

Social diversity promotes the emergence of cooperation

Nature

454, 213-216

DOI: [10.1038/nature06940](https://doi.org/10.1038/nature06940)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Field Dependence of Magnetoresistance in No-binder Soft Carbons at 77Å°K. Japanese Journal of Applied Physics, 1971, 10, 416-420.	0.8	20
2	Design of a cw HF laser with a spherical telescopic resonator. Soviet Journal of Quantum Electronics, 1977, 7, 1423-1425.	0.1	5
3	The evolution of prompt reaction to adverse ties. BMC Evolutionary Biology, 2008, 8, 287.	3.2	44
4	Making new connections towards cooperation in the prisoner's dilemma game. Europhysics Letters, 2008, 84, 50007.	0.7	218
5	Ageing as a price of cooperation and complexity: Self-organization of complex systems causes the ageing of constituent networks. Nature Precedings, 2008, , .	0.1	2
6	Reducing the heterogeneity of payoffs: An effective way to promote cooperation in the prisonerâ€™s dilemma game. Physical Review E, 2009, 80, 031144.	0.8	22
7	Impact of aging on the evolution of cooperation in the spatial prisonerâ€™s dilemma game. Physical Review E, 2009, 80, 021901.	0.8	173
8	Diversity-optimized cooperation on complex networks. Physical Review E, 2009, 79, 056107.	0.8	132
9	Partner switching stabilizes cooperation in coevolutionary prisonerâ€™s dilemma. Physical Review E, 2009, 79, 036101.	0.8	187
10	Diversity of rationality affects the evolution of cooperation. Physical Review E, 2009, 79, 055101.	0.8	36
11	Evolutionary dynamics on graphs: Efficient method for weak selection. Physical Review E, 2009, 79, 046707.	0.8	89
12	Effects of social diversity on the emergence of global consensus in opinion dynamics. Physical Review E, 2009, 80, 046108.	0.8	53
13	Emergence of social cooperation in threshold public goods games with collective risk. Physical Review E, 2009, 80, 016101.	0.8	99
14	Topology-independent impact of noise on cooperation in spatial public goods games. Physical Review E, 2009, 80, 056109.	0.8	321
15	Cooperation in an evolutionary prisonerâ€™s dilemma on networks with degree-degree correlations. Physical Review E, 2009, 80, 026105.	0.8	13
16	Partner selections in public goods games with constant group size. Physical Review E, 2009, 80, 026121.	0.8	60
17	Reacting Differently to Adverse Ties Promotes Cooperation in Social Networks. Physical Review Letters, 2009, 102, 058105.	2.9	146
18	Evolutionary intelligence and complexity management in social economic systems. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Evolution of cooperation on scale-free networks subject to error and attack. <i>New Journal of Physics</i> , 2009, 11, 033027.	1.2	196
20	Emergence of multilevel selection in the prisoner's dilemma game on coevolving random networks. <i>New Journal of Physics</i> , 2009, 11, 093033.	1.2	167
21	Effect of the degree correlation in public goods game on scale-free networks. <i>Europhysics Letters</i> , 2009, 87, 30001.	0.7	97
22	The Ultimatum Game in complex networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P09012.	0.9	61
23	The prisoner's dilemma in structured scale-free networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 245002.	0.7	18
24	Resolving social dilemmas on evolving random networks. <i>Europhysics Letters</i> , 2009, 86, 30007.	0.7	236
25	Population Structure Induces a Symmetry Breaking Favoring the Emergence of Cooperation. <i>PLoS Computational Biology</i> , 2009, 5, e1000596.	1.5	51
26	Evolutionary dynamics of collective action in N -person stag hunt dilemmas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 315-321.	1.2	285
27	Evolutionary dynamics in set structured populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8601-8604.	3.3	222
28	Ageing as a price of cooperation and complexity. <i>BioEssays</i> , 2009, 31, 651-664.	1.2	28
29	Uncertainty of cooperation in random scale-free networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 2757-2761.	1.2	6
30	Evolutionary game in a structured population: Theory and application. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 3155-3163.	1.2	0
31	Sort out your neighbourhood. <i>Synthese</i> , 2009, 168, 273-294.	0.6	20
32	The effects of time-varying rewards on the evolution of cooperation. <i>Evolutionary Intelligence</i> , 2009, 2, 207-218.	2.3	23
33	Animal social networks: an introduction. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 967-973.	0.6	274
34	Preferential selection promotes cooperation in a spatial public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 4646-4650.	1.2	58
35	The effect of asymmetric payoff mechanism on evolutionary networked prisoner's dilemma game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 5005-5012.	1.2	50
36	Strategy selection in structured populations. <i>Journal of Theoretical Biology</i> , 2009, 259, 570-581.	0.8	217

#	ARTICLE	IF	CITATIONS
37	Evolution of cooperation under -person snowdrift games. Journal of Theoretical Biology, 2009, 260, 581-588.	0.8	195
38	Cooperation enhanced by moderate tolerance ranges in myopically selective interactions. Physical Review E, 2009, 80, 046109.	0.8	43
39	The coevolution of loyalty and cooperation. , 2009, , .		0
40	Adoption of simultaneous different strategies against different opponents enhances cooperation. Europhysics Letters, 2009, 86, 38001.	0.7	47
41	Individual's expulsion to nasty environment promotes cooperation in public goods games. Europhysics Letters, 2009, 88, 30011.	0.7	45
42	Diversity of game strategies promotes the evolution of cooperation in public goods games. Europhysics Letters, 2010, 90, 68005.	0.7	10
43	Promotion of cooperation induced by nonuniform payoff allocation in spatial public goods game. European Physical Journal B, 2010, 73, 455-459.	0.6	40
44	Diversity of contribution promotes cooperation in public goods games. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3166-3171.	1.2	49
45	Elimination mechanism promotes cooperation in coevolutionary prisoner's dilemma games. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 4081-4086.	1.2	19
46	Anti-social punishment can prevent the co-evolution of punishment and cooperation. Journal of Theoretical Biology, 2010, 265, 624-632.	0.8	211
47	Cooperation and charity in spatial public goods game under different strategy update rules. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1090-1098.	1.2	17
48	Effects of social diversity on the evolutionary game and opinion dynamics. Physics Procedia, 2010, 3, 1859-1865.	1.2	8
49	Evolutionary public goods games on scale-free networks with unequal payoff allocation mechanism. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1099-1104.	1.2	32
50	The evolutionary public goods game on scale-free networks with heterogeneous investment. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1273-1280.	1.2	117
51	Dynamic peer-to-peer competition. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2628-2636.	1.2	21
52	Heterogeneity of allocation promotes cooperation in public goods games. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 4708-4714.	1.2	43
53	Heritability promotes cooperation in spatial public goods games. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5719-5724.	1.2	20
54	Cooperation in the snowdrift game on directed small-world networks under self-questioning and noisy conditions. Computer Physics Communications, 2010, 181, 2057-2062.	3.0	31

#	ARTICLE	IF	CITATIONS
55	Coevolutionary games – A mini review. <i>BioSystems</i> , 2010, 99, 109-125.	0.9	1,630
56	Hunting, gathering, investing, globalizing: The biological roots of economic behaviour. <i>Systems Research and Behavioral Science</i> , 2010, 27, 510-522.	0.9	5
57	MATHEMATICS OF KIN- AND GROUP-SELECTION: FORMALLY EQUIVALENT?. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 316-323.	1.1	50
58	Socioecological methods for designing marine conservation programs: a Solomon Islands example. , 0, , 349-376.		0
59	How Social Inequality Can Promote Cooperation. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	0
60	Contextual Modulation of Biases in Face Recognition. <i>PLoS ONE</i> , 2010, 5, e12939.	1.1	9
61	Fundamental and Real-World Challenges in Economics. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	13
62	Maintenance of cooperation induced by punishment in public goods games. <i>Chinese Physics B</i> , 2010, 19, 100204.	0.7	22
63	Stochastic evolutionary dynamics of direct reciprocity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 463-468.	1.2	79
64	Evolutionary dynamics in structured populations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 19-30.	1.8	392
65	Coevolution of Cooperation, Response to Adverse Social Ties and Network Structure. <i>Games</i> , 2010, 1, 317-337.	0.4	15
66	Defector-accelerated cooperativeness and punishment in public goods games with mutations. <i>Physical Review E</i> , 2010, 81, 057104.	0.8	110
67	The Dynamics of Two Cognitive Heuristics for Coordination on Networks. , 2010, , .		0
68	Role of adaptive migration in promoting cooperation in spatial games. <i>Physical Review E</i> , 2010, 81, 036108.	0.8	130
69	Impact of critical mass on the evolution of cooperation in spatial public goods games. <i>Physical Review E</i> , 2010, 81, 057101.	0.8	129
70	The roles of small-world and degree heterogeneity on evolutionary behavior networks. , 2010, , .		0
71	Imitation vs evolution: Analysing the effects of strategy update mechanisms in N-player social dilemmas. , 2010, , .		3
72	Role of aspiration-induced migration in cooperation. <i>Physical Review E</i> , 2010, 81, 065101.	0.8	136

#	ARTICLE	IF	CITATIONS
73	Effective usage of credit records promotes cooperation on weighted networks. Physical Review E, 2010, 81, 036112.	0.8	22
74	Cascade of elimination and emergence of pure cooperation in coevolutionary games on networks. Physical Review E, 2010, 81, 035102.	0.8	51
75	Coevolution of strategy and structure on social networks. , 2010, , .		0
76	BRIBE AND PUNISHMENT: EFFECTS OF SIGNALING, GOSSIPING, AND BRIBERY IN PUBLIC GOODS GAMES. International Journal of Modeling, Simulation, and Scientific Computing, 2010, 13, 755-771.	0.9	5
77	Evolutionary Establishment of Moral and Double Moral Standards through Spatial Interactions. PLoS Computational Biology, 2010, 6, e1000758.	1.5	294
78	Critical Dynamics in the Evolution of Stochastic Strategies for the Iterated Prisoner's Dilemma. PLoS Computational Biology, 2010, 6, e1000948.	1.5	23
79	Coordinating towards a Common Good. , 2010, , .		1
80	Game study on the populational Parrondo's paradox based on complex network. , 2010, , .		0
81	Group penalty on the evolution of cooperation in spatial public goods games. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P12004.	0.9	6
82	Reward and cooperation in the spatial public goods game. Europhysics Letters, 2010, 92, 38003.	0.7	479
83	Patterns of cooperation: fairness and coordination in networks of interacting agents. New Journal of Physics, 2010, 12, 063023.	1.2	30
84	Punish, but not too hard: how costly punishment spreads in the spatial public goods game. New Journal of Physics, 2010, 12, 083005.	1.2	314
85	Promotion of cooperation in the form C_0 C_1 D classified by $\tilde{\text{degree}}^{\text{grads}}$ in a scale-free network. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P08009.	0.9	1
86	Cooperation in evolutionary games on complex networks. , 2010, , .		1
87	Effects of cost threshold and noise in spatial snowdrift games with fixed multi-person interactions. Europhysics Letters, 2010, 90, 38003.	0.7	36
88	Game study on the populational Parrondo's paradox based on BA network. , 2010, , .		0
89	Dynamically generated cyclic dominance in spatial prisoner's dilemma games. Physical Review E, 2010, 82, 036110.	0.8	70
90	Feedback reciprocity mechanism promotes the cooperation of highly clustered scale-free networks. Physical Review E, 2010, 82, 047101.	0.8	83

#	ARTICLE	IF	CITATIONS
91	Effects of heterogeneous wealth distribution on public cooperation with collective risk. <i>Physical Review E</i> , 2010, 82, 016102.	0.8	73
92	Cooperative behavior cascades in human social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5334-5338.	3.3	579
93	On Cooperative and Efficient Overlay Network Evolution Based on a Group Selection Pattern. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010, 40, 493-504.	5.5	22
94	On cooperative and efficient overlay network evolution based on a group selection pattern. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010, 40, 656-667.	5.5	14
95	Effect of clustering coefficient on cooperation in scale-free public goods game. , 2010, , .		7
96	Self-Organization and Emergence in Social Systems: Modeling the Coevolution of Social Environments and Cooperative Behavior. <i>Journal of Mathematical Sociology</i> , 2011, 35, 177-208.	0.6	62
97	Evolution of mixed strategies for social dilemmas on structured networks. , 2011, , .		2
98	Evolutionary Dynamics of Collective Action. , 2011, , 119-138.		6
99	Evolutionary games defined at the network mesoscale: The Public Goods game. <i>Chaos</i> , 2011, 21, 016113.	1.0	105
100	Multiple strategies in structured populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2334-2337.	3.3	86
102	Socioecological Approaches for Combining Ecosystem-Based and Customary Management in Oceania. <i>Journal of Marine Biology</i> , 2011, 2011, 1-13.	1.0	17
103	Strength of Social Tie Predicts Cooperative Investment in a Human Social Network. <i>PLoS ONE</i> , 2011, 6, e18338.	1.1	51
104	Moving Away from Nasty Encounters Enhances Cooperation in Ecological Prisoner's Dilemma Game. <i>PLoS ONE</i> , 2011, 6, e27669.	1.1	39
105	Aspiration-induced reconnection in spatial public-goods game. <i>Europhysics Letters</i> , 2011, 94, 18006.	0.7	90
106	Disentangling social and group heterogeneities: Public Goods games on complex networks. <i>Europhysics Letters</i> , 2011, 95, 68003.	0.7	56
107	Questioning the cultural evolution of altruism. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2531-2542.	0.8	22
108	Effects of encounter in a population of spatial prisoner's dilemma players. <i>Theoretical Population Biology</i> , 2011, 80, 226-231.	0.5	3
109	On the mathematical theory of living systems, I: Complexity analysis and representation. <i>Mathematical and Computer Modelling</i> , 2011, 54, 1919-1929.	2.0	6

#	ARTICLE	IF	CITATIONS
110	Oscillatory dynamics in the coevolution of cooperation and mobility. <i>Journal of Theoretical Biology</i> , 2011, 287, 42-47.	0.8	16
111	Enhancement of cooperation in prisoner's dilemma game on weighted lattices. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 4602-4609.	1.2	51
112	Optional contributions have positive effects for volunteering public goods games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 4236-4243.	1.2	9
113	Phase diagrams for the spatial public goods game with pool punishment. <i>Physical Review E</i> , 2011, 83, 036101.	0.8	309
114	Coevolving agent strategies and network topology for the public goods games. <i>European Physical Journal B</i> , 2011, 80, 217-222.	0.6	28
115	Scaling of mean first-passage time as efficiency measure of nodes sending information on scale-free Koch networks. <i>European Physical Journal B</i> , 2011, 80, 209-216.	0.6	18
116	Evolution of cooperation on adaptively weighted networks. <i>Journal of Theoretical Biology</i> , 2011, 272, 8-15.	0.8	38
117	Strategy abundance in evolutionary many-player games with multiple strategies. <i>Journal of Theoretical Biology</i> , 2011, 283, 180-191.	0.8	30
118	P2P soft security: On evolutionary dynamics of P2P incentive mechanism. <i>Computer Communications</i> , 2011, 34, 241-249.	3.1	58
119	Promotion of cooperation by aspiration-induced migration. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 77-82.	1.2	49
120	Evolution of cooperation among mobile agents. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 1615-1622.	1.2	44
121	Partner Selection Shapes the Strategic and Topological Evolution of Cooperation. <i>Dynamic Games and Applications</i> , 2011, 1, 354-369.	1.1	22
122	Universal role of migration in the evolution of cooperation. <i>Science Bulletin</i> , 2011, 56, 3693-3696.	1.7	11
123	Local Replicator Dynamics: A Simple Link Between Deterministic and Stochastic Models of Evolutionary Game Theory. <i>Bulletin of Mathematical Biology</i> , 2011, 73, 2068-2087.	0.9	51
124	The evolution of cooperation in spatial groups. <i>Chaos, Solitons and Fractals</i> , 2011, 44, 131-136.	2.5	32
125	A condition for cooperation in a game on complex networks. <i>Journal of Theoretical Biology</i> , 2011, 269, 224-233.	0.8	44
126	Coveting thy neighbors fitness as a means to resolve social dilemmas. <i>Journal of Theoretical Biology</i> , 2011, 277, 19-26.	0.8	79
127	Bet hedging based cooperation can limit kin selection and form a basis for mutualism. <i>Journal of Theoretical Biology</i> , 2011, 280, 76-87.	0.8	6

#	ARTICLE	IF	CITATIONS
128	Importance of tie strengths in the prisoner's dilemma game on social networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2269-2273.	0.9	7
129	Depreciation of public goods in spatial public goods games. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P10007.	0.9	2
130	Aspiration-based learning promotes cooperation in spatial prisoner's dilemma games. Europhysics Letters, 2011, 94, 60002.	0.7	62
131	Selection pressure transforms the nature of social dilemmas in adaptive networks. New Journal of Physics, 2011, 13, 013007.	1.2	30
132	Iterated n-player games on small-world networks. , 2011, , .		8
133	Mobility enhances cooperation in the presence of decision-making mistakes on complex networks. Physical Review E, 2011, 83, 026105.	0.8	17
134	Diversity and critical behavior in prisoner's dilemma game. Physical Review E, 2011, 83, 057102.	0.8	4
135	Network Reconstruction Based on Evolutionary-Game Data via Compressive Sensing. Physical Review X, 2011, 1, .	2.8	97
137	Group-size effects on the evolution of cooperation in the spatial public goods game. Physical Review E, 2011, 84, 047102.	0.8	126
138	Success-driven distribution of public goods promotes cooperation but preserves defection. Physical Review E, 2011, 84, 037102.	0.8	108
139	Learning dynamics in public goods games. Physical Review E, 2011, 84, 041132.	0.8	8
140	Cascading failures and the emergence of cooperation in evolutionary-game based models of social and economical networks. Chaos, 2011, 21, 033112.	1.0	49
141	Evolution of cooperation in multilevel public goods games with community structures. Europhysics Letters, 2011, 93, 58001.	0.7	38
142	THE DIVERSITY IN THE DECISION FACILITATES COOPERATION IN THE SEQUENTIAL PRISONER'S DILEMMA GAME. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 377-401.	0.9	11
143	Risk of collective failure provides an escape from the tragedy of the commons. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10421-10425.	3.3	211
144	Oscillation in Evolution of Cooperation for Addressing Climate Change. Communications in Theoretical Physics, 2011, 55, 760-764.	1.1	1
145	Evolutionary dynamics of continuous strategy games on social networks under weak selection: A preliminary study. , 2011, , .		1
146	GAME-MODEL RESEARCH ON COOPETITION BEHAVIOR OF PARRONDO'S PARADOX BASED ON NETWORK. Fluctuation and Noise Letters, 2011, 10, 77-91.	1.0	7

