

Angel SÃ¡nchez

List of Publications by Year in descending order

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194
papers

6,455
citations

81743

39
h-index

85405

71
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198
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198
docs citations

198
times ranked

3119
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary game theory: Temporal and spatial effects beyond replicator dynamics. <i>Physics of Life Reviews</i> , 2009, 6, 208-249.	1.5	613
2	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, 12922-12926.	3.3	277
3	Manifesto of computational social science. <i>European Physical Journal: Special Topics</i> , 2012, 214, 325-346.	1.2	266
4	Social Experiments in the Mesoscale: Humans Playing a Spatial Prisoner's Dilemma. <i>PLoS ONE</i> , 2010, 5, e13749.	1.1	187
5	Effect of spatial structure on the evolution of cooperation. <i>Physical Review E</i> , 2009, 80, 046106.	0.8	168
6	Complex Cooperative Networks from Evolutionary Preferential Attachment. <i>PLoS ONE</i> , 2008, 3, e2449.	1.1	166
7	Phase transitions in two-dimensional traffic-flow models. <i>Physical Review E</i> , 1993, 48, R4175-R4178.	0.8	162
8	Time Scales in Evolutionary Dynamics. <i>Physical Review Letters</i> , 2006, 97, 158701.	2.9	159
9	Suppression of localization in Kronig-Penney models with correlated disorder. <i>Physical Review B</i> , 1994, 49, 147-157.	1.1	141
10	Reputation drives cooperative behaviour and network formation in human groups. <i>Scientific Reports</i> , 2015, 5, 7843.	1.6	108
11	Evolutionary games defined at the network mesoscale: The Public Goods game. <i>Chaos</i> , 2011, 21, 016113.	1.0	105
12	Localization decay induced by strong nonlinearity in disordered systems. <i>Physical Review Letters</i> , 1990, 64, 1693-1696.	2.9	104
13	Mesoscopic Structure Conditions the Emergence of Cooperation on Social Networks. <i>PLoS ONE</i> , 2008, 3, e1892.	1.1	102
14	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.	1.2	101
15	Altruism may arise from individual selection. <i>Journal of Theoretical Biology</i> , 2005, 235, 233-240.	0.8	100
16	A comparative analysis of spatial Prisoner's Dilemma experiments: Conditional cooperation and payoff irrelevance. <i>Scientific Reports</i> , 2014, 4, 4615.	1.6	93
17	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.	0.5	89
18	Emergence and resilience of cooperation in the spatial prisoner's dilemma via a reward mechanism. <i>Journal of Theoretical Biology</i> , 2008, 250, 475-483.	0.8	86

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19	Human behavior in Prisoner's Dilemma experiments suppresses network reciprocity. <i>Scientific Reports</i> , 2012, 2, 325.	1.6	82
20	Collective Coordinates and Length-Scale Competition in Spatially Inhomogeneous Soliton-Bearing Equations. <i>SIAM Review</i> , 1998, 40, 579-615.	4.2	72
21	Humans display a reduced set of consistent behavioral phenotypes in dyadic games. <i>Science Advances</i> , 2016, 2, e1600451.	4.7	67
22	Delocalized vibrations in classical random chains. <i>Physical Review B</i> , 1993, 48, 6054-6057.	1.1	64
23	Social and strategic imitation: the way to consensus. <i>Scientific Reports</i> , 2012, 2, 686.	1.6	62
24	Evolving learning rules and emergence of cooperation in spatial prisoner's dilemma. <i>Journal of Theoretical Biology</i> , 2009, 259, 84-95.	0.8	60
25	Cooperative scale-free networks despite the presence of defector hubs. <i>Europhysics Letters</i> , 2009, 88, 38003.	0.7	59
26	Empathy Emerges Spontaneously in the Ultimatum Game: Small Groups and Networks. <i>PLoS ONE</i> , 2012, 7, e43781.	1.1	59
27	Disentangling social and group heterogeneities: Public Goods games on complex networks. <i>Europhysics Letters</i> , 2011, 95, 68003.	0.7	56
28	Effects of the electronic structure on the dc conductance of Fibonacci superlattices. <i>Physical Review B</i> , 1994, 49, 9503-9510.	1.1	55
29	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.	1.2	54
30	Internal Mode Mechanism for Collective Energy Transport in Extended Systems. <i>Physical Review Letters</i> , 2003, 91, 234102.	2.9	53
31	The spatial Ultimatum game revisited. <i>Journal of Theoretical Biology</i> , 2011, 278, 1-10.	0.8	51
32	Absence of localization and large dc conductance in random superlattices with correlated disorder. <i>Physical Review B</i> , 1994, 50, 14359-14367.	1.1	49
33	Three is a crowd in iterated prisoner's dilemmas: experimental evidence on reciprocal behavior. <i>Scientific Reports</i> , 2012, 2, 638.	1.6	48
34	Gender Differences in Cooperation: Experimental Evidence on High School Students. <i>PLoS ONE</i> , 2013, 8, e83700.	1.1	48
35	Resonances in the dynamics of kinks perturbed by ac forces. <i>Physical Review E</i> , 2000, 62, 5695-5705.	0.8	47
36	Promotion of cooperation on networks? The myopic best response case. <i>European Physical Journal B</i> , 2009, 71, 587-595.	0.6	47

