Zhen Wang

List of Publications by Year
in descending order

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281 papers	19,967 citations	23544 58 h-index	16164 124 g-index
283 all docs	283 docs citations	283 times ranked	9801 citing authors

#	Article	IF	Citations
1	Game-Based Backstepping Design for Strict-Feedback Nonlinear Multi-Agent Systems Based on Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 817-830.	7.2	12
2	A Deceptive Reviews Detection Method Based on Multidimensional Feature Construction and Ensemble Feature Selection. IEEE Transactions on Computational Social Systems, 2023, 10, 153-165.	3.2	2
3	A Novel Representation Learning for Dynamic Graphs Based on Graph Convolutional Networks. IEEE Transactions on Cybernetics, 2023, 53, 3599-3612.	6.2	30
4	Emergence of Social Norms in Metanorms Game With High-Order Interaction Topology. IEEE Transactions on Computational Social Systems, 2023, 10, 1057-1072.	3.2	2
5	Nonsingular Practical Fixed-Time Adaptive Output Feedback Control of MIMO Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7222-7234.	7.2	18
6	Robust Bilinear Probabilistic PCA Using a Matrix Variate t Distribution. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10683-10697.	7.2	1
7	Adaptive Fuzzy Tracking Control for Uncertain Nonlinear Systems With Multiple Actuators and Sensors Faults. IEEE Transactions on Fuzzy Systems, 2023, 31, 104-116.	6.5	18
8	Evolutionary Markov Dynamics for Network Community Detection. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1206-1220.	4.0	52
9	Adaptive Swarm Control Within Saturated Input Based on Nonlinear Coupling Degree. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4900-4911.	5.9	19
10	Fast Fuzzy Clustering Based on Anchor Graph. IEEE Transactions on Fuzzy Systems, 2022, 30, 2375-2387.	6.5	19
11	Empty nodes affect conditional cooperation under reinforcement learning. Applied Mathematics and Computation, 2022, 413, 126658.	1.4	9
12	Asymmetric strategy setup solve the Prisonerâ€™s Dilemma of the evolution of mutualism. Applied Mathematics and Computation, 2022, 412, 126590.	1.4	4
13	Dynamic Coverage Control Based on K-Means. IEEE Transactions on Industrial Electronics, 2022, 69, 5333-5341.	5.2	47
14	Community Detection in Graph: An Embedding Method. IEEE Transactions on Network Science and Engineering, 2022, 9, 689-702.	4.1	18
15	Detecting Semantic Attack in SCADA System: A Behavioral Model Based on Secondary Labeling of States-Duration Evolution Graph. IEEE Transactions on Network Science and Engineering, 2022, 9, 703-715.	4.1	11
16	Spatial temporal and channel aware network for video-based person re-identification. Image and Vision Computing, 2022, 118, 104356.	2.7	7
17	Social physics. Physics Reports, 2022, 948, 1-148.	10.3	231
18	Optimal control of pattern formations for an SIR reactionâ€“diffusion epidemic model. Journal of Theoretical Biology, 2022, 536, 111003.	0.8	17