#	ARTICLE	IF	CITATIONS
147	COOPERATION AND COMPETITION IN HISTORY-DEPENDENT PARRONDO'S GAME ON NETWORKS. Fluctuation and Noise Letters, 2011, 10, 323-336.	1.0	6
148	EVOLUTIONARY GAMES ON VISIBILITY GRAPHS. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 307-315.	0.9	6
149	Impact of link deletions on public cooperation in scale-free networks. Europhysics Letters, 2011, 93, 40001.	0.7	38
150	Does strong heterogeneity promote cooperation by group interactions?. New Journal of Physics, 2011, 13, 123027.	1.2	139
151	Influence of vertex weight on cooperative behavior in a spatial snowdrift game. Physica Scripta, 2011, 84, 025802.	1.2	29
152	Evolutionary advantages of adaptive rewarding. New Journal of Physics, 2012, 14, 093016.	1.2	126
154	Evolution of quantum and classical strategies on networks by group interactions. New Journal of Physics, 2012, 14, 103034.	1.2	16
155	Self-organization of punishment in structured populations. New Journal of Physics, 2012, 14, 043013.	1.2	186
156	How selection pressure changes the nature of social dilemmas in structured populations. New Journal of Physics, 2012, 14, 073035.	1.2	44
157	On modeling of coevolution of strategies and structure in autonomous overlay networks. ACM Transactions on Autonomous and Adaptive Systems, 2012, 7, 1-23.	0.4	9
158	A Game-Theoretical Approach to Image Segmentation. Lecture Notes in Computer Science, 2012, , 33-42.	1.0	2
159	Promotion of Cooperation in a Spatial Public Goods Game with Long Range Learning and Mobility. Chinese Physics Letters, 2012, 29, 118901.	1.3	1
160	EVOLVING NETWORKS PROMOTES COOPERATION IN PUBLIC GOODS GAMES. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 15, 1250027.	0.9	1
161	Punishment Leads to Cooperative Behavior in Structured Societies. Evolutionary Computation, 2012, 20, 301-319.	2.3	11
162	Universal effect of dynamical reinforcement learning mechanism in spatial evolutionary games. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P06005.	0.9	4
163	Risk-driven migration and the collective-risk social dilemma. Physical Review E, 2012, 86, 036101.	0.8	134
164	Impact of generalized benefit functions on the evolution of cooperation in spatial public goods games with continuous strategies. Physical Review E, 2012, 85, 066133.	0.8	52
165	EVOLUTIONARY DYNAMICS OF CLIMATE CHANGE UNDER COLLECTIVE-RISK DILEMMAS. Mathematical Models and Methods in Applied Sciences, 2012, 22, 1140004.	1.7	45

#	ARTICLE	IF	CITATIONS
166	Optimizing cooperation on complex networks in the presence of failure. <i>Physical Review E</i> , 2012, 86, 045101.	0.8	3
167	Velocity-enhanced cooperation of moving agents playing public goods games. <i>Physical Review E</i> , 2012, 85, 067101.	0.8	53
168	Conditional strategies and the evolution of cooperation in spatial public goods games. <i>Physical Review E</i> , 2012, 85, 026104.	0.8	140
169	Stability and robustness analysis of cooperation cycles driven by destructive agents in finite populations. <i>Physical Review E</i> , 2012, 86, 026105.	0.8	15
170	Cooperation and age structure in spatial games. <i>Physical Review E</i> , 2012, 85, 011149.	0.8	110
171	THE EMERGENCE AND EVOLUTION OF COOPERATION ON COMPLEX NETWORKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012, 22, 1250228.	0.7	2
172	EFFECTS OF ENVIRONMENT KNOWLEDGE ON AGGLOMERATION AND COOPERATION IN SPATIAL PUBLIC GOODS GAMES. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012, 15, 1250056.	0.9	70
173	PREFERENTIAL OPPONENT SELECTION IN PUBLIC GOODS GAMES. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012, 15, 1250074.	0.9	4
174	AGE-RELATED PREFERENTIAL SELECTION CAN PROMOTE COOPERATION IN THE PRISONER'S DILEMMA GAME. <i>International Journal of Modern Physics C</i> , 2012, 23, 1250013.	0.8	37
175	Corpus-Based Intention Recognition in Cooperation Dilemmas. <i>Artificial Life</i> , 2012, 18, 365-383.	1.0	38
176	Evolution of public cooperation on interdependent networks: The impact of biased utility functions. <i>Europhysics Letters</i> , 2012, 97, 48001.	0.7	306
177	Averting group failures in collective-risk social dilemmas. <i>Europhysics Letters</i> , 2012, 99, 68003.	0.7	36
178	Coordination, Differentiation and Fairness in a Population of Cooperating Agents. <i>Games</i> , 2012, 3, 30-40.	0.4	1
179	Game-based control systems: A semi-tensor product formulation. , 2012, , .		2
180	Effects of information asymmetry on cooperation in the prisoners' dilemma game. <i>Chinese Physics B</i> , 2012, 21, 070210.	0.7	2
181	Beyond pairwise strategy updating in the prisoner's dilemma game. <i>Scientific Reports</i> , 2012, 2, 740.	1.6	30
182	Probabilistic interconnection between interdependent networks promotes cooperation in the public goods game. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, P11017.	0.9	67
183	Effects of Iterated Interactions in Multiplayer Spatial Evolutionary Games. <i>IEEE Transactions on Evolutionary Computation</i> , 2012, 16, 537-555.	7.5	59

#	ARTICLE	IF	CITATIONS
184	Crime and socioeconomic conditions: Evidence for non-cultural domain specificity in evolutionary forensic psychology. <i>Aggression and Violent Behavior</i> , 2012, 17, 523-526.	1.2	1
185	Does migration cost influence cooperation among success-driven individuals?. <i>Chaos, Solitons and Fractals</i> , 2012, 45, 1301-1308.	2.5	13
186	Dynamics of N-person snowdrift games in structured populations. <i>Journal of Theoretical Biology</i> , 2012, 315, 81-86.	0.8	74
187	Expectation-driven migration promotes cooperation by group interactions. <i>Physical Review E</i> , 2012, 85, 066104.	0.8	59
188	Continuous game dynamics on populations with a cycle structure under weak selection. , 2012, , .		0
189	Task-Oriented Social Ego Network Generation via Dynamic Collaborator Selection. , 2012, , .		2
190	Evolutionary games on scale-free networks with tunable degree distribution. <i>Europhysics Letters</i> , 2012, 99, 10006.	0.7	23
191	Evolution of Cooperation in Multiplex Networks. <i>Scientific Reports</i> , 2012, 2, 620.	1.6	355
192	Global Cooperation among Diverse Organizations to Reduce Illegal Fishing in the Southern Ocean. <i>Conservation Biology</i> , 2012, 26, 638-648.	2.4	61
193	Evolutionary shift dynamics on a cycle. <i>Journal of Theoretical Biology</i> , 2012, 311, 28-39.	0.8	17
194	GreenATP: APPortunities to catalyze local to global positive tipping points through collaborative innovation networks. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2012, 1, 98-113.	1.9	5
196	The Peerâ€™s Dilemma: A general framework to examine cooperation in pure peer-to-peer systems. <i>Computer Networks</i> , 2012, 56, 3756-3766.	3.2	13
197	Dynamic social networks facilitate cooperation in the N -player Prisonerâ€™s Dilemma. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 6199-6211.	1.2	25
198	Evolutionary public goods games based on historical payoffs. <i>Journal of Electronics</i> , 2012, 29, 523-529.	0.2	0
199	Building cooperative networks. <i>Physical Review E</i> , 2012, 86, 051108.	0.8	6
200	Win-Stay-Lose-Learn Promotes Cooperation in the Spatial Prisoner's Dilemma Game. <i>PLoS ONE</i> , 2012, 7, e30689.	1.1	65
201	The Rationality of Prejudices. <i>PLoS ONE</i> , 2012, 7, e30902.	1.1	6
202	From Local to Global Dilemmas in Social Networks. <i>PLoS ONE</i> , 2012, 7, e32114.	1.1	56

#	ARTICLE	IF	CITATIONS
203	Adaptive and Bounded Investment Returns Promote Cooperation in Spatial Public Goods Games. PLoS ONE, 2012, 7, e36895.	1.1	33
204	Images of Eyes Enhance Investments in a Real-Life Public Good. PLoS ONE, 2012, 7, e37397.	1.1	70
205	Bipartite Graphs as Models of Population Structures in Evolutionary Multiplayer Games. PLoS ONE, 2012, 7, e44514.	1.1	25
206	Influence of Opinion Dynamics on the Evolution of Games. PLoS ONE, 2012, 7, e48916.	1.1	18
207	Where Can Open Collaboration Thrive? A Model of Performance. SSRN Electronic Journal, 0, , .	0.4	2
208	If players are sparse social dilemmas are too: Importance of percolation for evolution of cooperation. Scientific Reports, 2012, 2, 369.	1.6	170
209	Evolution of Moral Behavior. Understanding Complex Systems, 2012, , 153-167.	0.3	0
210	GROUP-SIZE DIVERSITY IN PUBLIC GOODS GAMES. Evolution; International Journal of Organic Evolution, 2012, 66, 623-636.	1.1	47
211	Strategy changing penalty promotes cooperation in spatial prisoner's dilemma game. Chaos, Solitons and Fractals, 2012, 45, 395-401.	2.5	42
212	The conjectured role of Polani et al.'s relevant information, behavioral variation and recursive cognition in selection for a human language faculty. Language Sciences, 2012, 34, 604-618.	0.5	3
213	How mutation affects evolutionary games on graphs. Journal of Theoretical Biology, 2012, 299, 97-105.	0.8	74
214	Multi-player games on the cycle. Journal of Theoretical Biology, 2012, 292, 116-128.	0.8	54
215	The role of diversity in the evolution of cooperation. Journal of Theoretical Biology, 2012, 299, 88-96.	0.8	158
216	Evolutionary dynamics of collective action when individual fitness derives from group decisions taken in the past. Journal of Theoretical Biology, 2012, 298, 8-15.	0.8	16
217	On equilibrium properties of evolutionary multi-player games with random payoff matrices. Theoretical Population Biology, 2012, 81, 264-272.	0.5	45
218	Prosocial norms and degree heterogeneity in social networks. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 849-853.	1.2	17
219	Effect of the depreciation of public goods in spatial public goods games. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 1636-1641.	1.2	11
220	Evolution of cooperation in a heterogeneous population with influential individuals. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 1735-1741.	1.2	6

#	ARTICLE	IF	CITATIONS
221	Dynamic allocation of investments promotes cooperation in spatial public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 2617-2622.	1.2	37
222	Selective investment promotes cooperation in public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 3924-3929.	1.2	23
223	Effects of aspiration on public cooperation in structured populations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 4043-4049.	1.2	37
224	Tolerance-based punishment in continuous public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 4111-4120.	1.2	33
225	Opportunistic Spectrum Access in Cognitive Radio Networks: Global Optimization Using Local Interaction Games. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2012, 6, 180-194.	7.3	273
226	Social welfare maximization for SRSNs using bio-inspired community cooperation mechanism. <i>Science Bulletin</i> , 2012, 57, 125-131.	1.7	10
227	Global Migration Can Lead to Stronger Spatial Selection than Local Migration. <i>Journal of Statistical Physics</i> , 2013, 151, 637-653.	0.5	51
228	New Challenges to Philosophy of Science. , 2013, , .		11
229	Evolutionary dynamics of continuous strategy games on graphs and social networks under weak selection. <i>BioSystems</i> , 2013, 111, 102-110.	0.9	13
230	Equilibria analysis in social dilemma games with Skinnerian agents. <i>Mind and Society</i> , 2013, 12, 219-233.	0.9	7
231	Collective behavior and evolutionary games “ An introduction. <i>Chaos, Solitons and Fractals</i> , 2013, 56, 1-5.	2.5	146
232	Insights from experimental economics on local cooperation in a small-scale fishery management system. <i>Global Environmental Change</i> , 2013, 23, 1402-1409.	3.6	37
233	Influence of network structure on cooperative dynamics in coupled socio-ecological systems. <i>Europhysics Letters</i> , 2013, 104, 28003.	0.7	13
234	On networked non-cooperative games — A semi-tensor product approach. , 2013, , .		4
235	Interdependent network reciprocity in evolutionary games. <i>Scientific Reports</i> , 2013, 3, 1183.	1.6	368
236	Construction of Complex Networks Based on Evolutionary Set Theory. , 2013, , .		0
237	The Effects of Inducing Strategies on Cooperation in Prisoner's Dilemma Games. , 2013, , .		2
238	Evaluate dynamic network with evolutionary game method. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
239	Emergence of cooperation in spatial public goods game with conditional participation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 1840-1847.	1.2	26
240	An imperfect competition on scale-free networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 5453-5460.	1.2	5
241	Quantifying the impact of noise on macroscopic organization of cooperation in spatial games. <i>Chaos, Solitons and Fractals</i> , 2013, 56, 35-44.	2.5	8
242	Shared rewarding overcomes defection traps in generalized volunteer's dilemmas. <i>Journal of Theoretical Biology</i> , 2013, 335, 13-21.	0.8	32
243	The different cooperative behaviors on a kind of scale-free networks with identical degree sequence. <i>Chaos, Solitons and Fractals</i> , 2013, 56, 91-95.	2.5	14
244	The coevolution of partner switching and strategy updating in non-excludable public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 4956-4965.	1.2	14
245	Promoting cooperation in service-oriented MAS through social plasticity and incentives. <i>Journal of Systems and Software</i> , 2013, 86, 520-537.	3.3	10
246	Degree-based assignation of roles in ultimatum games on scale-free networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 1885-1893.	1.2	12
247	Mixed strategy under generalized public goods games. <i>Journal of Theoretical Biology</i> , 2013, 334, 52-60.	0.8	23
248	Role of recommendation in spatial public goods games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 2038-2045.	1.2	15
249	The multi-agent Parrondo's model based on the network evolution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 5414-5421.	1.2	13
250	Reputation-based mutual selection rule promotes cooperation in spatial threshold public goods games. <i>Chaos, Solitons and Fractals</i> , 2013, 56, 181-187.	2.5	45
251	Effectiveness of conditional punishment for the evolution of public cooperation. <i>Journal of Theoretical Biology</i> , 2013, 325, 34-41.	0.8	132
252	Coupled dynamics of mobility and pattern formation in optional public goods games. <i>Chaos, Solitons and Fractals</i> , 2013, 47, 18-26.	2.5	15
253	Noise-induced enhancement of network reciprocity in social dilemmas. <i>Chaos, Solitons and Fractals</i> , 2013, 51, 31-35.	2.5	57
254	Evolution of public cooperation with weighted and conditional strategies. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 4668-4674.	1.2	12
255	The influence of age-driven investment on cooperation in spatial public goods games. <i>Chaos, Solitons and Fractals</i> , 2013, 54, 65-70.	2.5	21
256	Effects of directional migration on prisoner's dilemma game in a square domain. <i>European Physical Journal B</i> , 2013, 86, 1.	0.6	10

#	ARTICLE	IF	CITATIONS
257	Evolutionary dynamics of group interactions on structured populations: a review. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20120997.	1.5	1,023
258	Effects of adaptive dynamical linking in networked games. <i>Physical Review E</i> , 2013, 88, 042128.	0.8	20
259	Cooperation Dynamics on Collaborative Social Networks of Heterogeneous Population. <i>IEEE Journal on Selected Areas in Communications</i> , 2013, 31, 1135-1146.	9.7	17
260	Reward from Punishment Does Not Emerge at All Costs. <i>PLoS Computational Biology</i> , 2013, 9, e1002868.	1.5	21
261	Study on Cooperative Evolution Behaviors in Spatial Public Goods Game Based on Self-Questioning Mechanism. <i>Applied Mechanics and Materials</i> , 0, 380-384, 1783-1787.	0.2	0
263	Spreading of cooperative behaviour across interdependent groups. <i>Scientific Reports</i> , 2013, 3, 2483.	1.6	126
264	Evolution of complex network structure based on the coordination game. , 2013, , .		3
265	Partner switching promotes cooperation among myopic agents on a geographical plane. <i>Physical Review E</i> , 2013, 87, 022823.	0.8	6
266	Decelerated invasion and waning-moon patterns in public goods games with delayed distribution. <i>Physical Review E</i> , 2013, 87, 054801.	0.8	46
267	Social selection of game organizers promotes cooperation in spatial public goods games. <i>Europhysics Letters</i> , 2013, 102, 50006.	0.7	5
268	HETEROGENEOUS ASPIRATIONS PROMOTE COOPERATION IN THE PUBLIC GOODS GAME. <i>International Journal of Modern Physics C</i> , 2013, 24, 1250089.	0.8	10
269	Optimal interdependence between networks for the evolution of cooperation. <i>Scientific Reports</i> , 2013, 3, 2470.	1.6	236
270	Aspiration-Based Risk Preference in Public Goods Game on Scale-free Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 91-95.	0.4	0
271	Adaptive role switching promotes fairness in networked ultimatum game. <i>Scientific Reports</i> , 2013, 3, 1550.	1.6	46
272	Evolution of collective action in adaptive social structures. <i>Scientific Reports</i> , 2013, 3, 1521.	1.6	33
273	The Increased Risk of Joint Venture Promotes Social Cooperation. <i>PLoS ONE</i> , 2013, 8, e63801.	1.1	12
274	Evolution of Cooperation in a Heterogeneous Graph: Fixation Probabilities under Weak Selection. <i>PLoS ONE</i> , 2013, 8, e66560.	1.1	12
275	Collective Chasing Behavior between Cooperators and Defectors in the Spatial Prisoner's Dilemma. <i>PLoS ONE</i> , 2013, 8, e67702.	1.1	7