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37	Evidence from a long-term experiment that collective risks change social norms and promote cooperation. <i>Nature Communications</i> , 2021, 12, 5452.	5.8	46
38	Anomalous scaling in a nonlocal growth model in the Kardar-Parisi-Zhang universality class. <i>Physical Review E</i> , 1998, 57, R2491-R2494.	0.8	43
39	Model for crystallization kinetics: Deviations from Kolmogorov–Johnson–Mehl–Avrami kinetics. <i>Applied Physics Letters</i> , 1999, 75, 2205-2207.	1.5	42
40	Multiparticle biased diffusion-limited aggregation with surface diffusion: A comprehensive model of electrodeposition. <i>Physical Review E</i> , 2000, 62, 161-173.	0.8	42
41	Stochastic vortex dynamics in two-dimensional easy-plane ferromagnets: Multiplicative versus additive noise. <i>Physical Review B</i> , 1999, 59, 11349-11357.	1.1	40
42	Enhanced suppression of localization in a continuous random-dimer model. <i>Journal of Physics A</i> , 1994, 27, 3725-3730.	1.6	38
43	Anomalous Resonance Phenomena of Solitary Waves with Internal Modes. <i>Physical Review Letters</i> , 2000, 84, 871-874.	2.9	38
44	Soliton ratchets in homogeneous nonlinear Klein-Gordon systems. <i>Chaos</i> , 2006, 16, 013117.	1.0	37
45	Learning dynamics explains human behaviour in Prisoner's Dilemma on networks. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20131186.	1.5	37
46	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.	3.3	37
47	Social imitation versus strategic choice, or consensus versus cooperation, in the networked Prisoner's Dilemma. <i>Physical Review E</i> , 2014, 90, 022810.	0.8	36
48	Transition from reciprocal cooperation to persistent behaviour in social dilemmas at the end of adolescence. <i>Nature Communications</i> , 2014, 5, 4362.	5.8	36
49	Self-consistent analysis of electric field effects on Si delta -doped GaAs. <i>Semiconductor Science and Technology</i> , 1995, 10, 1303-1309.	1.0	35
50	ac driven sine-Gordon solitons: dynamics and stability. <i>European Physical Journal B</i> , 1998, 6, 133-142.	0.6	35
51	Humans expect generosity. <i>Scientific Reports</i> , 2017, 7, 42446.	1.6	35
52	NONLINEAR WAVE PROPAGATION IN DISORDERED MEDIA. <i>International Journal of Modern Physics B</i> , 1991, 05, 2825-2882.	1.0	34
53	Quasi-ballistic-electron transport in random superlattices. <i>Physical Review B</i> , 1994, 50, 17736-17739.	1.1	34
54	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.	0.9	31