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19	Linking the Pattern Structures to System Robustness Based on Dynamical Models and Statistical Method. Frontiers in Physics, 2022, 10, .	1.0	1
20	Locating Multi-Sources in Social Networks With a Low Infection Rate. IEEE Transactions on Network Science and Engineering, 2022, 9, 1853-1865.	4.1	32
21	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
22	A Discrete Moth-Flame Optimization With an l_2-Norm Constraint for Network Clustering. IEEE Transactions on Network Science and Engineering, 2022, 9, 1776-1788.	4.1	3
23	Construction of the Social Network Information Dissemination Index System Based on CNNs. Frontiers in Physics, 2022, 10, .	1.0	2
24	Optimal control of networked reactionâ€“diffusion systems. Journal of the Royal Society Interface, 2022, 19, 20210739.	1.5	12
25	LÃ©vy noise promotes cooperation in the prisonerâ€™s dilemma game with reinforcement learning. Nonlinear Dynamics, 2022, 108, 1837-1845.	2.7	23
26	The effect of perceptions competition and learning costs on cooperation in spatial evolutionary multigames. Chaos, Solitons and Fractals, 2022, 157, 111883.	2.5	4
27	Data-driven behavioral analysis and applications: A case study in Changchun, China. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127164.	1.2	2
28	Dynamic community detection over evolving networks based on the optimized deep graph infomax. Chaos, 2022, 32, .	1.0	3
29	Optimal control of the reactionâ€“diffusion process on directed networks. Chaos, 2022, 32, .	1.0	6
30	Minimum Dominating Set of Multiplex Networks: Definition, Application, and Identification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7823-7837.	5.9	28
31	Large Graph Clustering With Simultaneous Spectral Embedding and Discretization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4426-4440.	9.7	46
32	Exponential Synchronization of Delayed Memristor-Based Uncertain Complex-Valued Neural Networks for Image Protection. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 151-165.	7.2	55
33	Global Reconstruction of Complex Network Topology via Structured Compressive Sensing. IEEE Systems Journal, 2021, 15, 1959-1969.	2.9	15
34	Influence of precaution and dynamic post-indemnity based insurance policy on controlling the propagation of epidemic security risks in networks. Applied Mathematics and Computation, 2021, 392, 125720.	1.4	2
35	Towards Robust Discriminative Projections Learning via Non-Greedy -Norm MinMax. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2086-2100.	9.7	53
36	Feature Fusion for Multimodal Emotion Recognition Based on Deep Canonical Correlation Analysis. IEEE Signal Processing Letters, 2021, 28, 1898-1902.	2.1	17

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37	Secure the IoT Networks as Epidemic Containment Game. Symmetry, 2021, 13, 156.	1.1	0
38	Fast optimization of spectral embedding and improved spectral rotation. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	6
39	Adaptive Reputation Promotes Trust in Social Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 3087-3098.	4.1	30
40	EigenCloud: A Cooperation and Trust-Aware Dependable Cloud File-Sharing Network. IEEE Transactions on Computational Social Systems, 2021, 8, 522-536.	3.2	3
41	D-dimensional oscillators in simplicial structures: Odd and even dimensions display different synchronization scenarios. Chaos, Solitons and Fractals, 2021, 146, 110888.	2.5	22
42	Interactions of diffusion and nonlocal delay give rise to vegetation patterns in semi-arid environments. Applied Mathematics and Computation, 2021, 399, 126038.	1.4	27
43	Evolutionary dynamics of the interdependent security games on complex network. Applied Mathematics and Computation, 2021, 399, 126051.	1.4	5
44	A weighted network community detection algorithm based on deep learning. Applied Mathematics and Computation, 2021, 401, 126012.	1.4	47
45	Delay-induced patterns in a reactionâ€“diffusion system on complex networks. New Journal of Physics, 2021, 23, 073022.	1.2	7
46	A new nature-inspired optimization for community discovery in complex networks. European Physical Journal B, 2021, 94, 1.	0.6	2
47	False Data Injection Attacks Detection in Smart Grid: A Structural Sparse Matrix Separation Method. IEEE Transactions on Network Science and Engineering, 2021, 8, 2545-2558.	4.1	30
48	Assessing temporalâ€“spatial characteristics of urban travel behaviors from multiday smart-card data. Physica A: Statistical Mechanics and Its Applications, 2021, 576, 126058.	1.2	18
49	Third party interventions mitigate conflicts on interdependent networks. Applied Mathematics and Computation, 2021, 403, 126178.	1.4	7
50	Local and global stimuli in reinforcement learning. New Journal of Physics, 2021, 23, 083020.	1.2	27
51	Evolutionary games on simplicial complexes. Chaos, Solitons and Fractals, 2021, 150, 111103.	2.5	30
52	Projective synchronization of memristive multidirectional associative memory neural networks via self-triggered impulsive control and its application to image protection. Chaos, Solitons and Fractals, 2021, 150, 111110.	2.5	17
53	Nonlinear consensus-based autonomous vehicle platoon control under event-triggered strategy in the presence of time delays. Applied Mathematics and Computation, 2021, 404, 126246.	1.4	6
54	The Optimal Control Strategy of Virus Transmission Based on Caputo-Fabrizio Order. Frontiers in Physics, 2021, 9, .	1.0	1

