# Xiang Li

List of Publications by Year
in descending order

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|---|---|---|---|
| 190 papers | 5,282 citations | 126708 33 h-index | 95083 68 g-index |
| 197 all docs | 197 docs citations | 197 times ranked | 3115 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | On Evolutionary Vaccination Game in Activity-Driven Networks. IEEE Transactions on Computational Social Systems, 2023, 10, 142-152. | 3.2 | 6 |
| 2 | Controllability of Multilayer Snapback Networks. IEEE Transactions on Control of Network Systems, 2023, 10, 15-25. | 2.4 | 1 |
| 3 | Spatial-Spectral Terahertz Networks. IEEE Transactions on Wireless Communications, 2022, 21, 3881-3892. | 6.1 | 5 |
| 4 | Coevolution of opinion dynamics on evolving signed appraisal networks. Automatica, 2022, 137, 110138. | 3.0 | 5 |
| 5 | Network Representation Learning With Community Awareness and Its Applications in Brain Networks. Frontiers in Physiology, 2022, 13, . | 1.3 | 0 |
| 6 | The impact of information dissemination on vaccination in multiplex networks. Science China Information Sciences, 2022, 65, . | 2.7 | 7 |
| 7 | Global Stochastic Synchronization of Kuramoto-Oscillator Networks With Distributed Control. IEEE Transactions on Cybernetics, 2021, 51, 5825-5835. | 6.2 | 17 |
| 8 | Evolving Nature of Human Contact Networks with Its Impact on Epidemic Processes. Complexity, 2021, 2021, 1-13. | 0.9 | 0 |
| 9 | A Minimal Memory Game-Based Distributed Algorithm to Vertex Cover of Networks. , 2021, , . | | 0 |
| 10 | Network topology inference with estimated node importance. Europhysics Letters, 2021, 134, 58001. | 0.7 | 3 |
| 11 | On Successive Lag Synchronization of a Dynamical Network With Delayed Couplings. IEEE Transactions on Control of Network Systems, 2021, 8, 1151-1162. | 2.4 | 12 |
| 12 | The Kronecker-clique model for higher-order clustering coefficients. Physica A: Statistical Mechanics and Its Applications, 2021, 582, 126269. | 1.2 | 3 |
| 13 | Epidemic Threshold in Temporal Multiplex Networks With Individual Layer Preference. IEEE Transactions on Network Science and Engineering, 2021, 8, 814-824. | 4.1 | 23 |
| 14 | An Improved Solution to Identify Spatial Invasion on Metapopulation Networks with SI model. , 2021, , . | | 0 |
| 15 | Detection of Influential Nodes Using Neighbor Closeness in Complex Networks. , 2021, , . | | 2 |
| 16 | Spectral Analysis of Epidemic Thresholds of Temporal Networks. IEEE Transactions on Cybernetics, 2020, 50, 1965-1977. | 6.2 | 63 |
| 17 | Cooperative Formation of Self-Propelled Vehicles With Directed Communications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 315-319. | 2.2 | 12 |
| 18 | Temporal Stable Community in Time-Varying Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 1508-1520. | 4.1 | 12 |

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| 19 | Distributed Consensus of Heterogeneous Linear Time-Varying Systems on UAVsâ€"USVs Coordination. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1264-1268. | 2.2 | 22 |
| 20 | Vaccinating SIS epidemics under evolving perception in heterogeneous networks. European Physical Journal B, 2020, 93, 185. | 0.6 | 3 |
| 21 | Distributed Model Predictive Consensus of Heterogeneous Time-Varying Multi-Agent Systems: With and Without Self-Triggered Mechanism. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5358-5368. | 3.5 | 33 |
| 22 | Collective Synchronization of Kuramoto-Oscillator Networks. IEEE Circuits and Systems Magazine, 2020, 20, 46-67. | 2.6 | 17 |
| 23 | Data Based Reconstruction of Duplex Networks. SIAM Journal on Applied Dynamical Systems, 2020, 19, 124-150. | 0.7 | 28 |
| 24 | Guest Editorial Introduction to the Special Section on Network of Cyber-Social Networks: Modeling, Analysis, and Control. IEEE Transactions on Network Science and Engineering, 2020, 7, 686-687. | 4.1 | 1 |