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55	Chaos and Unpredictability in Evolutionary Dynamics in Discrete Time. <i>Physical Review Letters</i> , 2011, 107, 038101.	2.9	31
56	Dynamical phenomena in Fibonacci semiconductor superlattices. <i>Physical Review B</i> , 1996, 54, 16792-16798.	1.1	29
57	Imperfect imitation can enhance cooperation. <i>Europhysics Letters</i> , 2009, 87, 48005.	0.7	29
58	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.	0.9	29
59	Sine-Gordon kink-antikink generation on spatially periodic potentials. <i>Physical Review A</i> , 1992, 45, R5369-R5372.	1.0	26
60	Soliton pinning by long-range order in aperiodic systems. <i>Physical Review E</i> , 1995, 52, R2183-R2186.	0.8	26
61	Existence of internal modes of sine-Gordon kinks. <i>Physical Review E</i> , 2000, 62, R60-R63.	0.8	26
62	Group size effects and critical mass in public goods games. <i>Scientific Reports</i> , 2019, 9, 5503.	1.6	26
63	Sine-Gordon breathers on spatially periodic potentials. <i>Physical Review A</i> , 1992, 45, 6031-6037.	1.0	25
64	Growth and forms of Laplacian aggregates. <i>Physical Review E</i> , 1993, 48, 1296-1304.	0.8	25
65	Explanation of delocalization in the continuous random-dimer model. <i>Physical Review B</i> , 1995, 51, 6769-6772.	1.1	25
66	Nonlinear excitations in DNA: Aperiodic models versus actual genome sequences. <i>Physical Review E</i> , 2004, 70, 051903.	0.8	25
67	Energy spectra of quasiperiodic systems via information entropy. <i>Physical Review E</i> , 1994, 50, R679-R682.	0.8	24
68	Ratchet behavior in nonlinear Klein-Gordon systems with pointlike inhomogeneities. <i>Physical Review E</i> , 2005, 72, 016612.	0.8	24
69	Generosity Pays in the Presence of Direct Reciprocity: A Comprehensive Study of 2 \times 2 Repeated Games. <i>PLoS ONE</i> , 2012, 7, e35135.	1.1	24
70	Kink stability, propagation, and length-scale competition in the periodically modulated sine-Gordon equation. <i>Physical Review E</i> , 1994, 49, 4603-4615.	0.8	23
71	DISORDER AND FLUCTUATIONS IN NONLINEAR EXCITATIONS IN DNA. <i>Fluctuation and Noise Letters</i> , 2004, 04, L491-L504.	1.0	23
72	Kink dynamics in spatially inhomogeneous media: The role of internal modes. <i>Physical Review E</i> , 2007, 75, 036611.	0.8	23

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73	Resource heterogeneity leads to unjust effort distribution in climate change mitigation. PLoS ONE, 2018, 13, e0204369.	1.1	23
74	Kink Drift in Oscillating Fields. Physical Review Letters, 1996, 77, 582-582.	2.9	22
75	The shared reward dilemma. Journal of Theoretical Biology, 2008, 251, 253-263.	0.8	22
76	Towards a Proper Assignment of Systemic Risk: The Combined Roles of Network Topology and Shock Characteristics. PLoS ONE, 2013, 8, e77526.	1.1	22
77	Cooperation Survives and Cheating Pays in a Dynamic Network Structure with Unreliable Reputation. Scientific Reports, 2016, 6, 27160.	1.6	22
78	Topological Traps Control Flow on Real Networks: The Case of Coordination Failures. PLoS ONE, 2010, 5, e15210.	1.1	22
79	Coordination and growth: the Stag Hunt game on evolutionary networks. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P05008.	0.9	21
80	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
81	Heterogeneous network games: Conflicting preferences. Games and Economic Behavior, 2013, 79, 56-66.	0.4	21
82	Intentionally disordered superlattices with high-DC conductance. IEEE Journal of Quantum Electronics, 1995, 31, 1919-1926.	1.0	20
83	Physics of human cooperation: experimental evidence and theoretical models. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 024001.	0.9	20
84	Kink decay in a parametrically driven ϕ^4 chain. Physical Review A, 1992, 45, 1207-1212.	1.0	19
85	Exciton trapping in one-dimensional systems with correlated disorder. Physical Review B, 1994, 49, 3839-3843.	1.1	19
86	Three-dimensional effects on extended states in disordered models of polymers. Physical Review B, 1995, 51, 8115-8124.	1.1	19
87	Applying the dynamics of evolution to achieve reliability in master-worker computing. Concurrency Computation Practice and Experience, 2013, 25, 2363-2380.	1.4	19
88	Lattice model for kinetics and grain-size distribution in crystallization. Physical Review B, 2000, 61, 6579-6586.	1.1	17
89	Soliton ratchets out of point-like inhomogeneities. European Physical Journal B, 2003, 37, 79-83.	0.6	17
90	Does the dynamics of sine-Gordon solitons predict active regions of DNA?. Physica D: Nonlinear Phenomena, 2006, 223, 214-221.	1.3	17