#	ARTICLE	IF	CITATIONS
276	Coevolution of Quantum and Classical Strategies on Evolving Random Networks. PLoS ONE, 2013, 8, e68423.	1.1	33
277	Understanding Recurrent Crime as System-Immanent Collective Behavior. PLoS ONE, 2013, 8, e76063.	1.1	56
278	Moderate Intra-Group Bias Maximizes Cooperation on Interdependent Populations. PLoS ONE, 2014, 9, e88412.	1.1	17
279	Role of Investment Heterogeneity in the Cooperation on Spatial Public Goods Game. PLoS ONE, 2014, 9, e91012.	1.1	56
280	Aspiration-Based Partner Switching Boosts Cooperation in Social Dilemmas. PLoS ONE, 2014, 9, e97866.	1.1	18
281	Relational Diversity Promotes Cooperation in Prisoner's Dilemma Games. PLoS ONE, 2014, 9, e114464.	1.1	7
282	Optimal distribution of incentives for public cooperation in heterogeneous interaction environments. Frontiers in Behavioral Neuroscience, 2014, 8, 248.	1.0	44
283	Higher-order clique based image segmentation using evolutionary game theory. Artificial Intelligence Research, 2014, 3, .	0.3	3
284	Evolution of cooperation in the traveler's dilemma game on two coupled lattices. Applied Mathematics and Computation, 2014, 246, 389-398.	1.4	71
285	Solving the collective-risk social dilemma with risky assets in well-mixed and structured populations. Physical Review E, 2014, 90, 052823.	0.8	30
286	Graph centrality measures and the robustness of cooperation. , 2014, , .		0
287	Convergence of potential networked evolutionary games. , 2014, , .		0
288	Group preferential selection promotes cooperation in spatial public goods game. International Journal of Modern Physics C, 2014, 25, 1450062.	0.8	5
289	Effects of aspiration-induced adaptation and migration on the evolution of cooperation. International Journal of Modern Physics C, 2014, 25, 1450025.	0.8	11
290	Games on graphs. EMS Surveys in Mathematical Sciences, 2014, 1, 113-151.	1.5	126
291	Probabilistic sharing solves the problem of costly punishment. New Journal of Physics, 2014, 16, 083016.	1.2	190
292	Cooperation percolation in spatial prisoner's dilemma game. New Journal of Physics, 2014, 16, 013010.	1.2	32
293	Evolutionary Game Dynamics in Populations with Heterogenous Structures. PLoS Computational Biology, 2014, 10, e1003567.	1.5	96

#	ARTICLE	IF	CITATIONS
294	Evolution of All-or-None Strategies in Repeated Public Goods Dilemmas. <i>PLoS Computational Biology</i> , 2014, 10, e1003945.	1.5	40
295	Towards control of evolutionary games on networks. , 2014, , .		9
296	Self-organization towards optimally interdependent networks by means of coevolution. <i>New Journal of Physics</i> , 2014, 16, 033041.	1.2	187
297	On convergence of evolutionary games. , 2014, , .		0
298	Networks maximizing the consensus time of voter models. <i>Physical Review E</i> , 2014, 90, 012816.	0.8	7
299	Resolving Conflicts During the Evolutionary Transition to Multicellular Life. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 599-620.	3.8	47
300	Degree mixing in multilayer networks impedes the evolution of cooperation. <i>Physical Review E</i> , 2014, 89, 052813.	0.8	209
301	Evolutionary dynamics of time-resolved social interactions. <i>Physical Review E</i> , 2014, 90, 052825.	0.8	38
302	Local Information Promotes Cooperation in Duplex Public Goods Games with Limited Resources. , 2014, , .		0
303	The role of emotions in the maintenance of cooperative behaviors. <i>Europhysics Letters</i> , 2014, 106, 18007.	0.7	5
304	Evolutionary dynamics of cooperation on interdependent networks with the Prisoner's Dilemma and Snowdrift Game. <i>Europhysics Letters</i> , 2014, 107, 58006.	0.7	41
305	Emergence of cooperation in non-scale-free networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 225003.	0.7	6
306	Strategy Selection in Evolutionary Game Dynamics on Group Interaction Networks. <i>Bulletin of Mathematical Biology</i> , 2014, 76, 2785-2805.	0.9	8
307	Cyclic dominance in evolutionary games: a review. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140735.	1.5	392
308	The Past, Present, and Future of Artificial Life. <i>Frontiers in Robotics and AI</i> , 2014, 1, .	2.0	48
309	Promotion of cooperation due to diversity of players in the spatial public goods game with increasing neighborhood size. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 406, 145-154.	1.2	77
310	Individual behavior and social wealth in the spatial public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 402, 141-149.	1.2	16
311	Rewarding evolutionary fitness with links between populations promotes cooperation. <i>Journal of Theoretical Biology</i> , 2014, 349, 50-56.	0.8	203

#	ARTICLE	IF	CITATIONS
312	Measures of success in a class of evolutionary models with fixed population size and structure. <i>Journal of Mathematical Biology</i> , 2014, 68, 109-143.	0.8	64
314	Promotion of cooperation induced by a self-questioning update rule in the spatial traveler's dilemma game. <i>European Physical Journal Plus</i> , 2014, 129, 1.	1.2	5
315	Evolutionary dynamics of n -player games played by relatives. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130359.	1.8	24
316	Open Collaboration for Innovation: Principles and Performance. <i>Organization Science</i> , 2014, 25, 1414-1433.	3.0	149
317	Optional games on cycles and complete graphs. <i>Journal of Theoretical Biology</i> , 2014, 356, 98-112.	0.8	31
318	Do not aim too high nor too low: Moderate expectation-based group formation promotes public cooperation on networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 410, 259-267.	1.2	9
319	Efficiency and sustainability analysis of biogas and electricity production from a large-scale biogas project in China: an emergy evaluation based on LCA. <i>Journal of Cleaner Production</i> , 2014, 65, 234-245.	4.6	74
320	Reproductive value in graph-structured populations. <i>Journal of Theoretical Biology</i> , 2014, 340, 285-293.	0.8	37
321	Inverse Stackelberg Public Goods Game with Multiple Hierarchies Under Global and Local Information Structures. <i>Journal of Optimization Theory and Applications</i> , 2014, 163, 332-350.	0.8	6
322	Evolutionarily Stable Strategy of Networked Evolutionary Games. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014, 25, 1335-1345.	7.2	75
323	STRATEGIES FOR COOPERATION EMERGENCE IN DISTRIBUTED SERVICE DISCOVERY. <i>Cybernetics and Systems</i> , 2014, 45, 222-240.	1.6	3
324	Climate policies under wealth inequality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2212-2216.	3.3	112
325	Information dissemination in vehicular networks via evolutionary game theory. , 2014, , .		12
326	Climate governance as a complex adaptive system. <i>Physics of Life Reviews</i> , 2014, 11, 595-597.	1.5	2
327	Older partner selection promotes the prevalence of cooperation in evolutionary games. <i>Journal of Theoretical Biology</i> , 2014, 359, 171-183.	0.8	12
328	Social influence promotes cooperation in the public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 413, 86-93.	1.2	48
329	Selfish punishment with avoiding mechanism can alleviate both first-order and second-order social dilemma. <i>Journal of Theoretical Biology</i> , 2014, 361, 111-123.	0.8	21
330	Cooperation and popularity in spatial games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 414, 86-94.	1.2	25

#	ARTICLE	IF	CITATIONS
331	Intergroup information exchange drives cooperation in the public goods game. <i>Physical Review E</i> , 2014, 90, 042808.	0.8	19
332	The structure and dynamics of multilayer networks. <i>Physics Reports</i> , 2014, 544, 1-122.	10.3	2,469
333	Different perceptions of social dilemmas: Evolutionary multigames in structured populations. <i>Physical Review E</i> , 2014, 90, 032813.	0.8	92
334	Design and evaluation of a multiagent interaction protocol generating behaviours with different levels of complexity. <i>Neurocomputing</i> , 2014, 146, 173-186.	3.5	11
335	Robustness of cooperation on scale-free networks in the evolutionary prisoner's dilemma game. <i>Europhysics Letters</i> , 2014, 105, 48003.	0.7	15
336	Semi-tensor product approach to networked evolutionary games. <i>Control Theory and Technology</i> , 2014, 12, 198-214.	1.0	25
337	Adoption of different strategies in diversity-optimized populations promotes cooperation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 394, 158-165.	1.2	3
338	Other-regarding preference causing ping-pong effect in self-questioning game. <i>Chaos, Solitons and Fractals</i> , 2014, 59, 51-58.	2.5	6
339	Climate change governance, cooperation and self-organization. <i>Physics of Life Reviews</i> , 2014, 11, 573-586.	1.5	103
340	Effects of payoff-related velocity in the co-evolutionary snowdrift game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 393, 304-311.	1.2	19
341	Heterogeneity in background fitness acts as a suppressor of selection. <i>Journal of Theoretical Biology</i> , 2014, 343, 178-185.	0.8	23
342	On finite potential games. <i>Automatica</i> , 2014, 50, 1793-1801.	3.0	197
343	Optimism when winning and cautiousness when losing promote cooperation in the spatial prisoner's dilemma game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 408, 181-189.	1.2	6
344	Evidence for ecological learning and domain specificity in rational asset pricing and market efficiency. <i>Journal of Socio-Economics</i> , 2014, 48, 27-39.	1.0	5
345	Optimisation of strategy placements for public good in complex networks. , 2014, , .		5
346	On Networked Evolutionary Games Part 1: Formulation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 275-280.	0.4	1
347	On dynamics and Nash equilibriums of networked games. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2014, 1, 10-18.	8.5	12
348	Promoting cooperation in multi agent systems through fuzzy social plasticity. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
349	Evolutionary dynamics for persistent cooperation in structured populations. <i>Physical Review E</i> , 2015, 91, 062802.	0.8	6
350	Competition and cooperation among different punishing strategies in the spatial public goods game. <i>Physical Review E</i> , 2015, 92, 012819.	0.8	187
351	Entanglement Guarantees Emergence of Cooperation in Quantum Prisoner's Dilemma Games on Networks. <i>Scientific Reports</i> , 2014, 4, 6286.	1.6	40
352	Zero-Determinant Strategies in Iterated Public Goods Game. <i>Scientific Reports</i> , 2015, 5, 13096.	1.6	99
353	Understanding Cooperative Behavior Based on the Coevolution of Game Strategy and Link Weight. <i>Scientific Reports</i> , 2015, 5, 14783.	1.6	45
354	Bridging gaps to promote networked care between teams and groups in health delivery systems: a systematic review of non-health literature. <i>BMJ Open</i> , 2015, 5, e006567.	0.8	13
355	A double-edged sword: Benefits and pitfalls of heterogeneous punishment in evolutionary inspection games. <i>Scientific Reports</i> , 2015, 5, 11027.	1.6	71
356	When does inferring reputation probability countervail temptation in cooperative behaviors for the prisonersâ€™ dilemma game?. <i>Chaos, Solitons and Fractals</i> , 2015, 78, 238-244.	2.5	62
357	Excessive abundance of common resources deters social responsibility. <i>Scientific Reports</i> , 2015, 4, 4161.	1.6	26
358	The Emergence of Relationship-based Cooperation. <i>Scientific Reports</i> , 2015, 5, 16447.	1.6	9
359	Cooperation with both synergistic and local interactions can be worse than each alone. <i>Scientific Reports</i> , 2014, 4, 5536.	1.6	39
360	Collective punishment is more effective than collective reward for promoting cooperation. <i>Scientific Reports</i> , 2015, 5, 17752.	1.6	37
361	How insurance affects altruistic provision in threshold public goods games. <i>Scientific Reports</i> , 2015, 5, 9098.	1.6	25
362	Directional learning and the provisioning of public goods. <i>Scientific Reports</i> , 2015, 5, 8010.	1.6	55
363	Punitive preferences, monetary incentives and tacit coordination in the punishment of defectors promote cooperation in humans. <i>Scientific Reports</i> , 2015, 5, 10321.	1.6	35
364	Multiple effect of social influence on cooperation in interdependent network games. <i>Scientific Reports</i> , 2015, 5, 14657.	1.6	21
365	Unfavorable Individuals in Social Gaming Networks. <i>Scientific Reports</i> , 2015, 5, 17481.	1.6	3
366	Reputation-Based Conditional Investment Enhances the Evolution of Cooperation in Spatial Public Goods Game. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
367	Dynamics and stability of potential hyper-networked evolutionary games. , 2015, , .		2
368	Cooperate without Looking in a Non-Repeated Game. Games, 2015, 6, 458-472.	0.4	12
369	Stabilization Methods for a Multiagent System with Complex Behaviours. Computational Intelligence and Neuroscience, 2015, 2015, 1-19.	1.1	3
370	Emergence of Super Cooperation of Prisonerâ€™s Dilemma Games on Scale-Free Networks. PLoS ONE, 2015, 10, e0116429.	1.1	12
371	Effect of Heterogeneous Investments on the Evolution of Cooperation in Spatial Public Goods Game. PLoS ONE, 2015, 10, e0120317.	1.1	49
372	Dependency Links Can Hinder the Evolution of Cooperation in the Prisonerâ€™s Dilemma Game on Lattices and Networks. PLoS ONE, 2015, 10, e0121508.	1.1	3
373	Good Samaritans in Networks: An Experiment on How Networks Influence Egalitarian Sharing and the Evolution of Inequality. PLoS ONE, 2015, 10, e0128777.	1.1	9
374	Heterogeneous Coupling between Interdependent Lattices Promotes the Cooperation in the Prisonerâ€™s Dilemma Game. PLoS ONE, 2015, 10, e0129542.	1.1	97
375	Social Stratification and Cooperative Behavior in Spatial Prisoners' Dilemma Games. PLoS ONE, 2015, 10, e0131005.	1.1	18
376	Evolution of Cooperation on Spatial Network with Limited Resource. PLoS ONE, 2015, 10, e0136295.	1.1	1
377	Random allocation of pies promotes the evolution of fairness in the Ultimatum Game. Scientific Reports, 2014, 4, 4534.	1.6	30
378	The evolution of altruism in spatial threshold public goods games via an insurance mechanism. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05001.	0.9	10
379	Effects of partner choice and role assignment in the spatial ultimatum game. Europhysics Letters, 2015, 109, 40013.	0.7	17
380	A study of the dynamics of multi-player games on small networks using territorial interactions. Journal of Mathematical Biology, 2015, 71, 1551-1574.	0.8	16
381	Evolution of cooperation driven by the diversity of emotions. Connection Science, 2015, 27, 89-101.	1.8	8
382	Heterogenous allocation of chips promotes fairness in the Ultimatum Game. Europhysics Letters, 2015, 109, 68006.	0.7	14
383	Formulation of a class of networked evolutionary games with switched topologies. , 2015, , .		1
384	Probabilistic punishment on free riders in threshold public goods games. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
385	The evolution of behavior strategies among typical games. , 2015, , .		0
386	Exploring social influence on evolutionary prisonerâ€™s dilemma games in networks. Modern Physics Letters B, 2015, 29, 1550184.	1.0	1
387	Equilibrium in repeated Stackelberg Public Goods game with two-leaders-one-follower and one-step-memory. , 2015, , .		0
388	The Influence of Preference Learning on Complex Network Community under the Nash Equilibrium. , 2015, , .		0
389	Effects of behavioral response and vaccination policy on epidemic spreading - an approach based on evolutionary-game dynamics. Scientific Reports, 2015, 4, 5666.	1.6	57
390	The evolution of cooperation in spatial prisonerâ€™s dilemma games with heterogeneous relationships. Physica A: Statistical Mechanics and Its Applications, 2015, 424, 168-175.	1.2	17
392	Coevolution of aspirations and cooperation in spatial prisoner's dilemma game. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P01032.	0.9	24
393	Value homophily benefits cooperation but motivates employing incorrect social information. Journal of Theoretical Biology, 2015, 367, 246-261.	0.8	14
394	Defection and extortion as unexpected catalysts of unconditional cooperation in structured populations. Scientific Reports, 2014, 4, 5496.	1.6	96
395	Inferring to individual diversity promotes the cooperation in the spatial prisonerâ€™s dilemma game. Chaos, Solitons and Fractals, 2015, 71, 91-99.	2.5	14
396	Applying evolutionary anthropology. Evolutionary Anthropology, 2015, 24, 3-14.	1.7	34
397	Decoding covert motivations of free riding and cooperation from multi-feature pattern analysis of EEG signals. Social Cognitive and Affective Neuroscience, 2015, 10, 1210-1218.	1.5	22
398	Behavioral evolution in evacuation crowd based on heterogeneous rationality of small groups. Applied Mathematics and Computation, 2015, 266, 501-506.	1.4	36
399	Evolutionary dynamics of fairness on graphs with migration. Journal of Theoretical Biology, 2015, 380, 103-114.	0.8	23
400	A System Analysis and Biform Game Modeling to Emerging Function and Value of Innovation Networks. Procedia Computer Science, 2015, 55, 852-861.	1.2	5
401	Evolution of cooperation in a multidimensional phenotype space. Theoretical Population Biology, 2015, 102, 60-75.	0.5	9
402	Effect of local information within network layers on the evolution of cooperation in duplex public goods games. Chaos, Solitons and Fractals, 2015, 78, 47-60.	2.5	1
403	Impact of skill intervention on the evolution of cooperation. Physica A: Statistical Mechanics and Its Applications, 2015, 434, 171-180.	1.2	5