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55	WRTRe: Weighted relative position transformer for joint entity and relation extraction. Neurocomputing, 2021, 459, 315-326.	3.5	5
56	Dynamic analysis of disease progression in Alzheimerâ€™s disease under the influence of hybrid synapse and spatially correlated noise. Neurocomputing, 2021, 456, 23-35.	3.5	2
57	Dynamic analysis of synaptic loss and synaptic compensation in the process of associative memory ability decline in Alzheimerâ€™s disease. Applied Mathematics and Computation, 2021, 408, 126372.	1.4	3
58	Exit rights open complex pathways to cooperation. Journal of the Royal Society Interface, 2021, 18, 20200777.	1.5	29
59	Unsupervised community detection in attributed networks based on mutual information maximization. New Journal of Physics, 2021, 23, 113016.	1.2	5
60	Formation Control of Omnidirectional Mobile Robots Based on Bionic Coupling Mechanism. , 2021, , .		2
61	Multi-agent coverage control based on improved community discovery algorithm. , 2021, , .		0
62	Inferring network structures via signal Lasso. Physical Review Research, 2021, 3, .	1.3	3
63	Neighborhood size effects on the evolution of cooperation under myopic dynamics. Chaos, 2021, 31, 123113.	1.0	9
64	Incorporating Latent Constraints to Enhance Inference of Network Structure. IEEE Transactions on Network Science and Engineering, 2020, 7, 466-475.	4.1	51
65	Parameter-Free Weighted Multi-View Projected Clustering with Structured Graph Learning. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2014-2025.	4.0	48
66	Awareness of wealth inequalities breeds animosity. Chaos, Solitons and Fractals, 2020, 130, 109398.	2.5	2
67	Functional immunization of networks based on message passing. Applied Mathematics and Computation, 2020, 366, 124728.	1.4	36
68	Event-Triggered Control for Semiglobal Robust Consensus of a Class of Nonlinear Uncertain Multiagent Systems. IEEE Transactions on Automatic Control, 2020, 65, 1683-1690.	3.6	37
69	Query-efficient label-only attacks against black-box machine learning models. Computers and Security, 2020, 90, 101698.	4.0	11
70	Suppressing Epidemic Spreading by Imitating Hub Nodesâ€™ Strategy. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1979-1983.	2.2	21
71	Dynamical Clustering in Electronic Commerce Systems via Optimization and Leadership Expansion. IEEE Transactions on Industrial Informatics, 2020, 16, 5327-5334.	7.2	124
72	Evolutionary dynamics drives role specialization in a community of players. Journal of the Royal Society Interface, 2020, 17, 20200174.	1.5	48