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91	Diversity-induced resonance in the response to social norms. <i>Physical Review E</i> , 2013, 87, 022803.	0.8	17
92	Hierarchy is Detrimental for Human Cooperation. <i>Scientific Reports</i> , 2016, 5, 18634.	1.6	17
93	Kink propagation through disordered media. <i>Physical Review A</i> , 1992, 45, 8867-8873.	1.0	16
94	Rabi oscillations in semiconductor superlattices. <i>Physical Review B</i> , 1998, 58, 1146-1149.	1.1	16
95	Individual Strategy Update and Emergence of Cooperation in Social Networks. <i>Journal of Mathematical Sociology</i> , 2012, 36, 1-21.	0.6	16
96	Short-Range Mobility and the Evolution of Cooperation: An Experimental Study. <i>Scientific Reports</i> , 2015, 5, 10282.	1.6	16
97	Equilibria, information and frustration in heterogeneous network games with conflicting preferences. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 113403.	0.9	16
98	Multifractal patterns formed by laser irradiation in GeAl thin multilayer films. <i>Physical Review B</i> , 1992, 46, 487-490.	1.1	15
99	Coherent carrier dynamics in semiconductor superlattices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 240, 109-111.	0.9	15
100	Overdamped sine-Gordon kink in a thermal bath. <i>Physical Review E</i> , 1999, 60, 222-230.	0.8	15
101	Thermal diffusion of sine-Gordon solitons. <i>European Physical Journal B</i> , 2000, 16, 361-368.	0.6	15
102	External fluctuations in front dynamics with inertia: The overdamped limit. <i>European Physical Journal B</i> , 2000, 16, 127-131.	0.6	15
103	Dynamics to Equilibrium in Network Games: Individual Behavior and Global Response. <i>PLoS ONE</i> , 2015, 10, e0120343.	1.1	15
104	Complex networks to understand the past: the case of roads in Bourbon Spain. <i>Cliometrica</i> , 2021, 15, 477-534.	1.3	15
105	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.	1.8	15
106	Dynamics of a kink in the presence of strong potential fluctuations, dissipation, and boundaries. <i>Physical Review A</i> , 1991, 44, 1086-1103.	1.0	14
107	Multiparticle aggregation model for dendritic growth applied to experiments on amorphous Co-P alloys. <i>Physical Review E</i> , 1994, 50, R2427-R2430.	0.8	14
108	Soliton diffusion on the classical, isotropic Heisenberg chain. <i>European Physical Journal B</i> , 2001, 20, 405-417.	0.6	14

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109	Global Information and Mobility Support Coordination Among Humans. Scientific Reports, 2014, 4, 6458.	1.6	14
110	How Evolutionary Dynamics Affects Network Reciprocity in Prisoner's Dilemma. Jasss, 2015, 18, .	1.0	14
111	Nonlinear resonant tunnelling through double-barrier structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 198, 403-406.	0.9	13
112	Selection, shape, and relaxation of fronts: A numerical study of the effects of inertia. Physical Review E, 2001, 63, 056608.	0.8	13
113	Cooperation, social norm internalization, and hierarchical societies. Scientific Reports, 2020, 10, 15359.	1.6	13
114	Kink dynamics in the weakly stochastic ϕ^4 model. Physical Review B, 1991, 44, 2554-2566.	1.1	12
115	Interference effects in soliton scattering by impurities. Journal of Physics A, 1992, 25, 5711-5728.	1.6	12
116	Possible soliton motion in ac-driven damped nonlinear lattices. Physical Review B, 1994, 50, 9652-9655.	1.1	12
117	Effective nonlinear model of resonant tunneling nanostructures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 215, 103-107.	0.9	12
118	Electron dynamics in intentionally disordered semiconductor superlattices. Physical Review B, 1996, 54, 14550-14559.	1.1	12
119	Mode locking in discrete soliton dynamics under ac forces. Physical Review B, 1997, 56, 87-90.	1.1	12
120	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
121	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
122	Hawking-like emission in kink-soliton escape from a potential well. New Journal of Physics, 2008, 10, 113015.	1.2	12
123	Improving transportation networks: Effects of population structure and decision making policies. Scientific Reports, 2017, 7, 4498.	1.6	12
124	Sine-Gordon wobbles through Bäcklund transformations. Discrete and Continuous Dynamical Systems - Series S, 2011, 4, 1047-1056.	0.6	12
125	Localization of relativistic electrons in a one-dimensional disordered system. Journal of Physics A, 1994, 27, 3285-3291.	1.6	11
126	Optical absorption in paired correlated random lattices. Physical Review B, 1994, 50, 6453-6456.	1.1	11