| 25 | Understanding the User Behavior of Foursquare: A Data-Driven Study on a Global Scale. IEEE Transactions on Computational Social Systems, 2020, 7, 1019-1032. | 3.2 | 16 |
| 26 | Formation of Generic UAVs-USVs System Under Distributed Model Predictive Control Scheme. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3123-3127. | 2.2 | 28 |
| 27 | Controllability of Deep-Coupling Dynamical Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5211-5222. | 3.5 | 11 |
| 28 | Perception Effect in Evolutionary Vaccination Game Under Prospect-Theoretic Approach. IEEE Transactions on Computational Social Systems, 2020, 7, 329-338. | 3.2 | 16 |
| 29 | Bearing-Only Formation Control of Multi-Agent System Without Leaderâ€™s Velocity Information. IFAC-PapersOnLine, 2020, 53, 11044-11049. | 0.5 | 2 |
| 30 | Inferring FOLLOW Relationship from Repost Relationship between Users on Sina Weibo. IFAC-PapersOnLine, 2020, 53, 2874-2879. | 0.5 | 1 |
| 31 | On Finite Weighted Potential Game. , 2020, , . | | 0 |
| 32 | Interlayer impacts to deep-coupling dynamical networks: A snapshot of equilibrium stability. Chaos, 2019, 29, 073104. | 1.0 | 4 |
| 33 | Global Frequency Synchronization of Complex Power Networks Via Coordinating Switching Control. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3123-3133. | 3.5 | 18 |
| 34 | Heterogeneous cooperative leadership structure emerging from random regular graphs. Chaos, 2019, 29, 103103. | 1.0 | 48 |
| 35 | Adaptive event-triggered distributed model predictive control for multi-agent systems. Systems and Control Letters, 2019, 134, 104531. | 1.3 | 25 |
| 36 | Toward optimizing control signal paths in functional brain networks. Chaos, 2019, 29, 103144. | 1.0 | 5 |

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|---|---|---|---|
| 37 | Incentive Mechanism for Macrotasking Crowdsourcing: A Zero-Determinant Strategy Approach. IEEE Internet of Things Journal, 2019, 6, 8589-8601. | 5.5 | 16 |
| 38 | Mining the rank of universities with Wikipedia. Science China Information Sciences, 2019, 62, 1. | 2.7 | 4 |
| 39 | Robust Distributed Model Predictive Control Based Consensus of General Linear Multi-Agent Systems. , 2019, , . | | 7 |
| 40 | Bridging Fatty Liver Disease and Traditional Chinese Medicine: A Complex Network Approach. , 2019, , . | | 0 |
| 41 | Can multiple social ties help improve human location prediction?. Physica A: Statistical Mechanics and Its Applications, 2019, 525, 1276-1288. | 1.2 | 2 |
| 42 | Community detector on symptom networks with applications to fatty liver disease. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121328. | 1.2 | 1 |
| 43 | Uncovering Spatial Invasion on Metapopulation Networks with SIR Epidemics. IEEE Transactions on Network Science and Engineering, 2019, 6, 788-800. | 4.1 | 12 |
| 44 | Epidemic spreading in time-varying networks with activity-driven infectivity. , 2019, , . | | 2 |
| 45 | Decentralized flocking of multi-agent system based on MPC with obstacle/collision avoidance. , 2019, , . | | 9 |
| 46 | Finite-Time and Fixed-Time Synchronization of Kuramoto-Oscillator Network With Multiplex Control. IEEE Transactions on Control of Network Systems, 2019, 6, 863-873. | 2.4 | 39 |
| 47 | How the weak and strong links affect the evolution of prisoner's dilemma game. New Journal of Physics, 2019, 21, 015002. | 1.2 | 11 |
| 48 | Distributed Model Predictive Consensus With Self-Triggered Mechanism in General Linear Multiagent Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 3987-3997. | 7.2 | 51 |
| 49 | Frequency Network Analysis of Heart Rate Variability for Obstructive Apnea Patient Detection. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1895-1905. | 3.9 | 18 |
| 50 | Pacemaker-Based Global Synchronization of Kuramoto Oscillators via Distributed Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1768-1772. | 2.2 | 18 |
