

Lixin Tian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

965
citations

17
h-index

30
g-index

55
ext. papers

1,228
ext. citations

6
avg, IF

4.79
L-index

#	Paper	IF	Citations
53	Robustness of network of networks under targeted attack. <i>Physical Review E</i> , 2013 , 87, 052804	2.4	134
52	Percolation of partially interdependent networks under targeted attack. <i>Physical Review E</i> , 2012 , 85, 016112	2.4	79
51	The impacts of carbon tax on energy intensity and economic growth – A dynamic evolution analysis on the case of China. <i>Applied Energy</i> , 2013 , 110, 17-28	10.7	77
50	A complex network perspective on interrelations and evolution features of international oil trade, 2002–2013. <i>Applied Energy</i> , 2017 , 196, 142-151	10.7	60
49	Fluctuation behavior analysis of international crude oil and gasoline price based on complex network perspective. <i>Applied Energy</i> , 2016 , 175, 109-127	10.7	59
48	From time series to complex networks: The phase space coarse graining. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 461, 456-468	3.3	56
47	Resilience of networks with community structure behaves as if under an external field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6911-6915	11.5	52
46	Research on the interaction patterns among the global crude oil import dependency countries: A complex network approach. <i>Applied Energy</i> , 2016 , 180, 779-791	10.7	44
45	Analysis and application of a novel three-dimensional energy-saving and emission-reduction dynamic evolution system. <i>Energy</i> , 2012 , 40, 291-299	7.9	40
44	Regulating effect of the energy market – theoretical and empirical analysis based on a novel energy prices – energy supply – economic growth dynamic system. <i>Applied Energy</i> , 2015 , 155, 526-546	10.7	34
43	Dynamics and adaptive synchronization of the energy resource system. <i>Chaos, Solitons and Fractals</i> , 2007 , 31, 879-888	9.3	26
42	Multifractality and market efficiency of carbon emission trading market: Analysis using the multifractal detrended fluctuation technique. <i>Applied Energy</i> , 2019 , 251, 113333	10.7	22
41	Government control or low carbon lifestyle? – Analysis and application of a novel selective-constrained energy-saving and emission-reduction dynamic evolution system. <i>Energy Policy</i> , 2014 , 68, 498-507	7.2	19
40	Optimal resilience of modular interacting networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	19
39	The rebalancing of bike-sharing system under flow-type task window. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 112, 1-27	8.4	18
38	Efficient network immunization under limited knowledge. <i>National Science Review</i> , 2021 , 8, nwaa229	10.8	18
37	Green development growth momentum under carbon neutrality scenario. <i>Journal of Cleaner Production</i> , 2021 , 316, 128327	10.3	18

36	Targeted attack on networks coupled by connectivity and dependency links. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 450, 687-699	3.3	16
35	Systemic risk and spatiotemporal dynamics of the consumer market of China. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 473, 188-204	3.3	15
34	Identifying the peak point of systemic risk in international crude oil importing trade. <i>Energy</i> , 2019 , 176, 281-291	7.9	15
33	A new assessment model of social cost of carbon and its situation analysis in China. <i>Journal of Cleaner Production</i> , 2019 , 211, 1434-1443	10.3	15
32	Effects of awareness and policy on green behavior spreading in multiplex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 514, 226-234	3.3	15
31	The energy resources system with parametric perturbations and its hyperchaos control. <i>Nonlinear Analysis: Real World Applications</i> , 2009 , 10, 2620-2626	2.1	14
30	A new endogenous growth model for green low-carbon behavior and its comprehensive effects. <i>Applied Energy</i> , 2018 , 230, 1332-1346	10.7	14
29	Robustness on interdependent networks with a multiple-to-multiple dependent relationship. <i>Chaos</i> , 2019 , 29, 073107	3.3	13
28	Analysis of the Dynamic Evolutionary Behavior of American Heating Oil Spot and Futures Price Fluctuation Networks. <i>Sustainability</i> , 2017 , 9, 574	3.6	10
27	The evolution model of electricity market on the stable development in China and its dynamic analysis. <i>Energy</i> , 2016 , 114, 344-359	7.9	10
26	Spatial-temporal characteristics of green travel behavior based on vector perspective. <i>Journal of Cleaner Production</i> , 2019 , 234, 549-558	10.3	7
25	A Complex Network Perspective on Features and Evolution of World Crude Oil Trade. <i>Energy Procedia</i> , 2016 , 104, 221-226	2.3	7
24	Degree distributions and motif profiles of limited penetrable horizontal visibility graphs. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 509, 620-634	3.3	7
23	Percolation on coupled networks with multiple effective dependency links. <i>Chaos</i> , 2021 , 31, 033152	3.3	5
22	Research on the development efficiency of regional high-end talent in China: A complex network approach. <i>PLoS ONE</i> , 2017 , 12, e0188816	3.7	4
21	Option to survive or surrender: Carbon asset management and optimization in thermal power enterprises from China. <i>Journal of Cleaner Production</i> , 2021 , 314, 128006	10.3	4
20	Non-consensus opinion model with a neutral view on complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 450, 601-608	3.3	3
19	Phase transition behavior of finite clusters under localized attack.. <i>Chaos</i> , 2022 , 32, 023105	3.3	3