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127	Dephasing effects induced by weak disorder in superlattices. <i>Microelectronic Engineering</i> , 1998, 43-44, 117-123.	1.1	11
128	Finite temperature dynamics of vortices in the two dimensional anisotropic Heisenberg model. <i>European Physical Journal B</i> , 1999, 7, 607-618.	0.6	11
129	Roughening and super-roughening in the ordered and random two-dimensional sine-Gordon models. <i>Physical Review E</i> , 2000, 62, 3219-3229.	0.8	11
130	Anomalies of ac driven solitary waves with internal modes: Nonparametric resonances induced by parametric forces. <i>Physical Review E</i> , 2001, 64, 046601.	0.8	11
131	Apparent phase transitions in finite one-dimensional sine-Gordon lattices. <i>Physical Review E</i> , 2003, 67, 046108.	0.8	11
132	Length scale competition in nonlinear Klein-Gordon models: A collective coordinate approach. <i>Chaos</i> , 2005, 15, 023502.	1.0	11
133	Cooperation on dynamic networks within an uncertain reputation environment. <i>Scientific Reports</i> , 2018, 8, 9093.	1.6	11
134	Grounding Social Foundations for Integrated Assessment Models of Climate Change. <i>Earth's Future</i> , 2020, 8, e2020EF001573.	2.4	11
135	Robots, labor markets, and universal basic income. <i>Humanities and Social Sciences Communications</i> , 2020, 7, .	1.3	11
136	Excitation decay in one-dimensional disordered systems with paired traps. <i>Physical Review B</i> , 1995, 51, 173-178.	1.1	10
137	Extended states and dynamical localization in semiconductor superlattices. <i>Journal of Applied Physics</i> , 1997, 81, 777-780.	1.1	10
138	dc motion of ac driven sine-Gordon solitons. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 247, 161-166.	0.9	10
139	Effect of network topology and node centrality on trading. <i>Scientific Reports</i> , 2020, 10, 11113.	1.6	10
140	Beyond Dunbar circles: a continuous description of social relationships and resource allocation. <i>Scientific Reports</i> , 2022, 12, 2287.	1.6	10
141	Length-scale competition in the damped sine-Gordon chain with spatiotemporal periodic driving. <i>Physical Review E</i> , 1993, 48, 1447-1452.	0.8	9
142	Incoherent exciton trapping in self-similar aperiodic lattices. <i>Physical Review B</i> , 1995, 51, 878-882.	1.1	9
143	Large scale and information effects on cooperation in public good games. <i>Scientific Reports</i> , 2019, 9, 15023.	1.6	9
144	Roughening transitions of driven surface growth. <i>Physical Review B</i> , 1995, 51, 14664-14668.	1.1	8