| 51 | Minimizing Social Cost of Vaccinating Network SIS Epidemics. IEEE Transactions on Network Science and Engineering, 2018, 5, 326-335. | 4.1 | 26 |
| 52 | Cluster Consensus in Networks of Agents With Weighted Cooperativeâ€"Competitive Interactions. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 241-245. | 2.2 | 47 |
| 53 | The Roles of Input Matrix and Nodal Dynamics in Network Controllability. IEEE Transactions on Control of Network Systems, 2018, 5, 1764-1774. | 2.4 | 10 |
| 54 | Finite- Time Adaptive Synchronization of Drive-Response Two-Layer Networks. , 2018, , . | | 2 |

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| 55 | Win-Win Zero-Determinant Strategy to Vaccinate the SIS Network Epidemics. , 2018, , . | | 1 |
| 56 | Predicting Location Trajectories of Humans by Their Diverse Social Ties. , 2018, , . | | 1 |
| 57 | Selfâ€triggered distributed model predictive control for flocking of multiâ€agent systems. IET Control Theory and Applications, 2018, 12, 2441-2448. | 1.2 | 17 |
| 58 | User Behavior Analysis and Video Popularity Prediction on a Large-Scale VoD System. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-24. | 3.0 | 9 |
| 59 | Exponential synchronization and phase locking of a multilayer Kuramoto-oscillator system with a pacemaker. Neurocomputing, 2018, 308, 129-137. | 3.5 | 31 |
| 60 | Asymmetric Game: A Silver Bullet to Weighted Vertex Cover of Networks. IEEE Transactions on Cybernetics, 2018, 48, 2994-3005. | 6.2 | 24 |
| 61 | Quantifying the contact memory in temporal human interactions. , 2018, , . | | 0 |
| 62 | Designing Socially-Optimal Rating Protocols for Crowdsourcing Contest Dilemma. IEEE Transactions on Information Forensics and Security, 2017, 12, 1330-1344. | 4.5 | 26 |
| 63 | Reconstruction of stochastic temporal networks through diffusive arrival times. Nature Communications, 2017, 8, 15729. | 5.8 | 34 |
| 64 | Stability of Synchronous Solutions in a Directed Kuramoto-Oscillator Network With a Pacemaker. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1222-1226. | 2.2 | 18 |
| 65 | Consensus in Networked Multiagent Systems With Stochastic Sampling. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 982-986. | 2.2 | 16 |
| 66 | Towards Identifying and Predicting Spatial Epidemics on Complex Meta-population Networks. Theoretical Biology, 2017, , 129-160. | 0.0 | 2 |
| 67 | Zero-Determinant Strategy for Cooperation Enforcement in Crowdsourcing. , 2017, , . | | 3 |
| 68 | Self-triggered robust output feedback model predictive control of constrained linear systems. , 2017, , . | | 11 |
| 69 | Outdoor flocking of quadcopter drones with decentralized model predictive control. ISA Transactions, 2017, 71, 84-92. | 3.1 | 54 |
| 70 | Cooperation and distributed optimization for the unreliable wireless game with indirect reciprocity. Science China Information Sciences, 2017, 60, 1. | 2.7 | 12 |
| 71 | A multi-agent flocking system with communication delays via distributed model predictive control. , 2017, , . | | 3 |
| 72 | The functional regions in structural controllability of human functional brain networks. , 2017, , . | | 4 |

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| 73 | Temporal functional connectomics in schizophrenia and healthy controls. , 2017, , . | | 0 |
| 74 | Structural Controllability of Temporal Networks with a Single Switching Controller. PLoS ONE, 2017, 12, e0170584. | 1.1 | 19 |
| 75 | Vaccinating SIS epidemics in networks with zero-determinant strategy. , 2017, , . | | 9 |
| 76 | Improving network stability via edge removal. , 2017, , . | | 0 |
| 77 | More or less controllers to synchronize a Kuramoto-oscillator network via a pacemaker?. , 2016, , . | | 3 |
| 78 | Recent advances and challenges on control of complex networks. , 2016, , . | | 2 |
| 79 | Identifying familiar strangers in human encounter networks. Europhysics Letters, 2016, 116, 18006. | 0.7 | 15 |