#	ARTICLE	IF	CITATIONS
404	Imitating winner or sympathizing loser? Quadratic effects on cooperative behavior in prisonersâ€™ dilemma games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 436, 327-337.	1.2	9
405	Cooperative behavior evolution of small groups on interconnected networks. <i>Chaos, Solitons and Fractals</i> , 2015, 80, 90-95.	2.5	35
406	Societal threat and cultural variation in the strength of social norms: An evolutionary basis. <i>Organizational Behavior and Human Decision Processes</i> , 2015, 129, 14-23.	1.4	201
407	Individual choice and reputation distribution of cooperative behaviors among heterogeneous groups. <i>Chaos, Solitons and Fractals</i> , 2015, 77, 39-46.	2.5	19
408	Mutual punishment promotes cooperation in the spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2015, 77, 230-234.	2.5	44
409	Evolution of cooperation on complex networks with synergistic and discounted group interactions. <i>Europhysics Letters</i> , 2015, 110, 60006.	0.7	18
410	Analytical description for the critical fixations of evolutionary coordination games on finite complex structured populations. <i>Physical Review E</i> , 2015, 91, 042807.	0.8	5
411	Learn good from bad: Effects of good and bad neighbors in spatial prisonersâ€™ dilemma games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 436, 351-358.	1.2	8
412	Crucial role of strategy updating for coexistence of strategies in interaction networks. <i>Physical Review E</i> , 2015, 91, 042101.	0.8	17
413	Evolutionary dynamics of group fairness. <i>Journal of Theoretical Biology</i> , 2015, 378, 96-102.	0.8	30
414	Crime as a complex system. <i>Physics of Life Reviews</i> , 2015, 12, 32-33.	1.5	3
415	Learning process in public goods games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 430, 21-31.	1.2	5
416	Heterogeneity of inferring reputation probability in cooperative behaviors for the spatial prisonersâ€™ dilemma game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 433, 367-378.	1.2	44
417	Effect of migration based on strategy and cost on the evolution of cooperation. <i>Chaos, Solitons and Fractals</i> , 2015, 76, 156-165.	2.5	11
418	Evolutionary dynamics of synergistic and discounted group interactions in structured populations. <i>Journal of Theoretical Biology</i> , 2015, 377, 57-65.	0.8	21
419	Universal scaling for the dilemma strength in evolutionary games. <i>Physics of Life Reviews</i> , 2015, 14, 1-30.	1.5	426
420	Spatial evolutionary public goods game on complete graph and dense complex networks. <i>Scientific Reports</i> , 2015, 5, 9381.	1.6	16
421	Spatial reciprocity for discrete, continuous and mixed strategy setups. <i>Applied Mathematics and Computation</i> , 2015, 259, 552-568.	1.4	34

#	ARTICLE	IF	CITATIONS
422	Network topology control strategy based on spatial evolutionary public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 432, 16-23.	1.2	12
423	Conformity-based cooperation in online social networks: The effect of heterogeneous social influence. <i>Chaos, Solitons and Fractals</i> , 2015, 81, 78-82.	2.5	13
424	Impact of Roles Assignment on Heterogeneous Populations in Evolutionary Dictator Game. <i>Scientific Reports</i> , 2014, 4, 6937.	1.6	21
425	Effect of heterogeneous sub-populations on the evolution of cooperation. <i>Applied Mathematics and Computation</i> , 2015, 270, 681-687.	1.4	19
426	Emotional Multiagent Reinforcement Learning in Spatial Social Dilemmas. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 3083-3096.	7.2	42
427	Modeling, Analysis and Control of Networked Evolutionary Games. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 2402-2415.	3.6	252
428	Uncovering cooperative behaviors with sparse historical behavior data in the spatial games. <i>Applied Mathematics and Computation</i> , 2015, 271, 317-322.	1.4	10
429	Heuristics guide cooperative behaviors in public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 439, 59-65.	1.2	23
430	Evolution of cooperation driven by incremental learning. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 419, 14-22.	1.2	7
431	Biased imitation in coupled evolutionary games in interdependent networks. <i>Scientific Reports</i> , 2014, 4, 4436.	1.6	80
432	Evaluation of forest growth and carbon stock in forestry projects by system dynamics. <i>Journal of Cleaner Production</i> , 2015, 96, 520-530.	4.6	27
433	Strategies of building stock renovation for ageing society. <i>Journal of Cleaner Production</i> , 2015, 88, 349-357.	4.6	42
434	Partially and Wholly Overlapping Networks: The Evolutionary Dynamics of Social Dilemmas on Social Networks. <i>Computational Economics</i> , 2015, 46, 1-14.	1.5	14
435	Statistical physics of crime: A review. <i>Physics of Life Reviews</i> , 2015, 12, 1-21.	1.5	221
436	To Each According to its Degree: The Meritocracy and Topocracy of Embedded Markets. <i>Scientific Reports</i> , 2014, 4, 3784.	1.6	19
437	Interactive diversity promotes the evolution of cooperation in structured populations. <i>New Journal of Physics</i> , 2016, 18, 103007.	1.2	63
438	Emergence of Communities and Diversity in Social Networks. <i>SSRN Electronic Journal</i> , 2016, , .	0.4	1
439	Promoting cooperation through fast response to defection in spatial games. <i>New Journal of Physics</i> , 2016, 18, 103025.	1.2	7

#	ARTICLE	IF	CITATIONS
440	Cooperation Dynamics on Mobile Crowd Networks of Device-to-Device Communications. <i>Mobile Information Systems</i> , 2016, 2016, 1-10.	0.4	0
441	Determinants of Prosocial Behavior in Included Versus Excluded Contexts. <i>Frontiers in Psychology</i> , 2015, 6, 2001.	1.1	14
442	The dynamics of human behavior in the public goods game with institutional incentives. <i>Scientific Reports</i> , 2016, 6, 28809.	1.6	22
443	Social inheritance can explain the structure of animal social networks. <i>Nature Communications</i> , 2016, 7, 12084.	5.8	108
444	Entanglement plays an important role in evolutionary generalized prisoner's dilemma game on small-world networks. , 2016, , .		3
445	On finite harmonic games. , 2016, , .		1
446	Evolution of cooperation under indirect reciprocity and arbitrary exploration rates. <i>Scientific Reports</i> , 2016, 6, 37517.	1.6	30
447	Vector space structure of finite evolutionary games and its application to strategy profile convergence. <i>Journal of Systems Science and Complexity</i> , 2016, 29, 602-628.	1.6	16
448	A novel framework of classical and quantum prisoner's dilemma games on coupled networks. <i>Scientific Reports</i> , 2016, 6, 23024.	1.6	24
449	Dynamics, morphogenesis and convergence of evolutionary quantum Prisoner's Dilemma games on networks. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20150280.	1.0	3
450	From degree-correlated to payoff-correlated activity for an optimal resolution of social dilemmas. <i>Physical Review E</i> , 2016, 94, 062315.	0.8	22
451	Evolution of conditional cooperation under multilevel selection. <i>Scientific Reports</i> , 2016, 6, 23006.	1.6	27
452	Cooperation transition of spatial public goods games. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 123403.	0.9	1
453	The evolution of cooperation in games with multiple strategies under different update rules. , 2016, , .		0
454	The Emergence of Cooperation in Public Goods Games on Randomly Growing Dynamic Networks. <i>Lecture Notes in Computer Science</i> , 2016, , 363-378.	1.0	1
455	Applications of Evolutionary Computation. <i>Lecture Notes in Computer Science</i> , 2016, , .	1.0	2
456	Self-adaptive win-stay-lose-shift reference selection mechanism promotes cooperation on a square lattice. <i>Applied Mathematics and Computation</i> , 2016, 284, 322-331.	1.4	20
457	Formulation and optimization control of a class of networked evolutionary games with switched topologies. <i>Nonlinear Analysis: Hybrid Systems</i> , 2016, 22, 98-107.	2.1	34

#	ARTICLE	IF	CITATIONS
458	Analysis of the expected density of internal equilibria in random evolutionary multi-player multi-strategy games. <i>Journal of Mathematical Biology</i> , 2016, 73, 1727-1760.	0.8	18
459	Culture and cooperation in a spatial public goods game. <i>Physical Review E</i> , 2016, 94, 032303.	0.8	19
460	Back to the basics: how feelings of anger affect cooperation. <i>International Journal of Conflict Management</i> , 2016, 27, 523-546.	1.0	12
461	How the expanded crowd-funding mechanism of some southern rural areas in China affects cooperative behaviors in threshold public goods game. <i>Chaos, Solitons and Fractals</i> , 2016, 91, 649-655.	2.5	20
462	Tolerance-Based Group Scoring Scheme Promotes Cooperation in Public Goods Game. , 2016, , .		2
463	Evolutionary dynamics and individual heterogeneity in multi-agent networking systems. , 2016, , .		1
464	35Âyears of Multilateral Environmental Agreements ratifications: a network analysis. <i>Artificial Intelligence and Law</i> , 2016, 24, 133-148.	3.0	16
465	The public goods game with a new form of shared reward. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 103201.	0.9	8
466	Replicator dynamics with diffusion on multiplex networks. <i>Physical Review E</i> , 2016, 94, 022301.	0.8	12
467	The emergence of cooperation in tie strength models. <i>Chaos, Solitons and Fractals</i> , 2016, 91, 585-590.	2.5	1
468	Evolutionary dynamics of general group interactions in structured populations. <i>Physical Review E</i> , 2016, 93, 022407.	0.8	57
469	Fostering cooperation of selfish agents through public goods in relation to the loners. <i>Physical Review E</i> , 2016, 93, 032320.	0.8	20
470	Evolutionary mixed games in structured populations: Cooperation and the benefits of heterogeneity. <i>Physical Review E</i> , 2016, 93, 042304.	0.8	81
471	Impact of self interaction on the evolution of cooperation in social spatial dilemmas. <i>Chaos, Solitons and Fractals</i> , 2016, 91, 393-399.	2.5	3
472	Competition among networks highlights the power of the weak. <i>Nature Communications</i> , 2016, 7, 13273.	5.8	18
473	Simulating the Past for Understanding the Present. A Critical Review. <i>Computational Social Sciences</i> , 2016, , 1-140.	0.4	5
474	An improved public goods game model with reputation effect on the spatial lattices. <i>Chaos, Solitons and Fractals</i> , 2016, 93, 130-135.	2.5	28
475	Individual wealth-based selection supports cooperation in spatial public goods games. <i>Scientific Reports</i> , 2016, 6, 32802.	1.6	47

#	ARTICLE	IF	CITATIONS
476	The incentive controllability and $\hat{\mu}$ -incentive controllability in an inverse Stackelberg game. , 2016, , .		0
477	Reciprocity in spatial evolutionary public goods game on double-layered network. Scientific Reports, 2016, 6, 31299.	1.6	7
478	Reconstructing direct and indirect interactions in networked public goods game. Scientific Reports, 2016, 6, 30241.	1.6	16
479	Fixation Probabilities for Any Configuration of Two Strategies on Regular Graphs. Scientific Reports, 2016, 6, 39181.	1.6	18
480	Promotion of cooperation by selective group extinction. New Journal of Physics, 2016, 18, 063008.	1.2	12
482	Data based identification and prediction of nonlinear and complex dynamical systems. Physics Reports, 2016, 644, 1-76.	10.3	268
483	Contact-based model for strategy updating and evolution of cooperation. Physica D: Nonlinear Phenomena, 2016, 323-324, 27-34.	1.3	10
485	The institution as a blunt instrument: Cooperation through imperfect observability. Journal of Theoretical Biology, 2016, 396, 182-190.	0.8	1
486	How Much Interconnected Should Networks be for Cooperation to Thrive?. Understanding Complex Systems, 2016, , 125-139.	0.3	2
487	Interconnected Networks. Understanding Complex Systems, 2016, , .	0.3	15
488	Individual variation behind the evolution of cooperation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150087.	1.8	22
489	Friendship-based partner switching promotes cooperation in heterogeneous populations. Physica A: Statistical Mechanics and Its Applications, 2016, 443, 192-199.	1.2	22
490	Interdependency enriches the spatial reciprocity in prisoner's dilemma game on weighted networks. Physica A: Statistical Mechanics and Its Applications, 2016, 442, 388-396.	1.2	35
491	Evolutionary Stability and the Evolution of Cooperation on Heterogeneous Graphs. Dynamic Games and Applications, 2016, 6, 567-579.	1.1	13
492	On the Expected Number of Equilibria in a Multi-player Multi-strategy Evolutionary Game. Dynamic Games and Applications, 2016, 6, 324-346.	1.1	10
493	Evolutionary stability in continuous nonlinear public goods games. Journal of Mathematical Biology, 2017, 74, 499-529.	0.8	7
494	Risk Analysis and Enhancement of Cooperation Yielded by the Individual Reputation in the Spatial Public Goods Game. IEEE Systems Journal, 2017, 11, 1516-1525.	2.9	108
495	Robustness of First- and Second-Order Consensus Algorithms for a Noisy Scale-Free Small-World Koch Network. IEEE Transactions on Control Systems Technology, 2017, 25, 342-350.	3.2	33

#	ARTICLE	IF	CITATIONS
496	Evolutionary Games in Interacting Communities. <i>Dynamic Games and Applications</i> , 2017, 7, 131-156.	1.1	24
497	Emotional decisions in structured populations for the evolution of public cooperation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 468, 475-481.	1.2	24
498	Diversity of neighborhoods promotes cooperation in evolutionary social dilemmas. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 468, 212-218.	1.2	19
499	Spatial structure favors cooperative behavior in the snowdrift game with multiple interactive dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 468, 299-306.	1.2	30
500	Incorporating dominant environment into individual fitness promotes cooperation in the spatial prisoners' dilemma game. <i>Chaos, Solitons and Fractals</i> , 2017, 96, 70-75.	2.5	15
501	Role-separating ordering in social dilemmas controlled by topological frustration. <i>Physical Review E</i> , 2017, 95, 032307.	0.8	35
502	Randomly biased investments and the evolution of public goods on interdependent networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 479, 542-550.	1.2	14
503	Emergence of communities and diversity in social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2887-2891.	3.3	40
504	Universal data-based method for reconstructing complex networks with binary-state dynamics. <i>Physical Review E</i> , 2017, 95, 032303.	0.8	28
505	Promoting cooperation by reputation-driven group formation. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 023403.	0.9	24
506	Emergence of Social Balance in Signed Networks. <i>Springer Proceedings in Complexity</i> , 2017, , 185-192.	0.2	3
507	Evolution of cooperative imitators in social networks. <i>Physical Review E</i> , 2017, 95, 022303.	0.8	6
508	Heterogeneous preference selection promotes cooperation in spatial prisoners' dilemma game. <i>Chaos, Solitons and Fractals</i> , 2017, 100, 20-23.	2.5	10
509	Dependence of evolutionary cooperation on the additive noise to the enhancement level in the spatial public goods game. <i>Europhysics Letters</i> , 2017, 117, 50008.	0.7	3
510	Randomness and diversity matter in the maintenance of the public resources. <i>Europhysics Letters</i> , 2017, 117, 58002.	0.7	7
511	Publishing the donation list incompletely promotes the emergence of cooperation in public goods game. <i>Applied Mathematics and Computation</i> , 2017, 310, 48-56.	1.4	15
512	Guilty repair sustains cooperation, angry retaliation destroys it. <i>Scientific Reports</i> , 2017, 7, 46709.	1.6	12
513	Leadership by example promotes the emergence of cooperation in public goods game. <i>Chaos, Solitons and Fractals</i> , 2017, 101, 100-105.	2.5	16

#	ARTICLE	IF	CITATIONS
514	Evolutionary dynamics of strategies for threshold snowdrift games on complex networks. Knowledge-Based Systems, 2017, 130, 51-61.	4.0	25
515	The evolution of cooperation on geographical networks. Physica A: Statistical Mechanics and Its Applications, 2017, 485, 1-10.	1.2	7
516	Statistical physics of human cooperation. Physics Reports, 2017, 687, 1-51.	10.3	1,036
517	Promotion of cooperation in public goods game by Socialized Speed-Restricted movement. , 2017, , .		1
518	Evolutionary dynamics on any population structure. Nature, 2017, 544, 227-230.	13.7	324
519	Critical mass of public goods and its coevolution with cooperation. Physica A: Statistical Mechanics and Its Applications, 2017, 477, 85-90.	1.2	1
520	Asymmetric public goods game cooperation through pest control. Journal of Theoretical Biology, 2017, 435, 238-247.	0.8	10
521	Multiple tolerances dilute the second order cooperative dilemma. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3785-3797.	0.9	5
522	Sustainable cooperation based on reputation and habituation in the public goods game. BioSystems, 2017, 160, 33-38.	0.9	11
523	Impact of individual difference and investment heterogeneity on the collective cooperation in the spatial public goods game. Knowledge-Based Systems, 2017, 136, 150-158.	4.0	42
524	Determinants of public cooperation in multiplex networks. New Journal of Physics, 2017, 19, 073017.	1.2	95
525	Effects of income redistribution on the evolution of cooperation in spatial public goods games. New Journal of Physics, 2017, 19, 013037.	1.2	28
526	The Beneficial Role of Mobility for the Emergence of Innovation. Scientific Reports, 2017, 7, 1781.	1.6	21
527	Evolution of favoritism and group fairness in a co-evolving three-person ultimatum game. Europhysics Letters, 2017, 118, 48002.	0.7	21
528	Evolutionary dynamics and the evolution of multiplayer cooperation in a subdivided population. Journal of Theoretical Biology, 2017, 429, 105-115.	0.8	13
529	Public goods games on adaptive coevolutionary networks. Chaos, 2017, 27, 073107.	1.0	18
530	When agreement-accepting free-riders are a necessary evil for the evolution of cooperation. Scientific Reports, 2017, 7, 2478.	1.6	19
531	Antisocial rewarding in structured populations. Scientific Reports, 2017, 7, 6212.	1.6	16