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145	Inhomogeneous soliton ratchets under two ac forces. <i>Physical Review E</i> , 2006, 73, 046605.	0.8	8
146	On the discrete Peyrard-Bishop model of DNA: Stationary solutions and stability. <i>Chaos</i> , 2006, 16, 023123.	1.0	8
147	Modelling disorder: the cases of wetting and DNA denaturation. <i>European Physical Journal B</i> , 2007, 56, 253-258.	0.6	8
148	The importance of selection rate in the evolution of cooperation. <i>European Physical Journal: Special Topics</i> , 2007, 143, 51-58.	1.2	8
149	Equilibrium characterization of networks under conflicting preferences. <i>Economics Letters</i> , 2017, 155, 154-156.	0.9	8
150	The emergence of altruism as a social norm. <i>Scientific Reports</i> , 2017, 7, 9684.	1.6	8
151	Quantitative account of social interactions in a mental health care ecosystem: cooperation, trust and collective action. <i>Scientific Reports</i> , 2018, 8, 3794.	1.6	8
152	Collaborative hierarchy maintains cooperation in asymmetric games. <i>Scientific Reports</i> , 2018, 8, 5375.	1.6	8
153	An experimental study of network effects on coordination in asymmetric games. <i>Scientific Reports</i> , 2019, 9, 6842.	1.6	8
154	Internal mode dynamics in driven nonlinear Klein-Gordon systems. <i>European Physical Journal B</i> , 2001, 19, 107-115.	0.6	7
155	Random topologies and the emergence of cooperation: the role of short-cuts. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P04019.	0.9	7
156	Emotions and Strategic Behaviour: The Case of the Ultimatum Game. <i>PLoS ONE</i> , 2016, 11, e0158733.	1.1	7
157	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	7
158	Topological soliton dynamics in a stochastic ϕ^4 model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991, 152, 184-190.	0.9	6
159	Growth Dynamics of Crystalline Tensionless Surfaces. <i>Physical Review Letters</i> , 1997, 78, 4982-4985.	2.9	6
160	Equilibrium roughening transition in a one-dimensional modified sine-Gordon model. <i>Physical Review E</i> , 2004, 70, 061607.	0.8	6
161	Reputation-Based Mechanisms for Evolutionary Master-Worker Computing. <i>Lecture Notes in Computer Science</i> , 2013, , 98-113.	1.0	6
162	Evolution of social relationships between first-year students at middle school: from cliques to circles. <i>Scientific Reports</i> , 2021, 11, 11694.	1.6	6

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163	On the fractal characteristics of the $\hat{\Gamma}$ model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1992, 191, 123-127.	1.2	5
164	Smoothing of rough surfaces. <i>Physical Review B</i> , 1995, 52, 5433-5444.	1.1	5
165	Phase transition in tensionless surfaces. <i>Biophysical Chemistry</i> , 2005, 115, 187-193.	1.5	5
166	The shared reward dilemma on structured populations. <i>Journal of Economic Interaction and Coordination</i> , 2009, 4, 183-193.	0.4	5
167	Understanding drivers when investing for impact: an experimental study. <i>Palgrave Communications</i> , 2020, 6, .	4.7	5
168	Miniband landscape of disordered dimer superlattices. <i>Physica D: Nonlinear Phenomena</i> , 1997, 107, 166-170.	1.3	4
169	Noise effects on synchronized globally coupled oscillators. <i>Europhysics Letters</i> , 1998, 44, 409-415.	0.7	4
170	Theory must be informed by experiments (and back). <i>Physics of Life Reviews</i> , 2015, 14, 52-53.	1.5	4
171	Competing for congestible goods: experimental evidence on parking choice. <i>Scientific Reports</i> , 2020, 10, 20803.	1.6	4
172	High conductance in random superlattices with correlated disorder. <i>Solid-State Electronics</i> , 1996, 40, 433-436.	0.8	3
173	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.	0.9	3
174	Zero temperature landscape of the random sine-Gordon model. <i>Physica D: Nonlinear Phenomena</i> , 1997, 107, 326-329.	1.3	3
175	Super-roughening as a disorder-dominated flat phase. <i>Europhysics Letters</i> , 2004, 66, 552-558.	0.7	3
176	Reply to "Comment on "Existence of internal modes of sine-Gordon kinks"". <i>Physical Review E</i> , 2006, 73, .	0.8	3
177	Crowd Computing as a Cooperation Problem: An Evolutionary Approach. <i>Journal of Statistical Physics</i> , 2013, 151, 654-672.	0.5	3
178	RATCHETS IN HOMOGENEOUS EXTENDED SYSTEMS: INTERNAL MODES AND THE ROLE OF NOISE. <i>Fluctuation and Noise Letters</i> , 2004, 04, L571-L584.	1.0	2
179	TURNOUT INTENTION AND RANDOM SOCIAL NETWORKS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2011, 14, 31-53.	0.9	2
180	Equal status in Ultimatum Games promotes rational sharing. <i>Scientific Reports</i> , 2018, 8, 1222.	1.6	2

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181	Integration and diversity. <i>Experimental Economics</i> , 2021, 24, 387-413.	1.0	2
182	Framing in multiple public goods games and donation to charities. <i>Royal Society Open Science</i> , 2021, 8, 202117.	1.1	2
183	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.	1.5	2
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