

Systemic risk in banking ecosystems

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Social science perspectives on natural hazards risk and uncertainty. , 2013, , 502-547.		7
2	RISK MANAGEMENT CONTEXT FOR FINANCIAL DATA. , 0, , 3-7.		1
3	Frameworks for systemic risk monitoring. , 0, , 105-147.		3
4	Contagion, Liberalization, and the Optimal Structure of Globalization. Journal of Globalization and Development, 2010, 1, .	0.1	44
5	Strong contributors to network persistence are the most vulnerable to extinction. Nature, 2011, 478, 233-235.	13.7	277
6	Interaction-based HPC modeling of social, biological, and economic contagions over large networks. , 2011, , .		4
7	POPULATION DYNAMICS ON COMPLEX FOOD WEBS. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 635-647.	0.9	2
8	High-Accuracy Approximation of Binary-State Dynamics on Networks. Physical Review Letters, 2011, 107, 068701.	2.9	176
9	Unnatural Selection: A new formal approach to punctuated equilibrium in economic systems. Nature Precedings, 2011, , .	0.1	0
10	Hunter-gatherers in a howling wilderness: Neoliberal capitalism as a language that speaks itself. Nature Precedings, 2011, , .	0.1	0
11	Hunter-Gatherers in a Howling Wilderness: Farming economic systems for human needs. Nature Precedings, 2011, , .	0.1	0
12	Diversification and Financial Stability. SSRN Electronic Journal, 0, , .	0.4	13
14	Heterogeneity, Correlations and Financial Contagion. SSRN Electronic Journal, 0, , .	0.4	13
16	Learning from pondlife and fishermen: towards a modular financial services industry. Journal of Financial Regulation and Compliance, 2011, 19, 312-322.	0.7	3
17	INTRODUCING ANDREW HALDANE. Journal of Cultural Economy, 2011, 4, 365-369.	0.8	6
18	HALDANE'S GAMBIT. Journal of Cultural Economy, 2011, 4, 387-404.	0.8	13
19	THE FUTURE OF MACROECONOMICS: INTRODUCTORY REMARKS. Manchester School, 2011, 79, 1-4.	0.4	7
20	BEYOND THE DSGE STRAITJACKET¹. Manchester School, 2011, 79, 5-16.	0.4	15

#	ARTICLE	IF	CITATIONS
21	MACROECONOMIC MODELS: BETTER HORSES FOR TOUGHER COURSES. Manchester School, 2011, 79, 17-20.	0.4	2
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23	ECONOMICS AS IF BANKS MATTERED: A CONTRIBUTION BASED ON THE INDUCTIVE METHODOLOGY. Manchester School, 2011, 79, 25-35.	0.4	16
24	THE FUTURE OF MACROECONOMICS: GENERAL DISCUSSION. Manchester School, 2011, 79, 36-38.	0.4	0
25	Ecology and economics. Nature, 2011, 469, 302-303.	13.7	55
26	Seeing into the future. Nature, 2011, 469, 303-304.	13.7	17
27	Complexity clouds finance-risk models. Nature, 2011, 471, 166-166.	13.7	17
28	Complexity, concentration and contagion. Journal of Monetary Economics, 2011, 58, 453-470.	1.8	639
29	FuturICT: FET Flagship Pilot Project. Procedia Computer Science, 2011, 7, 34-38.	1.2	7
30	SOURCES OF FINANCIAL SOCIABILITY. Journal of Cultural Economy, 2011, 4, 405-421.	0.8	12
31	COMPLEXITY THEORY AFTER THE FINANCIAL CRISIS. Journal of Cultural Economy, 2011, 4, 371-385.	0.8	72
32	Individual versus systemic risk and the Regulator's Dilemma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12647-12652.	3.3	125
33	Optimal dimensionality reduction of complex dynamics: The chess game as diffusion on a free-energy landscape. Physical Review E, 2011, 84, 011135.	0.8	13
34	Network formation in the presence of contagious risk. , 2011, , .		55
35	Natural and human economies compared. Ecosphere, 2011, 2, art39.	1.0	19
36	Heat Shock Partially Dissociates the Overlapping Modules of the Yeast Protein-Protein Interaction Network: A Systems Level Model of Adaptation. PLoS Computational Biology, 2011, 7, e1002187.	1.5	52
37	Disease Ecology, Biodiversity, and the Latitudinal Gradient in Income. PLoS Biology, 2012, 10, e1001456.	2.6	87
38	Financial Market and Systemic Risks. , 2012, , 3-6.		0

