordination and growth: the Stag Hunt game on evolutionary networks. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P05008.	0.9	21
75	TURNOUT INTENTION AND RANDOM SOCIAL NETWORKS. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 31-53.	0.9	2
76	Sine-Gordon wobbles through BÃcklund transformations. Discrete and Continuous Dynamical Systems - Series S, 2011, 4, 1047-1056.	0.6	12
77	Co-evolution of strategies and update rules in the prisoner's dilemma game on complex networks. New Journal of Physics, 2010, 12, 103034.	1.2	54
78	Social Experiments in the Mesoscale: Humans Playing a Spatial Prisoner's Dilemma. PLoS ONE, 2010, 5, e13749.	1.1	187
79	Topological Traps Control Flow on Real Networks: The Case of Coordination Failures. PLoS ONE, 2010, 5, e15210.	1.1	22
80	Effect of spatial structure on the evolution of cooperation. Physical Review E, 2009, 80, 046106.	0.8	168
81	Cooperative scale-free networks despite the presence of defector hubs. Europhysics Letters, 2009, 88, 38003.	0.7	59
82	Evolving learning rules and emergence of cooperation in spatial prisoner's dilemma. Journal of Theoretical Biology, 2009, 259, 84-95.	0.8	60
83	The shared reward dilemma on structured populations. Journal of Economic Interaction and Coordination, 2009, 4, 183-193.	0.4	5
84	Evolutionary game theory: Temporal and spatial effects beyond replicator dynamics. Physics of Life Reviews, 2009, 6, 208-249.	1.5	613
85	Promotion of cooperation on networks? The myopic best response case. European Physical Journal B, 2009, 71, 587-595.	0.6	47
86	Imperfect imitation can enhance cooperation. Europhysics Letters, 2009, 87, 48005.	0.7	29
87	Community connectivity and heterogeneity: clues and insights on cooperation on social networks. Journal of Economic Interaction and Coordination, 2008, 3, 183-199.	0.4	12
88	Emergence and resilience of cooperation in the spatial prisoner's dilemma via a reward mechanism. Journal of Theoretical Biology, 2008, 250, 475-483.	0.8	86
89	The shared reward dilemma. Journal of Theoretical Biology, 2008, 251, 253-263.	0.8	22
90	Complex Cooperative Networks from Evolutionary Preferential Attachment. PLoS ONE, 2008, 3, e2449.	1.1	166

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91	Hawking-like emission in kink-soliton escape from a potential well. New Journal of Physics, 2008, 10, 113015.	1.2	12
92	Mesoscopic Structure Conditions the Emergence of Cooperation on Social Networks. PLoS ONE, 2008, 3, e1892.	1.1	102
93	Kink dynamics in spatially inhomogeneous media: The role of internal modes. Physical Review E, 2007, 75, 036611.	0.8	23
94	Modelling disorder: the cases of wetting and DNA denaturation. European Physical Journal B, 2007, 56, 253-258.	0.6	8
95	The importance of selection rate in the evolution of cooperation. European Physical Journal: Special Topics, 2007, 143, 51-58.	1.2	8
96	Inhomogeneous soliton ratchets under two ac forces. Physical Review E, 2006, 73, 046605.	0.8	8
97	Soliton ratchets in homogeneous nonlinear Klein-Gordon systems. Chaos, 2006, 16, 013117.	1.0	37
98	Does the dynamics of sineâ€“Gordon solitons predict active regions of DNA?. Physica D: Nonlinear Phenomena, 2006, 223, 214-221.	1.3	17
99	Reply to â€œComment on â€˜Existence of internal modes of sine-Gordon kinksâ€™â€‰â€. Physical Review E, 2006, 73, .	0.8	3
100	Time Scales in Evolutionary Dynamics. Physical Review Letters, 2006, 97, 158701.	2.9	159
101	On the discrete Peyrard-Bishop model of DNA: Stationary solutions and stability. Chaos, 2006, 16, 023123.	1.0	8
102	Phase transition in tensionless surfaces. Biophysical Chemistry, 2005, 115, 187-193.	1.5	5
103	Altruism may arise from individual selection. Journal of Theoretical Biology, 2005, 235, 233-240.	0.8	100
104	Ratchet behavior in nonlinear Klein-Gordon systems with pointlike inhomogeneities. Physical Review E, 2005, 72, 016612.	0.8	24