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73	An evolutionary autoencoder for dynamic community detection. Science China Information Sciences, 2020, 63, 1.	2.7	25
74	The Feedback Vertex Set Problem of Multiplex Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3492-3496.	2.2	2
75	The role of punishment in the spatial public goods game. Nonlinear Dynamics, 2020, 102, 2959-2968.	2.7	34
76	Dynamic countermeasures selection for multi-path attacks. Computers and Security, 2020, 97, 101927.	4.0	6
77	Communicating sentiment and outlook reverses inaction against collective risks. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17650-17655.	3.3	68
78	Optimal estimation of low-rank factors via feature level data fusion of multiplex signal systems. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	4.0	41
79	Behavioural patterns behind the demise of the commons across different cultures. Royal Society Open Science, 2020, 7, 201026.	1.1	3
80	Emergence of nonlinear crossover under epidemic dynamics in heterogeneous networks. Physical Review E, 2020, 102, 052311.	0.8	11
81	Discontinuous Transitions and Rhythmic States in the D-Dimensional Kuramoto Model Induced by a Positive Feedback with the Global Order Parameter. Physical Review Letters, 2020, 125, 194101.	2.9	58
82	Reputation-based adjustment of fitness promotes the cooperation under heterogeneous strategy updating rules. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126882.	0.9	11
83	The effect of memory in prisonerâ€™s dilemma game under multi-strategy update mechanism. International Journal of Modern Physics C, 2020, 31, 2050077.	0.8	4
84	Exit Option Induced by Win-Stay-Lose-Leave Rule Provides Another Route to Solve the Social Dilemma in Structured Populations. Frontiers in Physics, 2020, 8, .	1.0	11
85	Sparse stacked autoencoder network for complex system monitoring with industrial applications. Chaos, Solitons and Fractals, 2020, 137, 109838.	2.5	14
86	Cross-diffusion on multiplex networks. New Journal of Physics, 2020, 22, 053047.	1.2	17
87	Percolation Theories for Multipartite Networked Systems under Random Failures. Complexity, 2020, 2020, 1-12.	0.9	0
88	An adaptive population control framework for ACO-based community detection. Chaos, Solitons and Fractals, 2020, 138, 109886.	2.5	8
89	The dynamics of cooperation in asymmetric sub-populations. New Journal of Physics, 2020, 22, 083015.	1.2	22
90	An Information Source Selection Model Based on Evolutionary Game Theory. Applied Mathematics and Computation, 2020, 385, 125362.	1.4	4

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91	Reconstructing Heterogeneous Networks via Compressive Sensing and Clustering. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, , 1-11.	3.4	7
92	Spatial dynamics of an epidemic model with nonlocal infection. Applied Mathematics and Computation, 2020, 377, 125158.	1.4	39
93	Fixed-time synchronization of fractional order memristive MAM neural networks by sliding mode control. Neurocomputing, 2020, 401, 364-376.	3.5	30
94	A Heterogeneous Network Modeling Method Based on Public Goods Game Theory to Explore Cooperative Behavior in VANETs. Sensors, 2020, 20, 1802.	2.1	1
95	Multiple Features and Isolation Forest-Based Fast Anomaly Detector for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6664-6676.	2.7	29
96	A novel route to cyclic dominance in voluntary social dilemmas. Journal of the Royal Society Interface, 2020, 17, 20190789.	1.5	40
97	A Stackelberg Security Game for Adversarial Outbreak Detection in the Internet of Things. Sensors, 2020, 20, 804.	2.1	9
98	Delay-induced synchronization in two coupled chaotic memristive Hopfield neural networks. Chaos, Solitons and Fractals, 2020, 134, 109702.	2.5	38
99	Dismantling and Vertex Cover of Network Through Message Passing. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2732-2736.	2.2	9
100	Explosive synchronization in populations of cooperative and competitive oscillators. Chaos, Solitons and Fractals, 2020, 132, 109589.	2.5	41
101	Turing patterns in a predatorâ€“prey model on complex networks. Nonlinear Dynamics, 2020, 99, 3313-3322.	2.7	24
102	GMM: A generalized mechanics model for identifying the importance of nodes in complex networks. Knowledge-Based Systems, 2020, 193, 105464.	4.0	71
103	Recovering Network Structures Based on Evolutionary Game Dynamics via Secure Dimensional Reduction. IEEE Transactions on Network Science and Engineering, 2020, 7, 2027-2036.	4.1	17
104	SDARE: A stacked denoising autoencoder method for game dynamics network structure reconstruction. Neural Networks, 2020, 126, 143-152.	3.3	24
105	Dynamic Robustness Analysis for Subway Network With Spatiotemporal Characteristic of Passenger Flow. IEEE Access, 2020, 8, 45544-45555.	2.6	20
106	Vaccination behavior by coupling the epidemic spreading with the human decision under the game theory. Applied Mathematics and Computation, 2020, 380, 125232.	1.4	19
107	Optimum topology and coupling strength for synchronization. Applied Mathematics and Computation, 2020, 379, 125226.	1.4	3
108	Distributed consensus of heterogeneous multi-agent systems subject to switching topologies and delays. Journal of the Franklin Institute, 2020, 357, 6899-6917.	1.9	13