| 80 | Cluster consensus of high-order multi-agent systems in weighted coopetitive networks. , 2016, , . | | 1 |
| 81 | Mobility patterns of human population among university campuses. , 2016, , . | | 0 |
| 82 | Self-triggered consensus of multi-agent systems via model predictive control**This work was supported by the National Natural Science Foundation (No. 61273223), and the National Science Fund for Distinguished Young Scholars of China (No. 61425019).. IFAC-PapersOnLine, 2016, 49, 19-24. | 0.5 | 6 |
| 83 | Structural Controllability of Temporally Switching Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1771-1781. | 3.5 | 44 |
| 84 | Predicting spatial transmission at the early stage of epidemics on a networked metapopulation. , 2016, , . | | 3 |
| 85 | Towards identifying epidemic processes with interplay between complex networks and human populations. , 2016, , . | | 2 |
| 86 | Identifying Spatial Invasion of Pandemics on Metapopulation Networks Via Anatomizing Arrival History. IEEE Transactions on Cybernetics, 2016, 46, 2782-2795. | 6.2 | 61 |
| 87 | Modelling temporal networks of human face-to-face contacts with public activity and individual reachability. European Physical Journal B, 2016, 89, 1. | 0.6 | 13 |
| 88 | Towards Structural Controllability of Temporal Complex Networks. Understanding Complex Systems, 2016, , 341-371. | 0.3 | 4 |
| 89 | Inferring spatial transmission of epidemics in networked metapopulations. , 2015, , . | | 4 |
| 90 | Towards realizing a multiple vehicle coordination system. , 2015, , . | | 0 |

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| 91 | Asynchronous consensus of second-order multi-agent systems with aperiodic sampled-data. , 2015, , . | | 2 |
| 92 | Evolutionary Origin of Asymptotically Stable Consensus. Scientific Reports, 2015, 4, 4590. | 1.6 | 8 |
| 93 | When Reputation Enforces Evolutionary Cooperation in Unreliable MANETs. IEEE Transactions on Cybernetics, 2015, 45, 2190-2201. | 6.2 | 47 |
| 94 | Consensus of multiple double-integrators with aperiodic sampled-data and switching topology. , 2015, , . | | 1 |
| 95 | Cluster consensus in networks of agents with weighted cooperative-competitive interactions via nonlinear protocols. , 2015, , . | | 2 |
| 96 | Design and implementation of a quadrotor for indoor swarm research. , 2015, , . | | 0 |
| 97 | Human Interactive Patterns in Temporal Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 214-222. | 5.9 | 55 |
| 98 | Synchronizing a Weighted and Weakly-Connected Kuramoto-Oscillator Digraph With a Pacemaker. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 899-905. | 3.5 | 46 |
| 99 | Characterizing Bursts of Aggregate Pairs With Individual Poissonian Activity and Preferential Mobility. IEEE Communications Letters, 2015, 19, 1225-1228. | 2.5 | 11 |
| 100 | Asynchronous Consensus of Multiple Double-Integrator Agents With Arbitrary Sampling Intervals and Communication Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 2301-2311. | 3.5 | 73 |
| 101 | Moderate Intra-Group Bias Maximizes Cooperation on Interdependent Populations. PLoS ONE, 2014, 9, e88412. | 1.1 | 17 |
| 102 | On structural controllability of complex networks using polar placement. , 2014, , . | | 3 |
| 103 | Towards a graphic tool of structural controllability of temporal networks. , 2014, , . | | 5 |
| 104 | An evolutionary game optimization to vertex cover of dynamic networks. , 2014, , . | | 4 |
| 105 | When susceptible-infectious-susceptible contagion meets time-varying networks with identical infectivity. Europhysics Letters, 2014, 108, 28006. | 0.7 | 15 |
| 106 | Spatial epidemiology of networked metapopulation: an overview. Science Bulletin, 2014, 59, 3511-3522. | 1.7 | 169 |
| 107 | Discovering and Predicting Temporal Patterns of WiFi-Interactive Social Populations. , 2014, , 99-122. | | 3 |
| 108 | Structural Controllability and Controlling Centrality of Temporal Networks. PLoS ONE, 2014, 9, e94998. | 1.1 | 49 |