105	Length scale competition in nonlinear Kleinâ€”Gordon models: A collective coordinate approach. Chaos, 2005, 15, 023502.	1.0	11
106	Super-roughening as a disorder-dominated flat phase. Europhysics Letters, 2004, 66, 552-558.	0.7	3
107	Equilibrium roughening transition in a one-dimensional modified sine-Gordon model. Physical Review E, 2004, 70, 061607.	0.8	6
108	Nonlinear excitations in DNA: Aperiodic models versus actual genome sequences. Physical Review E, 2004, 70, 051903.	0.8	25

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109	RATCHETS IN HOMOGENEOUS EXTENDED SYSTEMS: INTERNAL MODES AND THE ROLE OF NOISE. Fluctuation and Noise Letters, 2004, 04, L571-L584.	1.0	2
110	General Non-Existence Theorem for Phase Transitions in One-Dimensional Systems with Short Range Interactions, and Physical Examples of Such Transitions. Journal of Statistical Physics, 2004, 115, 869-893.	0.5	89
111	DISORDER AND FLUCTUATIONS IN NONLINEAR EXCITATIONS IN DNA. Fluctuation and Noise Letters, 2004, 04, L491-L504.	1.0	23
112	Soliton ratchets out of point-like inhomogeneities. European Physical Journal B, 2003, 37, 79-83.	0.6	17
113	Internal Mode Mechanism for Collective Energy Transport in Extended Systems. Physical Review Letters, 2003, 91, 234102.	2.9	53
114	Apparent phase transitions in finite one-dimensional sine-Gordon lattices. Physical Review E, 2003, 67, 046108.	0.8	11
115	A theorem on the absence of phase transitions in one-dimensional growth models with on-site periodic potentials. Journal of Physics A, 2002, 35, 2373-2377.	1.6	12
116	Soliton diffusion on the classical, isotropic Heisenberg chain. European Physical Journal B, 2001, 20, 405-417.	0.6	14
117	Internal mode dynamics in driven nonlinear Klein-Gordon systems. European Physical Journal B, 2001, 19, 107-115.	0.6	7
118	Selection, shape, and relaxation of fronts: A numerical study of the effects of inertia. Physical Review E, 2001, 63, 056608.	0.8	13
119	Anomalies of ac driven solitary waves with internal modes: Nonparametric resonances induced by parametric forces. Physical Review E, 2001, 64, 046601.	0.8	11
120	Thermal diffusion of sine-Gordon solitons. European Physical Journal B, 2000, 16, 361-368.	0.6	15
121	Anomalous Resonance Phenomena of Solitary Waves with Internal Modes. Physical Review Letters, 2000, 84, 871-874.	2.9	38
122	Resonances in the dynamics of†4kinks perturbed by ac forces. Physical Review E, 2000, 62, 5695-5705.	0.8	47
123	Lattice model for kinetics and grain-size distribution in crystallization. Physical Review B, 2000, 61, 6579-6586.	1.1	17
124	Existence of internal modes of sine-Gordon kinks. Physical Review E, 2000, 62, R60-R63.	0.8	26
125	Multiparticle biased diffusion-limited aggregation with surface diffusion: A comprehensive model of electrodeposition. Physical Review E, 2000, 62, 161-173.	0.8	42
126	Roughening and super-roughening in the ordered and random two-dimensional sine-Gordon models. Physical Review E, 2000, 62, 3219-3229.	0.8	11

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127	External fluctuations in front dynamics with inertia: The overdamped limit. European Physical Journal B, 2000, 16, 127-131.	0.6	15
128	Overdamped sine-Gordon kink in a thermal bath. Physical Review E, 1999, 60, 222-230.	0.8	15
129	Model for crystallization kinetics: Deviations from Kolmogorovâ€“Johnsonâ€“Mehlâ€“Avrami kinetics. Applied Physics Letters, 1999, 75, 2205-2207.	1.5	42
130	Stochastic vortex dynamics in two-dimensional easy-plane ferromagnets: Multiplicative versus additive noise. Physical Review B, 1999, 59, 11349-11357.	1.1	40
131	Finite temperature dynamics of vortices in the two dimensional anisotropic Heisenberg model. European Physical Journal B, 1999, 7, 607-618.	0.6	11
132	Dephasing effects induced by weak disorder in superlattices. Microelectronic Engineering, 1998, 43-44, 117-123.	1.1	11
133	Crystalline lattice effects on tensionless surface dynamics. Microelectronic Engineering, 1998, 43-44, 497-505.	1.1	0