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109	Double explosive transitions to synchronization and cooperation in intertwined dynamics and evolutionary games. New Journal of Physics, 2020, 22, 123026.	1.2	15
110	Diverse strategic identities induce dynamical states in evolutionary games. Physical Review Research, 2020, 2, .	1.3	14
111	Attribute Value Extraction Based on Rule Matching. Communications in Computer and Information Science, 2020, , 92-104.	0.4	0
112	Stochastic Analysis and Optimal Design of Majority Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 131-135.	2.2	9
113	Does being multi-headed make you better at solving problems? A survey of Physarum-based models and computations. Physics of Life Reviews, 2019, 29, 1-26.	1.5	48
114	Dynamic Cluster Formation Game for Attributed Graph Clustering. IEEE Transactions on Cybernetics, 2019, 49, 328-341.	6.2	87
115	Strategy imitation behavior driven influence adjustment promotes cooperation in spatial prisonerâ€™s dilemma game. Physica A: Statistical Mechanics and Its Applications, 2019, 534, 122183.	1.2	5
116	Physarum inspires research beyond biomimetic algorithms. Physics of Life Reviews, 2019, 29, 51-54.	1.5	3
117	Delay-induced patterns in a predatorâ€“prey model on complex networks with diffusion. New Journal of Physics, 2019, 21, 073035.	1.2	41
118	Investigation of epidemic spreading process on multiplex networks by incorporating fatal properties. Applied Mathematics and Computation, 2019, 359, 512-524.	1.4	69
119	Suppression of epidemic spreading process on multiplex networks via active immunization. Chaos, 2019, 29, 073111.	1.0	24
120	An Attention-Based BiLSTM-CRF Model for Chinese Clinic Named Entity Recognition. IEEE Access, 2019, 7, 113942-113949.	2.6	53
121	Ability-based evolution promotes cooperation in interdependent graphs. Europhysics Letters, 2019, 127, 68002.	0.7	20
122	Aspiration induced interdependence leads to optimal cooperation level. Chaos, 2019, 29, 083114.	1.0	5
123	Robust network structure reconstruction based on Bayesian compressive sensing. Chaos, 2019, 29, 093119.	1.0	4
124	Heuristic Approaches for Enhancing the Privacy of the Leader in IoT Networks. Sensors, 2019, 19, 3886.	2.1	1
125	Q-learning boosts the evolution of cooperation in structured population by involving extortion. Physica A: Statistical Mechanics and Its Applications, 2019, 536, 122551.	1.2	16
126	Winner-weaken-loser-strengthen rule leads to optimally cooperative interdependent networks. Nonlinear Dynamics, 2019, 96, 49-56.	2.7	43

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127	Self-organized interdependence among populations promotes cooperation by means of coevolution. Chaos, 2019, 29, 013139.	1.0	37
128	The effect of multigame on cooperation in spatial network. Applied Mathematics and Computation, 2019, 351, 162-167.	1.4	32
129	Perceptual constraints on colours induce the universality of linguistic colour categorisation. Scientific Reports, 2019, 9, 7719.	1.6	3
130	Scalable Graph-Based Clustering With Nonnegative Relaxation for Large Hyperspectral Image. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7352-7364.	2.7	56
131	Synaptic modifications driven by spike-timing-dependent plasticity in weakly coupled bursting neurons. Physical Review E, 2019, 99, 032419.	0.8	4
132	Swarm intelligence inspired cooperation promotion and symmetry breaking in interdependent networked game. Chaos, 2019, 29, 043101.	1.0	18
133	Coevolution of Vaccination Opinions and Awareness Affecting the Spread of Epidemics. IEEE Access, 2019, 7, 61558-61569.	2.6	8
134	Virus Propagation and Patch Distribution in Multiplex Networks: Modeling, Analysis, and Optimal Allocation. IEEE Transactions on Information Forensics and Security, 2019, 14, 1755-1767.	4.5	81
135	Aspiration-based coevolution of node weights promotes cooperation in the spatial prisonerâ€™s dilemma game. New Journal of Physics, 2019, 21, 063024.	1.2	44
136	Influence of contribution-based resource allocation mechanism on individual resource sharing cooperation in social networks. International Journal of Modern Physics C, 2019, 30, 2050007.	0.8	4
137	Adaptive willingness resolves social dilemma in network populations. Chaos, 2019, 29, 113114.	1.0	17
138	Zero-sum polymatrix games with link uncertainty: A Dempster-Shafer theory solution. Applied Mathematics and Computation, 2019, 340, 101-112.	1.4	106
139	Analysis of Epidemic Spreading Process in Adaptive Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1252-1256.	2.2	28
140	Analysis of transmission dynamics for Zika virus on networks. Applied Mathematics and Computation, 2019, 347, 566-577.	1.4	50
141	Pattern transitions in a vegetation system with cross-diffusion. Applied Mathematics and Computation, 2019, 342, 255-262.	1.4	12
142	On the Effectiveness of Least Squares Generative Adversarial Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2947-2960.	9.7	140
143	Greedily Remove k Links to Hide Important Individuals in Social Network. Communications in Computer and Information Science, 2019, , 223-237.	0.4	2
144	Optimal Dismantling of Interdependent Networks Based on Inverse Explosive Percolation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 953-957.	2.2	13