18	Natural Gas Scarcity Risk in the Belt and Road Economies Based on Complex Network and Multi-Regional Input-Output Analysis. <i>Mathematics</i> , 2022 , 10, 788	2.3	2
17	Three-state majority-vote model on small-world networks.. <i>Scientific Reports</i> , 2022 , 12, 282	4.9	1
16	Option pricing of carbon asset and its application in digital decision-making of carbon asset. <i>Applied Energy</i> , 2022 , 310, 118375	10.7	1
15	Correlation Determination between COVID-19 and Weather Parameters Using Time Series Forecasting: A Case Study in Pakistan. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-9	1.1	1
14	Research on the forward-looking behavior judgment of heating oil price evolution based on complex networks. <i>PLoS ONE</i> , 2018 , 13, e0202209	3.7	1
13	Dynamical Recovery of Complex Networks under a Localised Attack. <i>Algorithms</i> , 2021 , 14, 274	1.8	1
12	Marginal return-ability measurement of carbon emission right and its application to unification route analysis of carbon markets. <i>Journal of Cleaner Production</i> , 2022 , 345, 130684	10.3	1
11	A Briefing Survey on Advances of Coupled Networks With Various Patterns. <i>Frontiers in Physics</i> , 2021 , 9,	3.9	1
10	The Information Spillover among the Carbon Market, Energy Market, and Stock Market: A Case Study of China's Pilot Carbon Markets. <i>Sustainability</i> , 2022 , 14, 4479	3.6	1
9	Health-education-disaster green low-carbon endogenous economic growth model and its new accompanying effects. <i>Journal of Cleaner Production</i> , 2022 , 359, 131923	10.3	1
8	Network resilience of non-hub nodes failure under memory and non-memory based attacks with limited information. <i>Chaos</i> , 2022 , 32, 063110	3.3	1
7	Natural Gas Scarcity Risk for Countries along the Belt and Road. <i>Energies</i> , 2022 , 15, 1053	3.1	0
6	The impact of climate damage function on the social cost of carbon and economic growth rate. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020 , 25, 1287-1304	3.9	0
5	A Two-Stage Location and Allocation Framework of Dockless Bike-Sharing System. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2022 , 2-13	2.6	0
4	Percolation behaviors of a network of networks under intentional attack with limited information. <i>Chaos, Solitons and Fractals</i> , 2022 , 159, 112147	9.3	0
3	Research on the Transmission Ability of China's Thermal Coal Price Information Based on Directed Limited Penetrable Interdependent Network. <i>Sustainability</i> , 2020 , 12, 7815	3.6	
2	The energy efficiency model under the market response and the evolutionary path under its regulation policy in China. <i>Energy Efficiency</i> , 2019 , 12, 895-920	3	
1	Robustness and Pre-warning of Real-time Service of Station-based Bike-sharing System under Normal Operation. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2021 , 0-0	2.6	