134	ac driven sine-Gordon solitons: dynamics and stability. European Physical Journal B, 1998, 6, 133-142.	0.6	35
135	Coherent carrier dynamics in semiconductor superlattices. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 240, 109-111.	0.9	15
136	dc motion of ac driven sine-Gordon solitons. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 247, 161-166.	0.9	10
137	Collective Coordinates and Length-Scale Competition in Spatially Inhomogeneous Soliton-Bearing Equations. SIAM Review, 1998, 40, 579-615.	4.2	72
138	Rabi oscillations in semiconductor superlattices. Physical Review B, 1998, 58, 1146-1149.	1.1	16
139	Noise effects on synchronized globally coupled oscillators. Europhysics Letters, 1998, 44, 409-415.	0.7	4
140	Anomalous scaling in a nonlocal growth model in the Kardar-Parisi-Zhang universality class. Physical Review E, 1998, 57, R2491-R2494.	0.8	43
141	Growth Dynamics of Crystalline Tensionless Surfaces. Physical Review Letters, 1997, 78, 4982-4985.	2.9	6
142	Mode locking in discrete soliton dynamics under ac forces. Physical Review B, 1997, 56, 87-90.	1.1	12
143	Extended states and dynamical localization in semiconductor superlattices. Journal of Applied Physics, 1997, 81, 777-780.	1.1	10
144	Excitations in one-dimensional lattices with traps: Exact results and simulations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 227, 381-386.	0.9	3

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145	Miniband landscape of disordered dimer superlattices. Physica D: Nonlinear Phenomena, 1997, 107, 166-170.	1.3	4
146	Zero temperature landscape of the random sine-Gordon model. Physica D: Nonlinear Phenomena, 1997, 107, 326-329.	1.3	3
147	High conductance in random superlattices with correlated disorder. Solid-State Electronics, 1996, 40, 433-436.	0.8	3
148	Effective nonlinear model of resonant tunneling nanostructures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 215, 103-107.	0.9	12
149	Electron dynamics in intentionally disordered semiconductor superlattices. Physical Review B, 1996, 54, 14550-14559.	1.1	12
150	Dynamical phenomena in Fibonacci semiconductor superlattices. Physical Review B, 1996, 54, 16792-16798.	1.1	29
151	Kink Drift in Oscillating Fields. Physical Review Letters, 1996, 77, 582-582.	2.9	22
152	Nonlinear resonant tunnelling through double-barrier structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 198, 403-406.	0.9	13
153	Soliton pinning by long-range order in aperiodic systems. Physical Review E, 1995, 52, R2183-R2186.	0.8	26
154	Roughening transitions of driven surface growth. Physical Review B, 1995, 51, 14664-14668.	1.1	8
155	Three-dimensional effects on extended states in disordered models of polymers. Physical Review B, 1995, 51, 8115-8124.	1.1	19
156	Incoherent exciton trapping in self-similar aperiodic lattices. Physical Review B, 1995, 51, 878-882.	1.1	9
157	Explanation of delocalization in the continuous random-dimer model. Physical Review B, 1995, 51, 6769-6772.	1.1	25
158	Thomasâ€“Fermi approach to resonant tunneling in Î´â€doped diodes. Journal of Applied Physics, 1995, 77, 4816-4818.	1.1	1
159	Smoothing of rough surfaces. Physical Review B, 1995, 52, 5433-5444.	1.1	5
160	Excitation decay in one-dimensional disordered systems with paired traps. Physical Review B, 1995, 51, 173-178.	1.1	10
161	Self-consistent analysis of electric field effects on Si delta -doped GaAs. Semiconductor Science and Technology, 1995, 10, 1303-1309.	1.0	35
162	Intentionally disordered superlattices with high-DC conductance. IEEE Journal of Quantum Electronics, 1995, 31, 1919-1926.	1.0	20

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163	Enhanced suppression of localization in a continuous random-dimer model. Journal of Physics A, 1994, 27, 3725-3730.	1.6	38