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| 109 | Consensus of sampled-data multi-agent networking systems via model predictive control. Automatica, 2013, 49, 2502-2507. | 3.0 | 75 |
| 110 | Recent advances in bridging time series and complex networks. , 2013, , . | | 2 |
| 111 | Towards a Snowdrift Game Optimization to Vertex Cover of Networks. IEEE Transactions on Cybernetics, 2013, 43, 948-956. | 6.2 | 41 |
| 112 | Towards the role of social connectivity and aspiration level on evolutionary game. European Physical Journal B, 2013, 86, 1. | 0.6 | 9 |
| 113 | Temporal dynamics and impact of event interactions in cyber-social populations. Chaos, 2013, 23, 013131. | 1.0 | 28 |
| 114 | How human location-specific contact patterns impact spatial transmission between populations?. Scientific Reports, 2013, 3, 1468. | 1.6 | 84 |
| 115 | Flocking of Multi-Agent Systems Via Model Predictive Control Based on Position-Only Measurements. IEEE Transactions on Industrial Informatics, 2013, 9, 377-385. | 7.2 | 91 |
| 116 | Consensus in networked multi-agent systems via model predictive control with horizon one. , 2013, , . | | 1 |
| 117 | On the clustering coefficients of temporal networks and epidemic dynamics. , 2013, , . | | 2 |
| 118 | Detecting community structure of networks using evolutionary coordination games. , 2013, , . | | 1 |
| 119 | THE IMPACT OF HUMAN LOCATION-SPECIFIC CONTACT PATTERN ON THE SIR EPIDEMIC TRANSMISSION BETWEEN POPULATIONS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350095. | 0.7 | 32 |
| 120 | On Estimating Spatial Epidemic Parameters of a Simplified Metapopulation Model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 383-388. | 0.4 | 4 |
| 121 | Reliable Detection of Malignant Ventricular Arrhythmias Based on Complex Network Theory. Lecture Notes in Computer Science, 2013, , 196-205. | 1.0 | 0 |
| 122 | Estimating the value of containment strategies in delaying the arrival time of an influenza pandemic: A case study of travel restriction and patient isolation. Physical Review E, 2012, 86, 032901. | 0.8 | 36 |
| 123 | EXTENDING LOCAL PASSIVITY THEORY AND HOPF BIFURCATION AT THE EDGE OF CHAOS IN OREGONATOR CNN. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250285. | 0.7 | 1 |
| 124 | BIFURCATIONS IN A FREQUENCY-WEIGHTED KURAMOTO OSCILLATORS NETWORK. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250230. | 0.7 | 1 |
| 125 | Bridging Time Series Dynamics and Complex Network Theory with Application to Electrocardiogram Analysis. IEEE Circuits and Systems Magazine, 2012, 12, 33-46. | 2.6 | 24 |
| 126 | A Data-driven inference algorithm for epidemic pathways using surveillance reports in 2009 outbreak of influenza A (H1N1). , 2012, , . | | 4 |

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| 127 | Characterizing large-scale population's indoor spatio-temporal interactive behaviors. , 2012, , . | | 12 |
| 128 | Bridge time series and complex networks with a frequency-degree mapping algorithm. , 2012, , . | | 6 |
| 129 | Towards a temporal network analysis of interactive WiFi users. Europhysics Letters, 2012, 98, 68002. | 0.7 | 52 |
| 130 | The law of evolutionary dynamics in community-structured population. Journal of Theoretical Biology, 2012, 306, 1-6. | 0.8 | 17 |
| 131 | Evolution of Scaling Emergence in Large-Scale Spatial Epidemic Spreading. PLoS ONE, 2011, 6, e21197. | 1.1 | 65 |
| 132 | Flocking of Discrete-time Multi-Agent Systems with Predictive Mechanisms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 5669-5674. | 0.4 | 14 |
| 133 | The Emergence of Cooperative Leadership from Homogenous Random Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 1977-1981. | 0.4 | 0 |
| 134 | Perceptron Implementation of Triple-Valued Logic Operations. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 590-594. | 2.2 | 5 |