#	ARTICLE	IF	CITATIONS
532	Incentivizing the dissemination of truth versus fake news in social networks. , 2017, , .		7
533	Coevolution of Vertex Weights Resolves Social Dilemma in Spatial Networks. Scientific Reports, 2017, 7, 15213.	1.6	44
534	Exploring Voluntary Vaccinating Behaviors using Evolutionary N-person Threshold Games. Scientific Reports, 2017, 7, 16355.	1.6	6
535	Intermediate Levels of Network Heterogeneity Provide the Best Evolutionary Outcomes. Scientific Reports, 2017, 7, 15242.	1.6	17
536	Collective Actions in Three Types of Continuous Public Goods Games in Spatial Networks. Lecture Notes in Computer Science, 2017, , 677-688.	1.0	0
537	Emergence of group cooperation in public goods game on regular small-world network. Wuhan University Journal of Natural Sciences, 2017, 22, 529-534.	0.2	1
538	Heterogeneous resource allocation can change social hierarchy in public goods games. Royal Society Open Science, 2017, 4, 170092.	1.1	26
539	Evolutionary dynamics under interactive diversity. New Journal of Physics, 2017, 19, 103023.	1.2	35
540	Contribution diversity and incremental learning promote cooperation in public goods games. Physica A: Statistical Mechanics and Its Applications, 2017, 486, 827-838.	1.2	9
541	Probabilistic reward or punishment promotes cooperation in evolutionary games. Chaos, Solitons and Fractals, 2017, 103, 289-293.	2.5	30
542	Social diversity promotes cooperation in spatial multigames. Europhysics Letters, 2017, 118, 18002.	0.7	67
543	Group-based strategy diffusion in multiplex networks with weighted values. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 148-156.	1.2	3
544	The maintenance of cooperation in multiplex networks with limited and partible resources of agents. Physica A: Statistical Mechanics and Its Applications, 2017, 467, 499-507.	1.2	5
545	Selection of the distributional rule as an alternative tool to foster cooperation in a Public Good Game. Physica A: Statistical Mechanics and Its Applications, 2017, 468, 482-492.	1.2	8
546	Inferring the reputation enhances the cooperation in the public goods game on interdependent lattices. Applied Mathematics and Computation, 2017, 293, 18-29.	1.4	116
547	Role of delay-based reward in the spatial cooperation. Physica A: Statistical Mechanics and Its Applications, 2017, 465, 153-158.	1.2	31
548	Hamilton's rule. Journal of Theoretical Biology, 2017, 414, 176-230.	0.8	35
549	Promotion of cooperation induced by heterogeneity of both investment and payoff allocation in spatial public goods game. Physica A: Statistical Mechanics and Its Applications, 2017, 465, 454-463.	1.2	33

#	ARTICLE	IF	CITATIONS
550	Environmental effects on simulated emotional and moody agents. Knowledge Engineering Review, 2017, 32, .	2.1	2
551	Hierarchical prisoner's dilemma in hierarchical game for resource competition. New Journal of Physics, 2017, 19, 073008.	1.2	6
552	Stochastic evolutionary voluntary public goods game with punishment in a Quasi-birth-and-death process. Scientific Reports, 2017, 7, 16110.	1.6	34
553	Preferential selection based on degree difference in the spatial prisoner's dilemma games. Europhysics Letters, 2017, 120, 18001.	0.7	20
554	How costly punishment, diversity, and density of connectivity influence cooperation in a biological network. Scientific Reports, 2017, 7, 17319.	1.6	1
555	Networking effects on cooperation in evolutionary N-person threshold games. , 2017, , .		0
556	Convergence of imitation dynamics for public goods games on networks. , 2017, , .		9
557	The impact of social network on the adoption of real-time electricity pricing mechanism. Energy Procedia, 2017, 142, 3154-3159.	1.8	6
558	Cooperation in Public Goods Games: Stay, But Not for Too Long. Games, 2017, 8, 35.	0.4	8
559	Go High or Go Low? Adaptive Evolution of High and Low Relatedness Societies in Social Hymenoptera. Frontiers in Ecology and Evolution, 0, 5, .	1.1	18
560	Structural power and the evolution of collective fairness in social networks. PLoS ONE, 2017, 12, e0175687.	1.1	7
561	Coevolutionary dynamics of phenotypic diversity and contingent cooperation. PLoS Computational Biology, 2017, 13, e1005363.	1.5	19
562	Neighborhood Diversity Promotes Cooperation in Social Dilemmas. IEEE Access, 2018, 6, 5003-5009.	2.6	44
563	Stochastic dynamics and stable equilibrium of evolutionary optional public goods game in finite populations. Physica A: Statistical Mechanics and Its Applications, 2018, 502, 123-134.	1.2	21
564	Heterogeneous investments promote cooperation in evolutionary public goods games. Physica A: Statistical Mechanics and Its Applications, 2018, 502, 570-575.	1.2	64
565	Topology-Driven Diversity for Targeted Influence Maximization with Application to User Engagement in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2421-2434.	4.0	20
566	Tolerance-based punishment and cooperation in spatial public goods game. Chaos, Solitons and Fractals, 2018, 110, 267-272.	2.5	17
567	Multiple scales in metapopulations of public goods producers. Physical Review E, 2018, 97, 042307.	0.8	14

#	ARTICLE	IF	CITATIONS
568	Moran-evolution of cooperation: From well-mixed to heterogeneous complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 497, 319-334.	1.2	7
569	Evolution of cooperation with interactive identity and diversity. <i>Journal of Theoretical Biology</i> , 2018, 442, 149-157.	0.8	30
570	The evolution of cooperation in spatial multigame with voluntary participation. <i>Chaos, Solitons and Fractals</i> , 2018, 109, 41-46.	2.5	4
571	Evolutionary prisoner's dilemma games coevolving on adaptive networks. <i>Journal of Complex Networks</i> , 2018, 6, 1-23.	1.1	14
572	Trust Degree can Preserve Community Structure on Co-evolving Complex Networks in Spatial Generalized Prisoner's Dilemma Game. <i>Wireless Personal Communications</i> , 2018, 102, 3089-3100.	1.8	1
573	Interplay between cooperation-enhancing mechanisms in evolutionary games with tag-mediated interactions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 496, 676-690.	1.2	14
574	Evolutionary dynamics of social dilemmas with asymmetry. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 496, 156-161.	1.2	8
575	Asymmetric learning ability promotes cooperation in structured populations. <i>Chaos, Solitons and Fractals</i> , 2018, 107, 88-91.	2.5	5
576	Relating group size and posting activity of an online community of financial investors: Regularities and seasonal patterns. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 493, 458-466.	1.2	2
577	Statistical Physics and Computational Methods for Evolutionary Game Theory. <i>SpringerBriefs in Complexity</i> , 2018, , .	0.1	20
579	A moderate hatred of the rich mentality promotes cooperation in prisoner's dilemma game. <i>Simulation</i> , 2018, 94, 433-439.	1.1	0
580	Contribution inequality in the spatial public goods game: Should the rich contribute more?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 496, 9-14.	1.2	13
581	Aspiration-based coevolution of link weight promotes cooperation in the spatial prisoner's dilemma game. <i>Royal Society Open Science</i> , 2018, 5, 180199.	1.1	93
582	Spatial public goods game with continuous contributions based on Particle Swarm Optimization learning and the evolution of cooperation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 505, 973-983.	1.2	27
583	Group formation in the spatial public goods game with continuous strategies. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 505, 737-743.	1.2	6
584	Peer pressure and incentive mechanisms in social networks. <i>Europhysics Letters</i> , 2018, 121, 18003.	0.7	8
585	Modelling Mood in Co-operative Emotional Agents. <i>Springer Proceedings in Advanced Robotics</i> , 2018, , 559-572.	0.9	2
586	Impact of punishment on the evolution of cooperation in spatial prisoner's dilemma game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 503, 540-545.	1.2	22

#	ARTICLE	IF	CITATIONS
587	Synergy punishment promotes cooperation in spatial public good game. Chaos, Solitons and Fractals, 2018, 109, 214-218.	2.5	32
588	Heterogeneous investment in spatial public goods game with mixed strategy. Soft Computing, 2018, 22, 1287-1294.	2.1	18
589	Game theory based distributed energy efficient access point selection for wireless sensor network. Wireless Networks, 2018, 24, 523-532.	2.0	6
590	The economics analysis of a Q-learning model of cooperation with punishment and risk taking preferences. Journal of Economic Interaction and Coordination, 2018, 13, 601-613.	0.4	0
591	Cooperation is enhanced by inhomogeneous inertia in spatial prisoner's dilemma game. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 419-425.	1.2	11
592	The role of emotions in spatial prisoner's dilemma game with voluntary participation. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 1396-1407.	1.2	17
593	Rigorous or tolerant: The effect of different reputation attitudes in complex networks. Future Generation Computer Systems, 2018, 83, 476-484.	4.9	11
594	Heterogeneous fitness promotes cooperation in the spatial prisoner's dilemma game. Chaos, Solitons and Fractals, 2018, 106, 141-146.	2.5	9
595	Coevolution of nonlinear group interactions and strategies in well-mixed and structured populations. Journal of Theoretical Biology, 2018, 440, 32-41.	0.8	12
596	Environmental influences on cooperation in social dilemmas on networks. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 2027-2033.	1.2	10
597	The effect of wealth-based anti-expectation behaviors on public cooperation. Physica A: Statistical Mechanics and Its Applications, 2018, 493, 84-93.	1.2	11
598	A Networked N -Player Trust Game and Its Evolutionary Dynamics. IEEE Transactions on Evolutionary Computation, 2018, 22, 866-878.	7.5	58
599	Melioration learning in iterated public goods games: The impact of exploratory noise. Journal of Mathematical Sociology, 2018, 42, 1-16.	0.6	0
600	Community Detection Metrics and Algorithms in Social Networks. , 2018, , .		6
601	Hierarchical invasion of cooperation in complex networks. Journal of Physics Communications, 2018, 2, 025019.	0.5	7
602	Multiplayer Ultimatum Games and Collective Fairness in Networked Communities. , 2018, , .		1
603	Coevolutionary dynamics of aspiration and strategy in spatial repeated public goods games. New Journal of Physics, 2018, 20, 063007.	1.2	38
604	Coevolutionary resolution of the public goods dilemma in interdependent structured populations. Europhysics Letters, 2018, 124, 48003.	0.7	56

#	ARTICLE	IF	CITATIONS
605	Cost-effective external interference for promoting the evolution of cooperation. Scientific Reports, 2018, 8, 15997.	1.6	29
606	The Equivalence Induced by Unifying Fitness Mappings in Frequency-Dependent Moran Process. , 2018, , .		2
607	Multilevel Selection Can Lead to Cooperation in a Public Goods Game. , 2018, , .		0
608	Cooperation percolation in spatial evolutionary games. Europhysics Letters, 2018, 124, 60005.	0.7	9
609	Understanding spatial public goods games on three-layer networks. New Journal of Physics, 2018, 20, 103030.	1.2	25
610	Good influence transmission structure strengthens cooperation in prisonerâ€™s dilemma games. European Physical Journal B, 2018, 91, 1.	0.6	2
611	Social influence preserves cooperative strategies in the conditional cooperator public goods game on a multiplex network. Physical Review E, 2018, 98, .	0.8	13
612	Role of the effective payoff function in evolutionary game dynamics. Europhysics Letters, 2018, 124, 40002.	0.7	2
613	The Evolution of Price Competition Game on Complex Networks. Complexity, 2018, 2018, 1-13.	0.9	2
614	A Longitudinal Multilevel Study of the â€œSocialâ€•Genotype and Diversity of the Phenotype. Frontiers in Psychology, 2018, 9, 2034.	1.1	3
615	Investment preference promotes cooperation in spatial public goods game. PLoS ONE, 2018, 13, e0206486.	1.1	5
616	The How and Why of Consciousness?. Frontiers in Psychology, 2018, 9, 2173.	1.1	1
617	Evolutionary hypergame dynamics. Physical Review E, 2018, 98, .	0.8	8
618	Doubly effects of information sharing on interdependent network reciprocity. New Journal of Physics, 2018, 20, 075005.	1.2	103
619	The prisonerâ€™s dilemma game on scale-free networks with heterogeneous imitation capability. International Journal of Modern Physics C, 2018, 29, 1850077.	0.8	4
620	Evolutionary dynamics in the public goods games with switching between punishment and exclusion. Chaos, 2018, 28, 103105.	1.0	78
621	Competition and partnership between conformity and payoff-based imitations in social dilemmas. New Journal of Physics, 2018, 20, 093008.	1.2	49
622	An economic theory of altruism based on rankings in a stable social hierarchy. International Review of Economics, 2018, 65, 421-447.	0.7	2

#	ARTICLE	IF	CITATIONS
623	Coevolution of teaching ability and cooperation in spatial evolutionary games. Scientific Reports, 2018, 8, 14097.	1.6	3
624	Coevolution of public goods game and networks based on survival of the fittest. PLoS ONE, 2018, 13, e0204616.	1.1	3
625	Individualised aspiration dynamics: Calculation by proofs. PLoS Computational Biology, 2018, 14, e1006035.	1.5	24
626	Locality based wealth rule favors cooperation in costly public goods games. Chaos, Solitons and Fractals, 2018, 116, 1-7.	2.5	6
627	Imitating Contributed Players Promotes Cooperation in the Prisoner's Dilemma Game. IEEE Access, 2018, 6, 53265-53271.	2.6	5
628	Punishment and inspection for governing the commons in a feedback-evolving game. PLoS Computational Biology, 2018, 14, e1006347.	1.5	118
629	Cooperation dynamics of generalized reciprocity in state-based social dilemmas. Physical Review E, 2018, 97, 052305.	0.8	9
630	Extended Corona Product as an Exactly Tractable Model for Weighted Heterogeneous Networks. Computer Journal, 2018, 61, 745-760.	1.5	19
631	Multi-games on interdependent networks and the evolution of cooperation. Physica A: Statistical Mechanics and Its Applications, 2018, 510, 83-90.	1.2	13
632	Effects of inertia on the evolution of cooperation in the voluntary prisoner's dilemma game. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 817-826.	1.2	15
633	Topological enslavement in evolutionary games on correlated multiplex networks. New Journal of Physics, 2018, 20, 053030.	1.2	15
634	Enhancement of cooperation by giving high-degree neighbors more help. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 063407.	0.9	10
635	Asymmetric migration decreases stability but increases resilience in a heterogeneous metapopulation. Nature Communications, 2018, 9, 2969.	5.8	18
636	Role of memory effect in the evolution of cooperation based on spatial prisoner's dilemma game. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 3058-3063.	0.9	48
637	Evolution of Public Cooperation in a Risky Society with Heterogeneous Assets. Frontiers in Physics, 2018, 5, .	1.0	5
638	Robust Consensus of Networked Evolutionary Games with Attackers and Forbidden Profiles. Entropy, 2018, 20, 15.	1.1	8
639	Stochastic evolutionary public goods game with first and second order costly punishments in finite populations. Chinese Physics B, 2018, 27, 060203.	0.7	11
640	Immediate action is the best strategy when facing uncertain climate change. Nature Communications, 2018, 9, 2566.	5.8	28

#	ARTICLE	IF	CITATIONS
641	Multigames with voluntary participation on interdependent networks and the evolution of cooperation. <i>Chaos, Solitons and Fractals</i> , 2018, 114, 151-157.	2.5	11
642	Continuous spatial public goods game with self and peer punishment based on particle swarm optimization. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 1721-1730.	0.9	28
643	Rational conformity behavior can promote cooperation in the prisoner's dilemma game. <i>Chaos, Solitons and Fractals</i> , 2018, 112, 92-96.	2.5	19
644	The impact of lotteries on cooperation in the public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 512, 925-934.	1.2	7
645	A need for incentivizing field hydrology, especially in an era of open data: discussion of "The role of experimental work in hydrological sciences" insights from a community survey". <i>Hydrological Sciences Journal</i> , 2018, 63, 1262-1265.	1.2	6
646	Challenging the evolution of social cooperation in a community governed by central control. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 511, 378-388.	1.2	4
647	Reciprocity-based cooperative phalanx maintained by overconfident players. <i>Physical Review E</i> , 2018, 98, 022309.	0.8	26
648	Cooperation enhanced by the coevolution of teaching activity in evolutionary prisoner's dilemma games with voluntary participation. <i>PLoS ONE</i> , 2018, 13, e0193151.	1.1	25
649	The public goods game on scale-free networks with heterogeneous investment. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 396-404.	1.2	24
650	Understanding cooperative behavior of agents with heterogeneous perceptions in dynamic networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 234-240.	1.2	29
651	Agent-Based Computer Modeling for Understanding Organizational Dynamics. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2019, , 239-249.	0.4	0
652	Strategic Differentiation in Non-Cooperative Games on Networks. , 2019, , .		0
653	Individual diversity between interdependent networks promotes the evolution of cooperation by means of mixed coupling. <i>Scientific Reports</i> , 2019, 9, 11163.	1.6	3
654	Environmental spatial and temporal variability and its role in non-favoured mutant dynamics. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20180781.	1.5	8
655	Evolutionary dynamics of cooperation in a population with probabilistic corrupt enforcers and violators. <i>Mathematical Models and Methods in Applied Sciences</i> , 2019, 29, 2127-2149.	1.7	76
656	Players acting as leaders in turn improve cooperation. <i>Royal Society Open Science</i> , 2019, 6, 190251.	1.1	8
657	Resolving public goods dilemma by giving the poor more support. <i>Applied Mathematics and Computation</i> , 2019, 362, 124529.	1.4	5
658	Reputation-based popularity promotes cooperation in the spatial prisoner's dilemma game. <i>Applied Mathematics and Computation</i> , 2019, 362, 124493.	1.4	12