164	Localization of relativistic electrons in a one-dimensional disordered system. Journal of Physics A, 1994, 27, 3285-3291.	1.6	11
165	Energy spectra of quasiperiodic systems via information entropy. Physical Review E, 1994, 50, R679-R682.	0.8	24
166	Absence of localization and large dc conductance in random superlattices with correlated disorder. Physical Review B, 1994, 50, 14359-14367.	1.1	49
167	Possible soliton motion in ac-driven damped nonlinear lattices. Physical Review B, 1994, 50, 9652-9655.	1.1	12
168	Exciton trapping in one-dimensional systems with correlated disorder. Physical Review B, 1994, 49, 3839-3843.	1.1	19
169	Optical absorption in paired correlated random lattices. Physical Review B, 1994, 50, 6453-6456.	1.1	11
170	Suppression of localization in Kronig-Penney models with correlated disorder. Physical Review B, 1994, 49, 147-157.	1.1	141
171	Quasi-ballistic-electron transport in random superlattices. Physical Review B, 1994, 50, 17736-17739.	1.1	34
172	Kink stability, propagation, and length-scale competition in the periodically modulated sine-Gordon equation. Physical Review E, 1994, 49, 4603-4615.	0.8	23
173	Multiparticle aggregation model for dendritic growth applied to experiments on amorphous Co-P alloys. Physical Review E, 1994, 50, R2427-R2430.	0.8	14
174	Effects of the electronic structure on the dc conductance of Fibonacci superlattices. Physical Review B, 1994, 49, 9503-9510.	1.1	55
175	Delocalized vibrations in classical random chains. Physical Review B, 1993, 48, 6054-6057.	1.1	64
176	Growth and forms of Laplacian aggregates. Physical Review E, 1993, 48, 1296-1304.	0.8	25
177	Phase transitions in two-dimensional traffic-flow models. Physical Review E, 1993, 48, R4175-R4178.	0.8	162
178	Length-scale competition in the damped sine-Gordon chain with spatiotemporal periodic driving. Physical Review E, 1993, 48, 1447-1452.	0.8	9
179	Two and Many Impurity Effects in Soliton Dynamics. NATO ASI Series Series B: Physics, 1993, , 117-120.	0.2	0
180	Kink decay in a parametrically drivenÏ†4chain. Physical Review A, 1992, 45, 1207-1212.	1.0	19

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181	Kink propagation through disordered media. Physical Review A, 1992, 45, 8867-8873.	1.0	16
182	Sine-Gordon kink-antikink generation on spatially periodic potentials. Physical Review A, 1992, 45, R5369-R5372.	1.0	26
183	Multifractal patterns formed by laser irradiation in GeAl thin multilayer films. Physical Review B, 1992, 46, 487-490.	1.1	15
184	Sine-Gordon breathers on spatially periodic potentials. Physical Review A, 1992, 45, 6031-6037.	1.0	25
185	Interference effects in soliton scattering by impurities. Journal of Physics A, 1992, 25, 5711-5728.	1.6	12
186	On the fractal characteristics of the Î· model. Physica A: Statistical Mechanics and Its Applications, 1992, 191, 123-127.	1.2	5
187	Scattering properties of envelope solitons in disordered systems: decay of localization effects by strong nonlinearity. Waves in Random and Complex Media, 1992, 2, 125-140.	1.5	2
188	Relativistic effects in Kronig-Penney models on quasiperiodic lattices. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 159, 153-157.	0.9	31
189	Topological soliton dynamics in a stochasticÃ¸4 model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 152, 184-190.	0.9	6
190	Dynamics of aÏ†4kink in the presence of strong potential fluctuations, dissipation, and boundaries. Physical Review A, 1991, 44, 1086-1103.	1.0	14
191	Kink dynamics in the weakly stochasticÏ†4model. Physical Review B, 1991, 44, 2554-2566.	1.1	12
192	NONLINEAR WAVE PROPAGATION IN DISORDERED MEDIA. International Journal of Modern Physics B, 1991, 05, 2825-2882.	1.0	34
193	Localization decay induced by strong nonlinearity in disordered systems. Physical Review Letters, 1990, 64, 1693-1696.	2.9	104
194	Diversity-Induced Resonance in the Response to Social Norms. SSRN Electronic Journal, 0, , .	0.4	0