| 135 | Detection and prediction of the onset of human ventricular fibrillation: An approach based on complex network theory. Physical Review E, 2011, 84, 062901. | 0.8 | 38 |
| 136 | Synchronization and chimera states of frequency-weighted Kuramoto-oscillator networks. Physical Review E, 2011, 83, 066214. | 0.8 | 54 |
| 137 | A gravity-based A/R model of swarming a multi-agent network with density information. , 2011, , . | | 0 |
| 138 | Roles of betweenness in controlling catastrophic cascading failures on scale-free networks. , 2011, , . | | 0 |
| 139 | Epidemic prevalence on random mobile dynamical networks: individual heterogeneity and correlation. European Physical Journal B, 2010, 75, 319-326. | 0.6 | 25 |
| 140 | Global stabilization of complex networks with digraph topologies via a local pinning algorithm. Automatica, 2010, 46, 116-121. | 3.0 | 139 |
| 141 | Comment on â€œNetwork analysis of human heartbeat dynamicsâ€•[Appl. Phys. Lett. 96, 073703 (2010)]. Applied Physics Letters, 2010, 96, . | 1.5 | 28 |
| 142 | The roles of small-world and degree heterogeneity on evolutionary behavior networks. , 2010, , . | | 0 |
| 143 | Assortative degree-mixing patterns inhibit behavioral diversity of a scale-free structured population in high-mutation situations. Europhysics Letters, 2010, 89, 18006. | 0.7 | 1 |
| 144 | Control and Flocking of Networked Systems via Pinning. IEEE Circuits and Systems Magazine, 2010, 10, 83-91. | 2.6 | 76 |

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| 145 | Largest Laplacian eigenvalue predicts the emergence of costly punishment in the evolutionary ultimatum game on networks. Physical Review E, 2009, 80, 066101. | 0.8 | 30 |
| 146 | Dynamical organization of cooperation on homogeneous networked system. , 2009, , . | | 1 |
| 147 | Pinning a complex network through the betweenness centrality strategy. , 2009, , . | | 9 |
| 148 | The complex software network evolution of Java Development Kits: topological properties and design principles. International Journal of Systems, Control and Communications, 2009, 1, 478. | 0.2 | 0 |
| 149 | Some Recent Advances in Complex Networks Synchronization. Studies in Computational Intelligence, 2009, , 3-16. | 0.7 | 21 |
| 150 | The role of degree-weighted couplings in the synchronous onset of Kuramoto oscillator networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 6624-6630. | 1.2 | 8 |
| 151 | A novel neural-net-based nonlinear adaptive control and application to the cross-direction deviations control of a polymer film spread line. Chaos, Solitons and Fractals, 2008, 35, 808-813. | 2.5 | 1 |
| 152 | The study of epidemic spreading in a mobile multi-agent system. , 2008, , . | | 1 |
| 153 | Weighted Evolving Networks with Self-organized Communities. Communications in Theoretical Physics, 2008, 50, 261-266. | 1.1 | 28 |
| 154 | Two Novel Methods to Enhance Network Synchronizability. Communications in Theoretical Physics, 2008, 49, 1064-1068. | 1.1 | 3 |
| 155 | The study of epidemic spreading on a mobile multi-agent system with infective expressivity and its control strategy. , 2008, , . | | 0 |
| 156 | The emergence of stable cooperators in heterogeneous networked systems. , 2008, , . | | 4 |
| 157 | Mixed evolutionary strategies imply coexisting opinions on networks. Physical Review E, 2008, 77, 016108. | 0.8 | 20 |
| 158 | Roles of mixing patterns in cooperation on a scale-free networked game. Physical Review E, 2007, 76, 027101. | 0.8 | 299 |
| 159 | Synchronizability is Enhanced in Homogeneous Small-world Networks. , 2007, , . | | 0 |
| 160 | Enhancing Synchronizabilities of Power-Law Networks. , 2007, , . | | 1 |
| 161 | On the stability of epidemic spreading in small-world networks: how prompt the recovery should be?. International Journal of Systems Science, 2007, 38, 401-411. | 3.7 | 15 |