#	ARTICLE	IF	CITATIONS
659	Evolutionary dynamics of group cooperation with asymmetrical environmental feedback. Europhysics Letters, 2019, 126, 40005.	0.7	38
660	Matching donations based on social capital in Internet crowdfunding can promote cooperation. Physica A: Statistical Mechanics and Its Applications, 2019, 531, 121766.	1.2	12
661	The effect of asymmetric reproductive ability on the evolution of cooperation on interdependent networks. Scientific Reports, 2019, 9, 10760.	1.6	1
662	A network approach to cartel detection in public auction markets. Scientific Reports, 2019, 9, 10818.	1.6	41
663	Effects of update rules on networked N-player trust game dynamics. Communications in Nonlinear Science and Numerical Simulation, 2019, 79, 104870.	1.7	19
664	Evolutionary dynamics of networked multi-person games: mixing opponent-aware and opponent-independent strategy decisions. New Journal of Physics, 2019, 21, 063013.	1.2	3
665	Cooperation dynamics in networked geometric Brownian motion. Physical Review E, 2019, 99, 062312.	0.8	11
666	Voluntary Vaccination through Perceiving Epidemic Severity in Social Networks. Complexity, 2019, 2019, 1-13.	0.9	1
667	Evolution of costly signaling and partial cooperation. Scientific Reports, 2019, 9, 8792.	1.6	7
668	Multilevel Strategic Interaction Game Models for Complex Networks. , 2019, , .		1
669	Detection of Wildfire Smoke Images Based on a Densely Dilated Convolutional Network. Electronics (Switzerland), 2019, 8, 1131.	1.8	31
670	Engineering Na ⁺ /Mo ⁺ O/Graphene Oxide Composites with Enhanced Electrochemical Performance for Lithium Ion Batteries. ChemistryOpen, 2019, 8, 1225-1229.	0.9	2
671	Evolutionary games on isothermal graphs. Nature Communications, 2019, 10, 5107.	5.8	30
672	Evolutionary dynamics of the last mile travel choice. Physica A: Statistical Mechanics and Its Applications, 2019, 536, 122555.	1.2	14
673	Decompositions of finite games: From weighted inner product to standard inner product. Asian Journal of Control, 2019, 21, 2644-2650.	1.9	4
674	Cooperation in Microbial Populations: Theory and Experimental Model Systems. Journal of Molecular Biology, 2019, 431, 4599-4644.	2.0	30
675	Evolutionary Cooperation in Networked Public Goods Game with Dependency Groups. Complexity, 2019, 2019, 1-8.	0.9	0
676	The influence of heterogeneous learning ability on the evolution of cooperation. Scientific Reports, 2019, 9, 13920.	1.6	5

#	ARTICLE	IF	CITATIONS
677	Computational Behavioral Models for Public Goods Games on Social Networks. <i>Games</i> , 2019, 10, 35.	0.4	7
678	Synergistic third-party rewarding and punishment in the public goods game. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190349.	1.0	41
679	Evolution of cooperation in synergistically evolving dynamic interdependent networks: fundamental advantages of coordinated network evolution. <i>New Journal of Physics</i> , 2019, 21, 073057.	1.2	13
680	Aspiration induced interdependence leads to optimal cooperation level. <i>Chaos</i> , 2019, 29, 083114.	1.0	5
681	The evolution of cooperation in multi-games with aspiration-driven updating rule. <i>Chaos, Solitons and Fractals</i> , 2019, 128, 313-317.	2.5	12
682	Conditional rehabilitation of cooperation under strategic uncertainty. <i>Journal of Mathematical Biology</i> , 2019, 79, 1973-2003.	0.8	5
683	Seasonal payoff variations and the evolution of cooperation in social dilemmas. <i>Scientific Reports</i> , 2019, 9, 12575.	1.6	44
684	Winner-weaken-loser-strengthen rule leads to optimally cooperative interdependent networks. <i>Nonlinear Dynamics</i> , 2019, 96, 49-56.	2.7	43
685	On the Expected Number of Internal Equilibria in Random Evolutionary Games with Correlated Payoff Matrix. <i>Dynamic Games and Applications</i> , 2019, 9, 458-485.	1.1	4
686	Using rewards reasonably: The effects of stratified-rewards in public goods game. <i>Chaos, Solitons and Fractals</i> , 2019, 120, 67-74.	2.5	6
687	Self-organized interdependence among populations promotes cooperation by means of coevolution. <i>Chaos</i> , 2019, 29, 013139.	1.0	37
688	Knowing the past improves cooperation in the future. <i>Scientific Reports</i> , 2019, 9, 262.	1.6	48
689	Positive interactions may decrease cooperation in social dilemma experiments. <i>Scientific Reports</i> , 2019, 9, 1017.	1.6	3
690	Cooperation in the spatial public goods game with the second-order reputation evaluation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 1157-1166.	0.9	35
691	Identification of influential invaders in evolutionary populations. <i>Scientific Reports</i> , 2019, 9, 7305.	1.6	27
692	Dissimilarity-driven behavior and cooperation in the spatial public goods game. <i>Scientific Reports</i> , 2019, 9, 7655.	1.6	20
693	A game-theoretic model for users' participation in ephemeral social vehicular networks. <i>International Journal of Communication Systems</i> , 2019, 32, e3998.	1.6	4
694	Incentive mechanism design for security investment with local exit equilibrium on structured populations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 531, 121801.	1.2	1

#	ARTICLE	IF	CITATIONS
695	The public goods game with shared punishment cost in well-mixed and structured populations. <i>Journal of Theoretical Biology</i> , 2019, 476, 36-43.	0.8	10
696	Evolutionary dynamics of cooperation in the public goods game with pool exclusion strategies. <i>Nonlinear Dynamics</i> , 2019, 97, 749-766.	2.7	64
697	Compulsory persistent cooperation in continuous public goods games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 531, 121767.	1.2	3
698	Analyzing Cooperation Dynamics of Group Interaction on Two Kinds of Scale-Free Networks. , 2019, , .		0
699	Symmetry-based decomposition of finite games. <i>Science China Information Sciences</i> , 2019, 62, 1.	2.7	12
700	Evolutionary multiplayer games on graphs with edge diversity. <i>PLoS Computational Biology</i> , 2019, 15, e1006947.	1.5	29
701	Coexistence of Microbial Species in Structured Communities by Forming a Hawk-Dove Game Like Interactive Relationship. <i>Frontiers in Microbiology</i> , 2019, 10, 807.	1.5	5
702	Direct reciprocity and model-predictive rationality explain network reciprocity over social ties. <i>Scientific Reports</i> , 2019, 9, 5367.	1.6	18
703	Explaining Cooperative Behavior in Public Goods Games: How Preferences and Beliefs Affect Contribution Levels. <i>Games</i> , 2019, 10, 15.	0.4	24
704	Dynamics of multiplayer games on complex networks using territorial interactions. <i>Physical Review E</i> , 2019, 99, 032306.	0.8	4
705	History loyalty-based reward promotes cooperation in the spatial public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 525, 1323-1329.	1.2	26
706	The impact of heterogeneous scale return coefficient between groups on the emergence of cooperation in spatial public goods game. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 043402.	0.9	6
707	Reputation-based investment strategy promotes cooperation in public goods games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 523, 886-893.	1.2	65
708	Reflective Evolution Under Strategic Uncertainty. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019, 29, 1950018.	0.7	4
709	Spatial reciprocity in the evolution of cooperation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190041.	1.2	46
710	Spontaneous punishment promotes cooperation in public good game. <i>Chaos, Solitons and Fractals</i> , 2019, 120, 183-187.	2.5	23
711	Dishonest behavior dynamics in the presence of influential agents. , 2019, , .		1
712	Walk the Talk! Exploring (Mis)Alignment of Words and Deeds by Robotic Teammates in a Public Goods Game. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
713	Impact of emergence on the evolution of cooperation in public goods games. , 2019, , .		0
714	Dynamic scale return coefficient with environmental feedback promotes cooperation in spatial public goods game. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 103405.	0.9	2
715	The evolution of cooperation in spatial public goods game with conditional peer exclusion. Chaos, 2019, 29, 103137.	1.0	38
716	Assortativity provides a narrow margin for enhanced cooperation on multilayer networks. New Journal of Physics, 2019, 21, 123016.	1.2	18
717	Replicator population dynamics of group interactions: Broken symmetry, thresholds for metastability, and macroscopic behavior. Physical Review E, 2019, 100, 052307.	0.8	3
718	Spatial voluntary public goods games with tunable loners' payoff. Europhysics Letters, 2019, 128, 28002.	0.7	6
719	Public cooperation in two-layer networks with asymmetric interaction and learning environments. Applied Mathematics and Computation, 2019, 340, 305-313.	1.4	13
720	Evolution of fairness in the mixture of the Ultimatum Game and the Dictator Game. Physica A: Statistical Mechanics and Its Applications, 2019, 519, 319-325.	1.2	16
721	Generalized Social Dilemmas: The Evolution of Cooperation in Populations with Variable Group Size. Bulletin of Mathematical Biology, 2019, 81, 4643-4674.	0.9	22
722	Cleverly handling the donation information can promote cooperation in public goods game. Applied Mathematics and Computation, 2019, 346, 363-373.	1.4	18
723	Adaptive and probabilistic strategy evolution in dynamical networks. Physica A: Statistical Mechanics and Its Applications, 2019, 518, 99-110.	1.2	10
724	Memory-based conformity enhances cooperation in social dilemmas. Applied Mathematics and Computation, 2019, 346, 480-490.	1.4	24
725	Phenotype affinity mediated interactions can facilitate the evolution of cooperation. Journal of Theoretical Biology, 2019, 462, 361-369.	0.8	3
726	Strategy preference promotes cooperation in spatial evolutionary games. Physica A: Statistical Mechanics and Its Applications, 2019, 514, 181-188.	1.2	3
727	Passive network evolution promotes group welfare in complex networks. Chaos, Solitons and Fractals, 2020, 130, 109464.	2.5	40
728	Evolutionary game dynamics in multiagent systems with prosocial and antisocial exclusion strategies. Knowledge-Based Systems, 2020, 188, 104835.	4.0	17
729	Will you cooperate in case the payoff can be guaranteed?. Chaos, Solitons and Fractals, 2020, 130, 109423.	2.5	2
730	Reputation evaluation with tolerance and reputation-dependent imitation on cooperation in spatial public goods game. Chaos, Solitons and Fractals, 2020, 131, 109517.	2.5	30

#	ARTICLE	IF	CITATIONS
731	medAR: An augmented reality application to improve participation in health care decisions by family-based intervention. <i>Health Expectations</i> , 2020, 23, 3-4.	1.1	1
732	Cutaneous nevi and internal cancer risk: Results from two large prospective cohorts of US women. <i>International Journal of Cancer</i> , 2020, 147, 14-20.	2.3	2
733	Interaction stochasticity may hinder cooperation in the spatial public goods game. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126121.	0.9	3
734	Chris Cannings: A Life in Games. <i>Dynamic Games and Applications</i> , 2020, 10, 591-617.	1.1	1
735	Probabilistic punishment and reward under rule of trust-based decision-making in continuous public goods game. <i>Journal of Theoretical Biology</i> , 2020, 486, 110103.	0.8	14
736	Evolutionary dynamics drives role specialization in a community of players. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200174.	1.5	48
737	Mixing protocols in the public goods game. <i>Physical Review E</i> , 2020, 102, 032310.	0.8	8
738	The impact of expressing willingness to cooperate on cooperation in public goods game. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110258.	2.5	6
739	Optimal Control of Networked Evolutionary Games With Bankruptcy Risk. <i>IEEE Access</i> , 2020, 8, 125806-125813.	2.6	3
740	Freedom of choice adds value to public goods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17516-17521.	3.3	17
741	Evolution of Cooperation in the Presence of Higher-Order Interactions: From Networks to Hypergraphs. <i>Entropy</i> , 2020, 22, 744.	1.1	31
742	Reputation-based strategy persistence promotes cooperation in spatial social dilemma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126703.	0.9	40
743	The impact of retention time of donation list on cooperation in public goods game. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	3
744	Increasing pool funds in public goods: The effects of deposit-based delayed rewards. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110201.	2.5	0
745	Network structure reconstruction with symmetry constraint. <i>Chaos, Solitons and Fractals</i> , 2020, 139, 110287.	2.5	5
746	The role of punishment in the spatial public goods game. <i>Nonlinear Dynamics</i> , 2020, 102, 2959-2968.	2.7	34
747	Two-strategy games with time constraints on regular graphs. <i>Journal of Theoretical Biology</i> , 2020, 506, 110426.	0.8	4
748	Strategy optimisation for coupled evolutionary public good games with threshold. <i>International Journal of Control</i> , 2020, , 1-10.	1.2	9

#	ARTICLE	IF	CITATIONS
749	Social efficiency deficit deciphers social dilemmas. <i>Scientific Reports</i> , 2020, 10, 16092.	1.6	90
750	Do people imitate when making decisions? Evidence from a spatial Prisoner's Dilemma experiment. <i>Royal Society Open Science</i> , 2020, 7, 200618.	1.1	14
751	Blocking defector invasion by focusing on the most successful partner. <i>Applied Mathematics and Computation</i> , 2020, 385, 125430.	1.4	20
752	Cooperation emergence in group population with unequal competitions. <i>Europhysics Letters</i> , 2020, 131, 28001.	0.7	6
753	How strategy environment and wealth shape altruistic behaviour: cooperation rules affecting wealth distribution in dynamic networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202250.	1.2	3
754	Norms for beneficial A.I.: A computational analysis of the societal value alignment problem. <i>AI Communications</i> , 2020, 33, 155-171.	0.8	7
755	Optimization of mobile individuals promotes cooperation in social dilemmas. <i>Chaos, Solitons and Fractals</i> , 2020, 141, 110425.	2.5	5
756	Social Loafing in the Management of Social Dilemmas. , 2020, , 261-295.		1
757	Rewards based on public loyalty program promote cooperation in public goods game. <i>Applied Mathematics and Computation</i> , 2020, 378, 125180.	1.4	11
758	The effect of memory in prisoner's dilemma game under multi-strategy update mechanism. <i>International Journal of Modern Physics C</i> , 2020, 31, 2050077.	0.8	4
759	Exit Option Induced by Win-Stay-Lose-Leave Rule Provides Another Route to Solve the Social Dilemma in Structured Populations. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	11
760	The link weight adjustment considering historical strategy promotes the cooperation in the spatial prisoner's dilemma game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 554, 124691.	1.2	13
761	Evolution of cooperation on temporal networks. <i>Nature Communications</i> , 2020, 11, 2259.	5.8	78
762	Networks beyond pairwise interactions: Structure and dynamics. <i>Physics Reports</i> , 2020, 874, 1-92.	10.3	661
763	Promoting cooperation by reputation-based payoff transfer mechanism in public goods game. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	8
764	The dynamics of cooperation in asymmetric sub-populations. <i>New Journal of Physics</i> , 2020, 22, 083015.	1.2	22
765	Lying on networks: The role of structure and topology in promoting honesty. <i>Physical Review E</i> , 2020, 101, 032305.	0.8	20
766	Self-regulation versus social influence for promoting cooperation on networks. <i>Scientific Reports</i> , 2020, 10, 4830.	1.6	10

#	ARTICLE	IF	CITATIONS
767	Changeable updating rule promotes cooperation in well-mixed and structured populations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 547, 124446.	1.2	5
768	Heterogeneity reproductive ability promotes cooperation in spatial prisoner's dilemma game. <i>Chaos, Solitons and Fractals</i> , 2020, 134, 109715.	2.5	7
769	Evolutionary dynamics of competition among ports in networks. <i>Modern Physics Letters B</i> , 2020, 34, 2050248.	1.0	3
770	Coalition-structured governance improves cooperation to provide public goods. <i>Scientific Reports</i> , 2020, 10, 9194.	1.6	9
771	The evolution of cooperation affected by aspiration-driven updating rule in multi-games with voluntary participation. <i>Chaos, Solitons and Fractals</i> , 2020, 139, 110067.	2.5	4
772	Heterogeneous investments induced by historical payoffs promote cooperation in spatial public goods games. <i>Chaos, Solitons and Fractals</i> , 2020, 133, 109675.	2.5	28
773	The roles of heterogeneous investment mechanism in the public goods game on scale-free networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126343.	0.9	18
774	Leaving bads provides better outcome than approaching goods in a social dilemma. <i>New Journal of Physics</i> , 2020, 22, 023012.	1.2	29
775	Rewarding endowments lead to a win-win in the evolution of public cooperation and the accumulation of common resources. <i>Chaos, Solitons and Fractals</i> , 2020, 134, 109694.	2.5	25
776	Cooperation in Groups of Different Sizes: The Effects of Punishment and Reputation-Based Partner Choice. <i>Frontiers in Psychology</i> , 2019, 10, 2956.	1.1	17
777	The impact of heterogeneous investments on the evolution of cooperation in public goods game with exclusion. <i>Applied Mathematics and Computation</i> , 2020, 372, 124960.	1.4	2
778	Evolution of cooperation with individual diversity on interdependent weighted networks. <i>New Journal of Physics</i> , 2020, 22, 013034.	1.2	5
779	Research on an evolutionary game model and simulation of a cluster innovation network based on fairness preference. <i>PLoS ONE</i> , 2020, 15, e0226777.	1.1	2
780	Public Goods Games on Coevolving Social Network Models. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	11
781	Evolutionary public goods game on the birandom geometric graph. <i>Physical Review E</i> , 2020, 101, 042303.	0.8	3
782	Direct Reciprocity and Model-Predictive Strategy Update Explain the Network Reciprocity Observed in Socioeconomic Networks. <i>Games</i> , 2020, 11, 16.	0.4	3
783	Transcendental behavior and disturbance behavior favor human development. <i>Applied Mathematics and Computation</i> , 2020, 378, 125182.	1.4	0
784	The mechanism of alliance promotes cooperation in the spatial multi-games. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126414.	0.9	22