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145	Adaptive control of dynamical synchronization on evolving networks with noise disturbances. Physical Review E, 2018, 97, 022211.	0.8	11
146	Punishment diminishes the benefits of network reciprocity in social dilemma experiments. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 30-35.	3.3	213
147	Aspiration-based coevolution of link weight promotes cooperation in the spatial prisoner's dilemma game. Royal Society Open Science, 2018, 5, 180199.	1.1	93
148	Imitate or innovate: Competition of strategy updating attitudes in spatial social dilemma games. Europhysics Letters, 2018, 121, 18002.	0.7	49
149	Subsidy strategy based on history information can stimulate voluntary vaccination behaviors on seasonal diseases. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 390-399.	1.2	19
150	Network Community Detection Based on the <italic>Physarum</italic>-Inspired Computational Framework. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1916-1928.	1.9	38
151	Rigorous or tolerant: The effect of different reputation attitudes in complex networks. Future Generation Computer Systems, 2018, 83, 476-484.	4.9	11
152	Heterogeneous game resource distributions promote cooperation in spatial prisonerâ€™s dilemma game. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 1191-1200.	1.2	11
153	Neighbor-considered migration facilitates cooperation in prisonerâ€™s dilemma games. Applied Mathematics and Computation, 2018, 323, 95-105.	1.4	16
154	Coevolutionary resolution of the public goods dilemma in interdependent structured populations. Europhysics Letters, 2018, 124, 48003.	0.7	56
155	An Extended Exploration to the Epidemic Containment Game. , 2018, , .		1
156	Influence of bolstering network reciprocity in the evolutionary spatial Prisonerâ€™s Dilemma game: a perspective. European Physical Journal B, 2018, 91, 1.	0.6	57
157	Effects of external forcing on evolutionary games in complex networks. Chaos, 2018, 28, 093108.	1.0	32
158	Doubly effects of information sharing on interdependent network reciprocity. New Journal of Physics, 2018, 20, 075005.	1.2	103
159	Critical analysis of (Quasi-)Surprise for community detection in complex networks. Scientific Reports, 2018, 8, 14459.	1.6	7
160	Stochastic Analysis of Multiplex Boolean Networks for Understanding Epidemic Propagation. IEEE Access, 2018, 6, 35292-35304.	2.6	21
161	Assortative mixing in spatially-extended networks. Scientific Reports, 2018, 8, 13825.	1.6	7
162	Node Immunization in Networks with Uncertainty. , 2018, , .		0

