

Lixin Tian

List of Publications by Year in descending order

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54
papers

1,464
citations

331259

21
h-index

329751

37
g-index

55
all docs

55
docs citations

55
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustness of network of networks under targeted attack. <i>Physical Review E</i> , 2013, 87, 052804.	0.8	167
2	Percolation of partially interdependent networks under targeted attack. <i>Physical Review E</i> , 2012, 85, 016112.	0.8	102
3	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.	5.1	90
4	A complex network perspective on interrelations and evolution features of international oil trade, 2002–2013. <i>Applied Energy</i> , 2017, 196, 142-151.	5.1	83
5	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.	3.3	82
6	Green development growth momentum under carbon neutrality scenario. <i>Journal of Cleaner Production</i> , 2021, 316, 128327.	4.6	77
7	From time series to complex networks: The phase space coarse graining. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 461, 456-468.	1.2	71
8	Fluctuation behavior analysis of international crude oil and gasoline price based on complex network perspective. <i>Applied Energy</i> , 2016, 175, 109-127.	5.1	66
9	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.	5.1	53
10	Analysis and application of a novel three-dimensional energy-saving and emission-reduction dynamic evolution system. <i>Energy</i> , 2012, 40, 291-299.	4.5	49
11	Multifractality and market efficiency of carbon emission trading market: Analysis using the multifractal detrended fluctuation technique. <i>Applied Energy</i> , 2019, 251, 113333.	5.1	48
12	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.	5.1	46
13	Optimal resilience of modular interacting networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	41
14	The rebalancing of bike-sharing system under flow-type task window. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 112, 1-27.	3.9	40
15	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.	4.6	36
16	Dynamics and adaptive synchronization of the energy resource system. <i>Chaos, Solitons and Fractals</i> , 2007, 31, 879-888.	2.5	34
17	Efficient network immunization under limited knowledge. <i>National Science Review</i> , 2021, 8, nwaa229.	4.6	26
18	Targeted attack on networks coupled by connectivity and dependency links. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 450, 687-699.	1.2	25

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19	A new endogenous growth model for green low-carbon behavior and its comprehensive effects. <i>Applied Energy</i> , 2018, 230, 1332-1346.	5.1	25
20	Identifying the peak point of systemic risk in international crude oil importing trade. <i>Energy</i> , 2019, 176, 281-291.	4.5	23
21	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.	4.2	22
22	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.	1.2	22
23	Option pricing of carbon asset and its application in digital decision-making of carbon asset. <i>Applied Energy</i> , 2022, 310, 118375.	5.1	19
24	Robustness on interdependent networks with a multiple-to-multiple dependent relationship. <i>Chaos</i> , 2019, 29, 073107.	1.0	18
25	Systemic risk and spatiotemporal dynamics of the consumer market of China. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 473, 188-204.	1.2	16
26	The energy resources system with parametric perturbations and its hyperchaos control. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 2620-2626.	0.9	15
27	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.	4.6	15
28	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.	1.6	14
29	A Complex Network Perspective on Features and Evolution of World Crude Oil Trade. <i>Energy Procedia</i> , 2016, 104, 221-226.	1.8	12
30	Three-state majority-vote model on small-world networks. <i>Scientific Reports</i> , 2022, 12, 282.	1.6	12
31	The evolution model of electricity market on the stable development in China and its dynamic analysis. <i>Energy</i> , 2016, 114, 344-359.	4.5	11
32	Analysis of the Dynamic Evolutionary Behavior of American Heating Oil Spot and Futures Price Fluctuation Networks. <i>Sustainability</i> , 2017, 9, 574.	1.6	11
33	Spatial-temporal characteristics of green travel behavior based on vector perspective. <i>Journal of Cleaner Production</i> , 2019, 234, 549-558.	4.6	11
34	Degree distributions and motif profiles of limited penetrable horizontal visibility graphs. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 620-634.	1.2	10
35	Research on the development efficiency of regional high-end talent in China: A complex network approach. <i>PLoS ONE</i> , 2017, 12, e0188816.	1.1	8
36	Percolation behaviors of a network of networks under intentional attack with limited information. <i>Chaos, Solitons and Fractals</i> , 2022, 159, 112147.	2.5	8

#	ARTICLE	IF	CITATIONS
37	Percolation on coupled networks with multiple effective dependency links. <i>Chaos</i> , 2021, 31, 033152.	1.0	7
38	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.	0.6	7
39	Health-education-disaster green low-carbon endogenous economic growth model and its new accompanying effects. <i>Journal of Cleaner Production</i> , 2022, 359, 131923.	4.6	6
40	Phase transition behavior of finite clusters under localized attack. <i>Chaos</i> , 2022, 32, 023105.	1.0	5
41	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.	4.6	5
42	Research on the forward-looking behavior judgment of heating oil price evolution based on complex networks. <i>PLoS ONE</i> , 2018, 13, e0202209.	1.1	4
43	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.	1.1	4
44	Non-consensus opinion model with a neutral view on complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 450, 601-608.	1.2	3
45	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.	1.0	3
46	A Briefing Survey on Advances of Coupled Networks With Various Patterns. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	3
47	Dynamical Recovery of Complex Networks under a Localised Attack. <i>Algorithms</i> , 2021, 14, 274.	1.2	2
48	A Study on Drivers of Water Consumption in China From a Complex Network Perspective. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	2
49	A Two-Stage Location and Allocation Framework of Dockless Bike-Sharing System. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2023, 15, 181-192.	2.6	2
50	Network resilience of non-hub nodes failure under memory and non-memory based attacks with limited information. <i>Chaos</i> , 2022, 32, .	1.0	2
51	Natural Gas Scarcity Risk for Countries along the Belt and Road. <i>Energies</i> , 2022, 15, 1053.	1.6	1
52	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.	1.3	0
53	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.	1.6	0
54	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	0