#	ARTICLE	IF	CITATIONS
785	Evolution of cooperation in a conformity-driven evolving dynamic social network. Applied Mathematics and Computation, 2020, 379, 125251.	1.4	10
786	Costly Participation and The Evolution of Cooperation in the Repeated Public Goods Game. Dynamic Games and Applications, 2021, 11, 161-183.	1.1	11
787	Infection-Probability-Dependent Interlayer Interaction Propagation Processes in Multiplex Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1085-1096.	5.9	15
788	Modeling and Policy Study for Information Asymmetry Problem of Photovoltaic Module Quality in China. Emerging Markets Finance and Trade, 2021, 57, 653-667.	1.7	4
789	A limited mobility of minorities facilitates cooperation in social dilemmas. Applied Mathematics and Computation, 2021, 391, 125705.	1.4	18
790	The emergence and implementation of pool exclusion in spatial public goods game with heterogeneous ability-to-pay. Applied Mathematics and Computation, 2021, 394, 125835.	1.4	8
791	Reputation-based discount effect in imitation on the evolution of cooperation in spatial public goods games. Physica A: Statistical Mechanics and Its Applications, 2021, 563, 125488.	1.2	37
792	Effects of synergy and discounting on cooperation in spatial public goods games. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 388, 127055.	0.9	7
793	The evolution of morality and the role of commitment. Evolutionary Human Sciences, 2021, 3, .	0.9	6
794	Adaptive Reputation Promotes Trust in Social Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 3087-3098.	4.1	30
795	Myopic reallocation of extraction improves collective outcomes in networked common-pool resource games. Scientific Reports, 2021, 11, 886.	1.6	4
796	Fixation probabilities in evolutionary dynamics under weak selection. Journal of Mathematical Biology, 2021, 82, 14.	0.8	29
797	How Do Spillover Effects Influence the Food Safety Strategies of Companies? New Orientation of Regulations for Food Safety. Foods, 2021, 10, 451.	1.9	0
798	Freedom to choose between public resources promotes cooperation. PLoS Computational Biology, 2021, 17, e1008703.	1.5	8
799	Food Safety and Sanitation Implementation Impasse on Adolescents in Kenyan High Schools. International Journal of Environmental Research and Public Health, 2021, 18, 1304.	1.2	4
800	Success probability for selectively neutral invading species in the line model with a random fitness landscape. Studies in Applied Mathematics, 2021, 146, 1023-1049.	1.1	0
801	Public goods games on random hyperbolic graphs with mixing. Chaos, Solitons and Fractals, 2021, 144, 110720.	2.5	24
802	Egoistic punishment outcompetes altruistic punishment in the spatial public goods game. Scientific Reports, 2021, 11, 6584.	1.6	1

#	ARTICLE	IF	CITATIONS
803	THE CASCADE EFFECT OF COLLABORATIVE INNOVATION IN INFRASTRUCTURE PROJECT NETWORKS. <i>Journal of Civil Engineering and Management</i> , 2021, 27, 175-187.	1.9	5
804	A collective risk dilemma for tourism restrictions under the COVID-19 context. <i>Scientific Reports</i> , 2021, 11, 5043.	1.6	26
805	Evolutionary Dynamics of Cooperation in a Corrupt Society with Anti-Corruption Control. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150039.	0.7	5
807	Low-carbon technology collaborative innovation in industrial cluster with social exclusion: An evolutionary game theory perspective. <i>Chaos</i> , 2021, 31, 033124.	1.0	12
808	Emergence of cooperation with reputation-updating timescale in spatial public goods game. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 393, 127173.	0.9	19
809	Cooperation in spatial public good games depends on the locality effects of game, adaptation, and punishment. <i>Scientific Reports</i> , 2021, 11, 7642.	1.6	1
810	Effects of reproductive skew on the evolution of ethnocentrism in structured populations with variable size. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 568, 125550.	1.2	1
811	Average payoff-driven or imitation? A new evidence from evolutionary game theory in finite populations. <i>Applied Mathematics and Computation</i> , 2021, 394, 125784.	1.4	6
812	Social hierarchy promotes the cooperation prevalence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 567, 125726.	1.2	4
813	Asymmetrical influence promotes cooperation in the spatial social dilemmas. <i>International Journal of Modern Physics C</i> , 2021, 32, .	0.8	0
814	Cooperator driven oscillation in a time-delayed feedback-evolving game. <i>New Journal of Physics</i> , 2021, 23, 053017.	1.2	32
815	Environmental feedback and cooperation in climate change dilemma. <i>Applied Mathematics and Computation</i> , 2021, 397, 125963.	1.4	2
816	Fitness of others's evaluation effect promotes cooperation in spatial public goods game. <i>Chinese Physics B</i> , 0, , .	0.7	1
817	Evolution of altruistic punishments among heterogeneous conditional cooperators. <i>Scientific Reports</i> , 2021, 11, 10502.	1.6	4
818	An Evolutionary Game Model for Understanding Fraud in Consumption Taxes [Research Frontier]. <i>IEEE Computational Intelligence Magazine</i> , 2021, 16, 62-76.	3.4	10
819	Unfixed-neighbor-mechanism promotes cooperation in evolutionary snowdrift game on lattice. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 572, 125910.	1.2	13
820	Evolution of cooperation in networked heterogeneous fluctuating environments. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 572, 125904.	1.2	9
821	Scale-free networks may not necessarily witness cooperation. <i>Europhysics Letters</i> , 2021, 134, 60002.	0.7	5

#	ARTICLE	IF	CITATIONS
822	Heterogeneous investment with dynamical feedback promotes public cooperation and group success in spatial public goods games. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 400, 127299.	0.9	9
823	Trust-based partner switching among partitioned regions promotes cooperation in public goods game. <i>PLoS ONE</i> , 2021, 16, e0253527.	1.1	8
824	Rank-dependent social inheritance determines social network structure in spotted hyenas. <i>Science</i> , 2021, 373, 348-352.	6.0	41
825	Consensus towards Partially Cooperative Strategies in Self-Regulated Evolutionary Games on Networks. <i>Games</i> , 2021, 12, 60.	0.4	4
826	Risk-preference-driven participate willingness provides alternative routes to solve social dilemma. <i>Europhysics Letters</i> , 2021, 135, 28001.	0.7	7
827	Separated interactive behaviors promote cooperation in the spatial prisoner's dilemma game. <i>European Physical Journal B</i> , 2021, 94, 1.	0.6	5
828	Finding nonlinear system equations and complex network structures from data: A sparse optimization approach. <i>Chaos</i> , 2021, 31, 082101.	1.0	12
829	Effects of inequality on a spatial evolutionary public goods game. <i>European Physical Journal B</i> , 2021, 94, 1.	0.6	9
830	Adaptive multilayer networks resolve the cooperation dilemma induced by breaking the symmetry between interaction and learning. <i>New Journal of Physics</i> , 2021, 23, 093019.	1.2	2
831	Predicting transitions in cooperation levels from network connectivity. <i>New Journal of Physics</i> , 2021, 23, 093040.	1.2	4
832	Evolutionary games on simplicial complexes. <i>Chaos, Solitons and Fractals</i> , 2021, 150, 111103.	2.5	30
833	The study on the role of dedicators on promoting cooperation in public goods game. <i>PLoS ONE</i> , 2021, 16, e0257475.	1.1	1
834	Coupled social and land use dynamics affect dietary choice and agricultural land-use extent. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	2
835	Rationality, Imitation, and Rational Imitation in Spatial Public Goods Games. <i>IEEE Transactions on Control of Network Systems</i> , 2021, 8, 1324-1335.	2.4	7
836	Eliciting Fairness in N-Player Network Games through Degree-Based Role Assignment. <i>Complexity</i> , 2021, 2021, 1-11.	0.9	5
837	The evolution of cooperation in multi-games with popularity-driven fitness calculation. <i>Chaos, Solitons and Fractals</i> , 2021, 151, 111298.	2.5	6
838	Evolutionary dynamics of cooperation in the N-person stag hunt game. <i>Physica D: Nonlinear Phenomena</i> , 2021, 424, 132943.	1.3	27
839	The role of alliance cooperation in spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111395.	2.5	20

#	ARTICLE	IF	CITATIONS
840	Cooperative success in epithelial public goods games. <i>Journal of Theoretical Biology</i> , 2021, 528, 110838.	0.8	3
841	Collective behavior decision based on edge dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 415, 127654.	0.9	4
842	The evolution of cooperation in public goods games on signed networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 582, 126217.	1.2	8
843	Small fraction of selective cooperators can elevate general wellbeing significantly. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 582, 126222.	1.2	10
844	Effect of reputation-based heterogeneous investment on cooperation in spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111353.	2.5	27
845	The cooperationâ€“defection evolution on social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 584, 126381.	1.2	0
846	Inter-group selection of strategy promotes cooperation in public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 583, 126292.	1.2	3
847	Cooperation dynamics based on reputation in the mixed population with two species of strategists. <i>Applied Mathematics and Computation</i> , 2021, 410, 126433.	1.4	2
848	Imitation of success leads to cost of living mediated fairness in the Ultimatum Game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 583, 126328.	1.2	2
849	Reducing the bystander effect via decreasing group size to solve the collective-risk social dilemma. <i>Applied Mathematics and Computation</i> , 2021, 410, 126445.	1.4	4
850	The evolution of cooperation with preferential selection in voluntary public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 584, 126267.	1.2	6
851	Particle swarm intelligence and the evolution of cooperation in the spatial public goods game with punishment. <i>Applied Mathematics and Computation</i> , 2022, 412, 126586.	1.4	26
852	Ability-based asymmetrical fitness calculation promotes cooperation in spatial prisoner's dilemma game. <i>Applied Mathematics and Computation</i> , 2022, 412, 126572.	1.4	4
853	Multi-hop Learning Promote Cooperation in Multi-agent Systems. <i>Lecture Notes in Computer Science</i> , 2021, , 66-77.	1.0	1
854	Evolutionary dynamics of higher-order interactions in social networks. <i>Nature Human Behaviour</i> , 2021, 5, 586-595.	6.2	222
855	Exit rights open complex pathways to cooperation. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20200777.	1.5	29
856	Evolving Cooperation in the N-player Prisonerâ€™s Dilemma: A Social Network Model. <i>Lecture Notes in Computer Science</i> , 2009, , 43-52.	1.0	5
857	To Grip, or Not to Grip: Evolving Coordination in Autonomous Robots. <i>Lecture Notes in Computer Science</i> , 2011, , 205-212.	1.0	1

#	ARTICLE	IF	CITATIONS
858	Agent-Based Models and Their Development Through the Lens of Networks. <i>Evolutionary Economics and Social Complexity Science</i> , 2017, , 89-106.	0.4	2
859	The Singaporean model in public goods dilemmas with benevolent leaders and bribery. <i>Journal of Theoretical Biology</i> , 2020, 501, 110345.	0.8	8
860	Pool expulsion and cooperation in the spatial public goods game. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126391.	0.9	28
861	Social goods dilemmas in heterogeneous societies. <i>Nature Human Behaviour</i> , 2020, 4, 819-831.	6.2	49
862	Semi-tensor product approach to minimal-agent consensus control of networked evolutionary games. <i>IET Control Theory and Applications</i> , 2018, 12, 2269-2275.	1.2	23
863	How to evaluate one's behavior toward "bad" individuals? Exploring good social norms in promoting cooperation in spatial public goods games. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 093405.	0.9	7
864	Connectivity and Cooperation. , 2012, , 154-180.		4
865	Heterogeneity in evolutionary games: an analysis of the risk perception. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200116.	1.0	22
867	Diverse strategic identities induce dynamical states in evolutionary games. <i>Physical Review Research</i> , 2020, 2, .	1.3	14
868	Perception Effect in Evolutionary Vaccination Game Under Prospect-Theoretic Approach. <i>IEEE Transactions on Computational Social Systems</i> , 2020, 7, 329-338.	3.2	16
869	Exogenous Rewards for Promoting Cooperation in Scale-Free Networks. , 2019, , .		9
870	Eco-evolutionary dynamics with environmental feedback: Cooperation in a changing world. <i>Europhysics Letters</i> , 2020, 132, 10001.	0.7	29
871	A punishment mechanism in the spatial public goods game with continuous strategies. <i>Europhysics Letters</i> , 2020, 132, 10007.	0.7	15
872	Robust cooperation against mutations via costly expulsion. <i>Europhysics Letters</i> , 2020, 132, 38001.	0.7	17
873	Evolutionary Games of Multiplayer Cooperation on Graphs. <i>PLoS Computational Biology</i> , 2016, 12, e1005059.	1.5	39
874	How Wealth Accumulation Can Promote Cooperation. <i>PLoS ONE</i> , 2010, 5, e13471.	1.1	21
875	Different Gain/Loss Sensitivity and Social Adaptation Ability in Gifted Adolescents during a Public Goods Game. <i>PLoS ONE</i> , 2011, 6, e17044.	1.1	14
876	An Institutional Mechanism for Assortment in an Ecology of Games. <i>PLoS ONE</i> , 2011, 6, e23019.	1.1	54

#	ARTICLE	IF	CITATIONS
877	The Spread of Inequality. PLoS ONE, 2011, 6, e24683.	1.1	21
878	Evolution of Cooperation in Spatial Traveler's Dilemma Game. PLoS ONE, 2013, 8, e58597.	1.1	18
879	A Strategic Interaction Model of Punishment Favoring Contagion of Honest Behavior. PLoS ONE, 2014, 9, e87471.	1.1	5
880	On Nash Equilibrium and Evolutionarily Stable States That Are Not Characterised by the Folk Theorem. PLoS ONE, 2015, 10, e0136032.	1.1	2
881	Oxytocin Effect on Collective Decision Making: A Randomized Placebo Controlled Study. PLoS ONE, 2016, 11, e0153352.	1.1	9
882	Reputation-Based Investment Helps to Optimize Group Behaviors in Spatial Lattice Networks. PLoS ONE, 2016, 11, e0162781.	1.1	15
883	Utility Evaluation Based on One-To-N Mapping in the Prisoner's Dilemma Game for Interdependent Networks. PLoS ONE, 2016, 11, e0167083.	1.1	14
884	The Analysis of Collusive Tendering Based on the Application of Spatial Game. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 689-697.	0.1	1
885	Scale-Free Relationships Facilitate Cooperation in Spatial Games with Sequential Strategy. Jasss, 2011, 14, .	1.0	5
886	Fostering Cooperation in Structured Populations Through Local and Global Interference Strategies. , 2018, , .		13
887	Reflections on the Complexity of Ancient Social Heterarchies: Toward New Models of Social Self-Organization in Pre-Hispanic Colombia. Journal of Sociocybernetics, 2014, 12, .	0.4	5
888	Evolution of Cooperation in Mobile Populations. Spora: A Journal of Biomathematics, 2015, 1, .	0.4	3
889	Social Network, Information Flow and Decision-Making Efficiency. , 0, , 164-177.		1
891	On State-based Evolutionary Games. , 2021, , .		0
892	Networks of reliable reputations and cooperation: a review. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200297.	1.8	26
893	Bilateral costly expulsions resolve the public goods dilemma. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, .	1.0	4
894	Heterogeneous Payoffs and Social Diversity in the Spatial Prisoner's Dilemma game. Lecture Notes in Computer Science, 2008, , 585-594.	1.0	0
895	Information Dynamics and Intelligent Cooperation in Networked Societies. Lecture Notes in Computer Science, 2009, , 94-103.	1.0	0

#	ARTICLE	IF	CITATIONS
896	Evolution of Cooperation in Adaptive Social Networks. World Scientific Lecture Notes in Complex Systems, 2009, , 373-392.	0.1	0
897	Selection of Cooperative Partners in n-Player Games. Lecture Notes in Computer Science, 2011, , 482-489.	1.0	0
898	Emergence of Cooperation in Adaptive Social Networks with Behavioral Diversity. Lecture Notes in Computer Science, 2011, , 434-441.	1.0	1
899	Analyzing the Dynamics of Evolutionary Prisoner's Dilemma on Structured Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 190-204.	0.2	0
901	Evolving the Asymmetry of the Prisoner's Dilemma Game in Adaptive Social Structures. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 205-212.	0.2	0
902	Collective Evolutionary Dynamics and Spatial Reciprocity under the N-Person Snowdrift Game. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 178-188.	0.2	1
903	Evolutionary Dynamics of Cooperation under the Distributed Prisoner's Dilemma. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 523-532.	0.2	0
904	Behavioral Dynamics under Climate Change Dilemmas. , 2013, , 113-124.		0
905	Strategies for Cooperation Emergence in Distributed Service Discovery. Communications in Computer and Information Science, 2013, , 251-262.	0.4	0
906	Bootstrapping back the climate with self-organization. , 0, , .		0
908	Evolutionary Dynamics of Time-Resolved Social Interactions. SSRN Electronic Journal, 0, , .	0.4	0
910	Research of Constructing Community Complex Network Based on Coordination Game. Journal of Information and Computational Science, 2014, 11, 6029-6037.	0.1	0
911	Energy Efficiency Oriented Access Point Selection for Cognitive Sensors in Internet of Things. International Journal of Distributed Sensor Networks, 2015, 2015, 1-8.	1.3	1
912	Strategy Selection in Networked Evolutionary Games: Structural Effect and the Evolution of Cooperation. Understanding Complex Systems, 2016, , 439-458.	0.3	1
913	Global Network Cooperation Catalysed by a Small Prosocial Migrant Clique. Lecture Notes in Computer Science, 2016, , 62-74.	1.0	0
915	Climate Change Governance, Cooperation and Self-organization. , 2016, , .		0
917	Game-Theoretic Opportunistic Spectrum Sharing. , 2016, , 319-348.		0
919	Phase transition properties for the spatial public goods game with self-questioning mechanism. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 196401.	0.2	3