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163	Optimal resource allocation in interdependent networks. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 104-110.	1.2	14
164	Enhance the Performance of Network Computation by a Tunable Weighting Strategy. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 214-223.	3.4	83
165	Inter-layer competition in adaptive multiplex network. New Journal of Physics, 2018, 20, 075004.	1.2	27
166	Exploiting a cognitive bias promotes cooperation in social dilemma experiments. Nature Communications, 2018, 9, 2954.	5.8	160
167	Evolution of cooperation under the influence of environments on individual-performed interactions. International Journal of Modern Physics C, 2018, 29, 1850070.	0.8	1
168	Understanding cooperative behavior of agents with heterogeneous perceptions in dynamic networks. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 234-240.	1.2	29
169	Suppressing epidemic spreading by risk-averse migration in dynamical networks. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 347-352.	1.2	18
170	Modeling altruism agents: Incentive mechanism in autonomous networks with other-regarding preference. Peer-to-Peer Networking and Applications, 2017, 10, 1169-1181.	2.6	3
171	Reasoning human emotional responses from large-scale social and public media. Applied Mathematics and Computation, 2017, 310, 182-193.	1.4	54
172	Statistical physics of human cooperation. Physics Reports, 2017, 687, 1-51.	10.3	1,036
173	Onymity promotes cooperation in social dilemma experiments. Science Advances, 2017, 3, e1601444.	4.7	199
174	Preferential imitation can invalidate targeted subsidy policies on seasonal-influenza diseases. Applied Mathematics and Computation, 2017, 294, 332-342.	1.4	66
175	Physics of metabolic organization. Physics of Life Reviews, 2017, 20, 1-39.	1.5	113
176	Cooperation and distributed optimization for the unreliable wireless game with indirect reciprocity. Science China Information Sciences, 2017, 60, 1.	2.7	12
177	Imitation and memory-based self-organizing behaviors under voluntary vaccination. , 2017, , .		1
178	Least Squares Generative Adversarial Networks. , 2017, , .		2,651
179	Collective Learning and Information Diffusion for Efficient Emergence of Social Norms. Studies in Computational Intelligence, 2017, , 193-210.	0.7	3
180	A quantum extension to inspection game. European Physical Journal B, 2016, 89, 1.	0.6	7

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181	A novel framework of classical and quantum prisonerâ€™s dilemma games on coupled networks. Scientific Reports, 2016, 6, 23024.	1.6	24
182	Physics of transportation: Towards optimal capacity using the multilayer network framework. Scientific Reports, 2016, 6, 19059.	1.6	35
183	The robustness of interdependent networks under the interplay between cascading failures and virus propagation. Europhysics Letters, 2016, 115, 58004.	0.7	22
184	Optimal step-size of pseudo affine projection algorithm. Applied Mathematics and Computation, 2016, 273, 82-88.	1.4	10
185	Analysis of the Chinese Airline Network as multi-layer networks. Transportation Research, Part E: Logistics and Transportation Review, 2016, 89, 108-116.	3.7	242
186	A biologically inspired immunization strategy for network epidemiology. Journal of Theoretical Biology, 2016, 400, 92-102.	0.8	14
187	A dynamic reward-based incentive mechanism: Reducing the cost of P2P systems. Knowledge-Based Systems, 2016, 112, 105-113.	4.0	11
188	Pattern transitions in spatial epidemics: Mechanisms and emergent properties. Physics of Life Reviews, 2016, 19, 43-73.	1.5	202
189	Promotion of cooperation induced by discriminators in the spatial multi-player donorâ€“recipient game. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 92-103.	1.2	5
190	Cooperation enhanced by indirect reciprocity in spatial prisonerâ€™s dilemma games for social P2P systems. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 1252-1260.	1.2	14
191	Disease control framework based on spatial epidemiology: Reply to comments on â€œPattern transitions in spatial epidemics: Mechanisms and emergent propertiesâ€• Physics of Life Reviews, 2016, 19, 103-106.	1.5	1
192	Statistical physics of vaccination. Physics Reports, 2016, 664, 1-113.	10.3	734
193	Suppressing traffic-driven epidemic spreading by adaptive routing strategy. Chaos, Solitons and Fractals, 2016, 93, 147-150.	2.5	21
194	Explosive transitions in complex networksâ€™ structure and dynamics: Percolation and synchronization. Physics Reports, 2016, 660, 1-94.	10.3	251
195	The robustness of multiplex networks under layer node-based attack. Scientific Reports, 2016, 6, 24304.	1.6	36
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