| 162 | Epidemics and immunization on Euclidean distance preferred small-world networks. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 684-690. | 1.2 | 32 |

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| 163 | A new community-based evolving network model. Physica A: Statistical Mechanics and Its Applications, 2007, 384, 725-732. | 1.2 | 28 |
| 164 | Controlling the spreading in small-world evolving networks: stability, oscillation, and topology. IEEE Transactions on Automatic Control, 2006, 51, 534-540. | 3.6 | 63 |
| 165 | Evolving Topology of Java Networks. , 2006, , . | | 6 |
| 166 | Uniform synchronous criticality of diversely random complex networks. Physica A: Statistical Mechanics and Its Applications, 2006, 360, 629-636. | 1.2 | 13 |
| 167 | Synchronization in weighted complex networks: Heterogeneity and synchronizability. Physica A: Statistical Mechanics and Its Applications, 2006, 370, 381-389. | 1.2 | 22 |
| 168 | Cooperative dynamics of snowdrift game on spatial distance-dependent small-world networks. European Physical Journal B, 2006, 54, 369-373. | 0.6 | 22 |
| 169 | Phase synchronization in complex networks with decayed long-range interactions. Physica D: Nonlinear Phenomena, 2006, 223, 242-247. | 1.3 | 30 |
| 170 | Modeling the Evolving Internet Topology. , 2006, , . | | 1 |
| 171 | Synchronization in Triangled Complex Networks. Communications in Theoretical Physics, 2006, 45, 955-960. | 1.1 | 5 |
| 172 | Consensus in a heterogeneous influence network. Physical Review E, 2006, 74, 037101. | 0.8 | 36 |
| 173 | Towards Optimal Synchronization in Power Law Networks. , 2006, , . | | 0 |
| 174 | Generalized local-world models for weighted networks. Physical Review E, 2006, 73, 056109. | 0.8 | 52 |
| 175 | ON SPREADING DYNAMICS IN DISCRETE SMALL-WORLD NETWORKS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 1107-1111. | 0.4 | 0 |
| 176 | Transition from regularity to Liâ€"Yorke chaos in coupled logistic networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 338, 472-478. | 0.9 | 5 |
| 177 | On synchronous preference of complex dynamical networks. Physica A: Statistical Mechanics and Its Applications, 2005, 355, 657-666. | 1.2 | 34 |
| 178 | Mechanisms for spreading of computer virus on the Internet: an overview. , 2004, , . | | 0 |
| 179 | Transition to chaos in complex dynamical networks. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 367-378. | 1.2 | 34 |
| 180 | On the topology of the world exchange arrangements web. Physica A: Statistical Mechanics and Its Applications, 2004, 343, 573-582. | 1.2 | 26 |

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| 181 | Stability and bifurcation of disease spreading in complex networks. International Journal of Systems Science, 2004, 35, 527-536. | 3.7 | 30 |
| 182 | Pinning a Complex Dynamical Network to Its Equilibrium. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2004, 51, 2074-2087. | 0.1 | 829 |
| 183 | Complexity and synchronization of the World trade Web. Physica A: Statistical Mechanics and Its Applications, 2003, 328, 287-296. | 1.2 | 218 |
| 184 | A local-world evolving network model. Physica A: Statistical Mechanics and Its Applications, 2003, 328, 274-286. | 1.2 | 347 |
| 185 | Synchronization and desynchronization of complex dynamical networks: an engineering viewpoint. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 1381-1390. | 0.1 | 243 |
| 186 | Chaotifying linear Elman networks. IEEE Transactions on Neural Networks, 2002, 13, 1193-1199. | 4.8 | 54 |
| 187 | Simple Recurrent Neural Networkâ€Based Adaptive Predictive Control for Nonlinear Systems. Asian Journal of Control, 2002, 4, 231-239. | 1.9 | 33 |
| 188 | Generating chaos by an Elman network. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 1126-1131. | 0.1 | 21 |
| 189 | Feedback control of scale-free coupled Henon maps. , 0, , . | | 1 |
| 190 | Chaotic and periodic spreading dynamics in discrete small-world networks. , 0, , . | | 1 |