#	ARTICLE	IF	CITATIONS
920	Impact of interaction style and degree on the evolution of cooperation on Barabási-Albert scale-free network. PLoS ONE, 2017, 12, e0182523.	1.1	0
922	Hierarchical Invasion of Cooperation in Complex Networks. SSRN Electronic Journal, 0, , .	0.4	0
923	The Role of Heterogeneity and Centrality for Promoting Cooperation in Prisoner's Dilemma Games. , 0, , .		0
924	Diversity of inference strategies can enhance the "wisdom-of-crowds" effect. Palgrave Communications, 2018, 4, .	4.7	5
925	Effects of Centrality and Heterogeneity on Evolutionary Games. Advances in Intelligent Systems and Computing, 2019, , 51-63.	0.5	1
928	Interlayer Link Prediction in Multiplex Social Networks Based on Multiple Types of Consistency Between Embedding Vectors. IEEE Transactions on Cybernetics, 2023, 53, 2426-2439.	6.2	5
929	Asymmetric micro-dynamics in spatial anonymous public goods game. Applied Mathematics and Computation, 2022, 415, 126737.	1.4	1
930	The Evolution of Morality. SSRN Electronic Journal, 0, , .	0.4	0
931	Retention, Migration and Engagement: An Analysis of a Large-Scale Multiplex Volunteer Collaboration Network. SSRN Electronic Journal, 0, , .	0.4	0
932	Adoption Dynamics and Societal Impact of AI Systems in Complex Networks. , 2020, , .		0
933	åÿæžæ¼”åŒ–åš¼çš,,ç¼¼ç¼½ç»œæ—äºé†¼¼åŒæœª. Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica, 2021, , .		
934	Adaptation strategies and collective dynamics of extraction in networked commons of bistable resources. Scientific Reports, 2021, 11, 21987.	1.6	0
935	Computational Behavioral Models in Public Goods Games with Migration Between Groups. Journal of Physics Complexity, 0, , .	0.9	1
936	Spatial Dynamics of the Public Goods Game with Probabilistic Participation. , 2020, , .		0
939	Frequency-dependent strategy selection in a hunting game with a finite population. Applied Mathematics and Computation, 2020, 382, 125355.	1.4	4
940	Evolution of honesty in higher-order social networks. Physical Review E, 2021, 104, 054308.	0.8	24
941	Acculturation and the evolution of cooperation in spatial public goods games. European Physical Journal B, 2021, 94, 1.	0.6	0
942	Averting Evolutionary Suicide from the Tragedy of the Commons. International Journal of the Commons, 2021, 15, 414.	0.6	2

#	ARTICLE	IF	CITATIONS
943	Intriguing effects of selection intensity on the evolution of prosocial behaviors. <i>PLoS Computational Biology</i> , 2021, 17, e1009611.	1.5	3
944	Reputation-based conditional compassion promotes cooperation in spatial public goods games. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 113405.	0.9	5
945	Evolution of cooperation in costly institutions exhibits Red Queen and Black Queen dynamics in heterogeneous public goods. <i>Communications Biology</i> , 2021, 4, 1340.	2.0	6
946	Reinforcement Learning for Modeling and Capturing the Effect of Partner Selection Strategies on the Emergence of Cooperation. <i>Lecture Notes in Computer Science</i> , 2021, , 52-65.	1.0	0
947	Effects of uniform-allocation constraints in networked common-pool resource extraction games. <i>Journal of Physics Complexity</i> , 2022, 3, 015004.	0.9	0
948	Social physics. <i>Physics Reports</i> , 2022, 948, 1-148.	10.3	231
949	Dynamical and Topological effect to Promotion of Cooperation in Coevolutionary Public Goods Game on Complex Networks. , 2020, , .		0
950	The Impact of Punishment Postponement on the Evolution of Honest Behavior. , 2020, , .		0
951	Evolutionary Snowdrift Game with Time-Varying Neighbor Promotes Cooperation. , 2020, , .		0
952	Evolution of cooperation and consistent personalities in public goods games. <i>Scientific Reports</i> , 2021, 11, 23708.	1.6	5
953	Cheating Promotes Coexistence in a Two-Species One-Substrate Culture Model. <i>Frontiers in Ecology and Evolution</i> , 2022, 9, .	1.1	3
954	Heterogeneous investments induced by emotions promote cooperation in public goods games. <i>Europhysics Letters</i> , 2022, 137, 21001.	0.7	3
955	Cooperation enhanced by the interaction diversity for the spatial public goods game on regular lattices. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 593, 126999.	1.2	2
956	Constructing games on networks for controlling the inequalities in the capital distribution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 594, 126997.	1.2	1
957	Artificial intelligence development races in heterogeneous settings. <i>Scientific Reports</i> , 2022, 12, 1723.	1.6	9
958	Can weak diversity help in propagating cooperation? Invasion of cooperators at the conformity-conflict boundary. <i>Chaos, Solitons and Fractals</i> , 2022, 156, 111787.	2.5	1
959	Recycling schemes and supporting policies modeling for photovoltaic modules considering heterogeneous risks. <i>Resources, Conservation and Recycling</i> , 2022, 180, 106165.	5.3	11
960	Dynamical analysis of evolutionary public goods game on signed networks. <i>Chaos</i> , 2022, 32, 023107.	1.0	1

#	ARTICLE	IF	CITATIONS
961	Event-Triggered Control for Weighted Networked Evolutionary Games With Threshold. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3515-3519.	2.2	0
962	Networked Decision-Making Dynamics Based on Fair, Extortionate and Generous Strategies in Iterated Public Goods Games. IEEE Transactions on Network Science and Engineering, 2022, 9, 2450-2462.	4.1	24
963	Deeds and Words: Farmersâ€™ Attitudeâ€™Paradox in Collective Action for Small-Scale Irrigation. SSRN Electronic Journal, 0, , .	0.4	0
964	UnIC: Towards Unmanned Intelligent Cluster and Its Integration into Society. Engineering, 2022, 12, 24-38.	3.2	5
965	Strategy Set and Payoff Optimization of a Type of Networked Evolutionary Games. Circuits, Systems, and Signal Processing, 0, , 1.	1.2	1
966	Evolution of cooperation in public goods games with segregated networks and periodic invasion. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127101.	1.2	5
967	Rational conformity behavior in social learning promotes cooperation in spatial public goods game. Applied Mathematics and Computation, 2022, 425, 127097.	1.4	7
968	Evolution of donations on scale-free networks during a COVID-19 breakout. Chinese Physics B, 2022, 31, 080204.	0.7	1
969	Neighborhood size effects on the evolution of cooperation under myopic dynamics. Chaos, 2021, 31, 123113.	1.0	9
970	Co-Evolutionary of Public Goods Games Based on Learning Topology. , 2021, , .		0
971	Defectors in bad circumstances possessing higher reputation can promote cooperation. Chaos, 2022, 32, 043114.	1.0	7
984	Dynamical reciprocity in interacting games: Numerical results and mechanism analysis. Physical Review E, 2022, 105, .	0.8	4
985	The ecology of wealth inequality in animal societies. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220500.	1.2	7
986	Spatial structure might impede cooperation in evolutionary games with reinforcement learning. International Journal of Modern Physics C, 0, , .	0.8	0
987	Inferring strategies from observations in long iterated Prisonerâ€™s dilemma experiments. Scientific Reports, 2022, 12, 7589.	1.6	5
988	The interplay between reputation and heterogeneous investment enhances cooperation in spatial public goods game. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 442, 128182.	0.9	7
989	Heterogeneous multiplication factors promote the evolution of cooperation in public goods game on hypergraphs. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 1.	0.2	0
990	The Evolution of Cooperation in Two-Dimensional Mobile Populations with Random and Strategic Dispersal. Games, 2022, 13, 40.	0.4	1

#	ARTICLE	IF	CITATIONS
992	The Confidence Embodied in Sticking to One's Own Strategy Promotes Cooperation. SSRN Electronic Journal, 0, , .	0.4	0
993	Involution game with spatio-temporal heterogeneity of social resources. Applied Mathematics and Computation, 2022, 430, 127307.	1.4	7
995	Two-layer network model of public goods games with intervention and corruption. Chaos, 2022, 32, 063138.	1.0	3
996	Oxytocin and the Punitive Hubâ€™Dynamic Spread of Cooperation in Human Social Networks. Journal of Neuroscience, 2022, 42, 5930-5943.	1.7	5
998	Game-theoretical approach for opinion dynamics on social networks. Chaos, 2022, 32, .	1.0	5
999	Network Characteristic Control of Social Dilemmas in a Public Good Game: Numerical Simulation of Agent-Based Nonlinear Dynamics. Processes, 2022, 10, 1348.	1.3	0
1000	Persistent imitation paves the way for cooperation in public goods game. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 447, 128302.	0.9	6
1001	Role of reputation constraints in the spatial public goods game with second-order reputation evaluation. Chaos, Solitons and Fractals, 2022, 161, 112385.	2.5	14
1002	Engineering Pro-Sociality With Autonomous Agents. Proceedings of the AAAI Conference on Artificial Intelligence, 2018, 32, .	3.6	30
1003	Replicator dynamics of public goods games with global exclusion. Chaos, 2022, 32, .	1.0	10
1004	Robust Strategy Optimization of Networked Evolutionary Games with Disturbance Inputs. Dynamic Games and Applications, 0, , .	1.1	1
1006	Uncovering the Heterogeneous Effects of Preference Diversity on User Activeness: A Dynamic Mixture Model. , 2022, , .		1
1007	Between local and global strategy updating in public goods game. Physica A: Statistical Mechanics and Its Applications, 2022, 606, 128097.	1.2	5
1008	Costly signals can facilitate cooperation and punishment in the prisonerâ€™s dilemma. Physica A: Statistical Mechanics and Its Applications, 2022, 605, 127997.	1.2	0
1009	Effect of state transition triggered by reinforcement learning in evolutionary prisonerâ€™s dilemma game. Neurocomputing, 2022, 511, 187-197.	3.5	8
1010	The confidence embodied in sticking to one's own strategy promotes cooperation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 452, 128452.	0.9	0
1011	Reward and Punishment Mechanism with weighting enhances cooperation in evolutionary games. Physica A: Statistical Mechanics and Its Applications, 2022, 607, 128165.	1.2	0
1012	Evolutionary Game Model With Group Decision-Making in Signed Social Networks. IEEE Transactions on Computational Social Systems, 2022, , 1-10.	3.2	0

#	ARTICLE	IF	CITATIONS
1013	The combination of social reward and punishment is conducive to the cooperation and heterogeneity of social relations. <i>Chaos</i> , 2022, 32, .	1.0	3
1014	Replicator dynamics of public goods game with tax-based punishment. <i>Chaos, Solitons and Fractals</i> , 2022, 164, 112747.	2.5	11
1015	A Game Theoretical Balancing Approach for Offloaded Tasks in Edge Datacenters. , 2022, , .		4
1017	Payoff control in game theory. <i>Scientia Sinica Informationis</i> , 2023, 53, 623.	0.2	1
1018	How to Treat Gossip in Internet Public Carbon Emission Reduction Projects?. <i>Sustainability</i> , 2022, 14, 12809.	1.6	1
1019	Effects of quadrilateral clustering on complex contagion. <i>Chaos, Solitons and Fractals</i> , 2022, 165, 112784.	2.5	3
1020	Inequal dependence on members stabilizes cooperation in spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2022, 165, 112755.	2.5	7
1021	Is cooperation sustained under increased mixing in evolutionary public goods games on networks?. <i>Applied Mathematics and Computation</i> , 2023, 438, 127604.	1.4	3
1022	Unfairness promotes the evolution of cooperation. <i>Applied Mathematics and Computation</i> , 2023, 438, 127578.	1.4	0
1023	$\{N\}$ -Player Trust Game With Second-Order Reputation Evaluation in the Networked Population. <i>IEEE Systems Journal</i> , 2023, 17, 2982-2992.	2.9	4
1024	Evolutionary dynamics under partner preferences. <i>Journal of Theoretical Biology</i> , 2023, 557, 111340.	0.8	0
1025	Good predictors for the fixation probability on complex networks of multi-player games using territorial interactions. <i>Ecological Complexity</i> , 2022, 51, 101017.	1.4	3
1026	Cooperation dynamics in dynamical networks with history-based decisions. <i>PLoS ONE</i> , 2022, 17, e0275909.	1.1	0
1027	A game-based approach for designing a collaborative evolution mechanism for unmanned swarms on community networks. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
1028	How do reputation and conformity promote cooperation in the prisoner's dilemma?. <i>Europhysics Letters</i> , 2022, 140, 41001.	0.7	1
1029	Heterogeneous investment promotes cooperation in spatial public goods game on hypergraphs. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2023, 609, 128400.	1.2	7
1030	Group-size dependent synergy in heterogeneous populations. <i>Chaos, Solitons and Fractals</i> , 2023, 167, 113055.	2.5	3
1031	Seeding leading cooperators and institutions in networked climate dilemmas. <i>Chaos, Solitons and Fractals</i> , 2023, 167, 112987.	2.5	2

#	ARTICLE	IF	CITATIONS
1032	Traffic Police Punishment Mechanism Promotes Cooperation in Snowdrift Game on Lattice. Journal of Shanghai Jiaotong University (Science), 0, , .	0.5	0
1033	Evolutionary dynamics of sustainable blockchains. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, .	1.0	2
1034	Punishment and reputation based partner switching promotes cooperation in social networks. Europhysics Letters, 0, , .	0.7	0
1035	The evolutionary extortion game of multiple groups in hypernetworks. Scientific Reports, 2022, 12, .	1.6	1
1036	The Role of the Tourism Network in the Coordination of Pandemic Control Measures. Sustainability, 2022, 14, 16188.	1.6	3
1037	Evolution dynamics with the switching strategy of punishment and expulsion in the spatial public goods game. New Journal of Physics, 2022, 24, 123020.	1.2	1
1038	A reversed form of public goods game: equivalence and difference. New Journal of Physics, 2022, 24, 123030.	1.2	5
1039	Evolutionary dynamics in networked trust games with diverse investment patterns. Europhysics Letters, 2023, 141, 22002.	0.7	3
1040	Social diversity reduces the complexity and cost of fostering fairness. Chaos, Solitons and Fractals, 2023, 167, 113051.	2.5	11
1041	Evolution of cooperation in public goods games with dynamic resource allocation: A fairness preference perspective. Applied Mathematics and Computation, 2023, 445, 127844.	1.4	1
1042	Based on reputation consistent strategy times promotes cooperation in spatial prisonerâ€™s dilemma game. Applied Mathematics and Computation, 2023, 444, 127818.	1.4	3
1043	Deeds and Words: Farmersâ€™ Attitude-Paradox in Collective Action for Small-Scale Irrigation. International Journal of Environmental Research and Public Health, 2023, 20, 549.	1.2	0
1044	To Trust or Not to Trust: Evolutionary Dynamics of an Asymmetric N-Player Trust Game. IEEE Transactions on Evolutionary Computation, 2024, 28, 117-131.	7.5	2
1045	Adaptive dynamic reconfiguration mechanism of unmanned swarm topology based on an evolutionary game. Journal of Systems Engineering and Electronics, 2023, 34, 598-614.	1.1	2
1046	Effects of the limited incentive pool on cooperation evolution in public goods game. Chaos, Solitons and Fractals, 2023, 169, 113295.	2.5	2
1047	Emergence of oscillatory cooperation in a population with incomplete information. Physica A: Statistical Mechanics and Its Applications, 2023, 617, 128682.	1.2	0
1048	Social mobility and network reciprocity shape cooperation in collaborative networks. Chaos, Solitons and Fractals, 2023, 170, 113378.	2.5	3
1049	Social behaviour at the beginning of life: the role of quality signals and family size. Animal Behaviour, 2023, 200, 1-14.	0.8	0

#	ARTICLE	IF	CITATIONS
1050	Evolution of cooperation in public goods game in populations of dynamic groups of varying sizes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2023, 613, 128519.	1.2	0
1051	Generic catastrophic poverty when selfish investors exploit a degradable common resource. <i>Royal Society Open Science</i> , 2023, 10, .	1.1	0
1052	Paid Access to Information Promotes the Emergence of Cooperation in the Spatial Prisoner's Dilemma. <i>Mathematics</i> , 2023, 11, 894.	1.1	0
1053	Optimal Scale-Free Small-World Graphs with Minimum Scaling of Cover Time. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2023, 17, 1-19.	2.5	0
1054	Matrix-Based Method for the Analysis and Control of Networked Evolutionary Games: A Survey. <i>Games</i> , 2023, 14, 22.	0.4	0
1055	Persistence-dependent dynamic interactive environment enhances cooperation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2023, 469, 128748.	0.9	2
1056	The evolution of cooperation in the unidirectional linear division of labour of finite roles. <i>Royal Society Open Science</i> , 2023, 10, .	1.1	3
1057	Conditional switching between social excluders and loners promotes cooperation in spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2023, 169, 113319.	2.5	6
1058	EGTtools: Evolutionary game dynamics in Python. <i>IScience</i> , 2023, 26, 106419.	1.9	1
1059	Does Spending More Always Ensure Higher Cooperation? An Analysis of Institutional Incentives on Heterogeneous Networks. <i>Dynamic Games and Applications</i> , 2023, 13, 1236-1255.	1.1	7
1060	A Novel Game Investment Model on Uniform Hypergraphs. <i>IEEE Transactions on Network Science and Engineering</i> , 2023, , 1-11.	4.1	0
1061	Evolution of cooperation with nonlinear environment feedback in repeated public goods game. <i>Applied Mathematics and Computation</i> , 2023, 452, 128056.	1.4	1
1063	The Effect of Peer Punishment on the Evolution of Cooperation. <i>Theoretical Biology</i> , 2022, , 61-100.	0.0	0
1138	Coordination Dynamics in Technology Adoption. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2024, , 295-326.	0.3	0