#	ARTICLE	IF	CITATIONS
39	DebtRank: Too Central to Fail? Financial Networks, the FED and Systemic Risk. Scientific Reports, 2012, 2, 541.	1.6	582
40	Systemic risks/benefits of selfish network operations & management in dynamic environment. , 2012, , .		0
41	Size and complexity in model financial systems. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18338-18343.	3.3	104
42	HETEROGENEITY, CORRELATIONS AND FINANCIAL CONTAGION. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 15, 1250058.	0.9	84
43	Tipping points among social learners: Tools from varied disciplines. Environmental Epigenetics, 2012, 58, 298-306.	0.9	3
44	What are banks and bank regulation for? A consideration of the foundations for reform. European Journal of Economics and Economic Policies: Intervention, 2012, 9, 39-56.	0.2	2
45	Managing transaction risks in interdependent supply chains: an extended transaction cost economics perspective. Journal on Chain and Network Science, 2012, 12, 243-260.	1.6	11
46	Structural Regulation as Antidote to Complexity Capture. American Business Law Journal, 2012, 49, 643-738.	0.3	22
47	The Arc of Neoliberalism. Annual Review of Sociology, 2012, 38, 317-340.	3.1	207
48	Individual and Collective Rationality in Complex Economic Systems. , 2012, , .		4
49	Mitigating systemic risks in future networks. , 2012, , .		2
50	Innovation Design. , 2012, , .		86
51	Suppressing cascades of load in interdependent networks. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E680-9.	3.3	450
52	A method for detection of abrupt changes in the financial market combining wavelet decomposition and correlation graphs. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 4877-4882.	1.2	10
53	Fundamental difference of subpicosecond laser interaction compared to longer pulses for ultrahigh acceleration. , 2012, , .		0
54	Anticipating Critical Transitions. Science, 2012, 338, 344-348.	6.0	1,607
55	Derivatives and credit contagion in interconnected networks. European Physical Journal B, 2012, 85, 1.	0.6	28
56	The dynamics of financial stability in complex networks. European Physical Journal B, 2012, 85, 1.	0.6	15

#	ARTICLE	IF	CITATIONS
57	A complex systems approach to constructing better models for managing financial markets and the economy. <i>European Physical Journal: Special Topics</i> , 2012, 214, 295-324.	1.2	101
58	An economic and financial exploratory. <i>European Physical Journal: Special Topics</i> , 2012, 214, 361-400.	1.2	18
59	Catastrophe and the life span of coral reefs. <i>Ecology</i> , 2012, 93, 303-313.	1.5	18
60	Can Banks Self-Regulate? Voluntary Agreements, Intrinsic Motivation and Games. <i>Economic Affairs</i> , 2012, 32, 58-64.	0.2	1
61	Mathematical Modeling of Systemic Risk. <i>Mathematics in Industry</i> , 2012, , 3-26.	0.1	14
62	Towards understanding the robustness of energy distribution networks based on macroscopic and microscopic evaluations. <i>Energy Policy</i> , 2012, 49, 318-327.	4.2	2
63	Bank relationships, business cycles, and financial crises. <i>Journal of International Economics</i> , 2012, 88, 312-325.	1.4	105
64	Discovery Science. <i>Lecture Notes in Computer Science</i> , 2012, , .	1.0	1
66	Web Search Queries Can Predict Stock Market Volumes. <i>PLoS ONE</i> , 2012, 7, e40014.	1.1	170
67	Basel III and Risk Management in Banking. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
68	Post-Mortem Examination of the International Financial Network. <i>SSRN Electronic Journal</i> , 2012, , .	0.4	15
69	A Soft Bail-Out Concept to Reduce Contagion in Financial Systems. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
70	Measuring the Impact of Prudential Policy on the Macroeconomy: A Practical Application to Basel III and Other Responses to the Financial Crisis. <i>SSRN Electronic Journal</i> , 2012, , .	0.4	2
72	Can Artificial Economies Help us Understand Real Economies?. <i>Revue De L'OFCE</i> , 2012, N° 124, 15-41.	0.1	10
73	Prosperity is associated with instability in dynamical networks. <i>Journal of Theoretical Biology</i> , 2012, 299, 126-138.	0.8	49
74	Loan and nonloan flows in the Australian interbank network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 2867-2882.	1.2	13
75	Ecology and eScience. <i>Ecological Processes</i> , 2012, 1, .	1.6	7
77	Don't blame the economists. It is an inverse problem!. <i>European Journal of Futures Research</i> , 2013, 1, .	1.5	2

#	ARTICLE	IF	CITATIONS
79	Estimating the tolerance of species to the effects of global environmental change. <i>Nature Communications</i> , 2013, 4, 2350.	5.8	49
81	The Palgrave Handbook of EU-Asia Relations. , 2013, , .		11
82	When bigger isn't better: bailouts and bank reform. <i>Oxford Economic Papers</i> , 2013, 65, i7-i41.	0.7	3
83	Optimal portfolio for a robust financial system. , 2013, , .		4
84	John Snow's legacy: epidemiology without borders. <i>Lancet, The</i> , 2013, 381, 1302-1311.	6.3	34
85	The past and the future of business marketing theory. <i>Industrial Marketing Management</i> , 2013, 42, 394-404.	3.7	54
86	Remodeling of risk management in banking: evidence from the sub-continent and gulf. <i>Journal of Risk Finance</i> , 2013, 14, 468-489.	3.6	14
87	Economies of contagion: financial crisis and pandemic. <i>Economy and Society</i> , 2013, 42, 226-248.	1.3	104
88	Reflexivity, complexity, and the nature of social science. <i>Journal of Economic Methodology</i> , 2013, 20, 330-342.	0.6	29
90	Measuring the default risk of sovereign debt from the perspective of network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 2235-2239.	1.2	6
91	The New Political Economy of the Macroprudential Ideational Shift. <i>New Political Economy</i> , 2013, 18, 112-139.	2.7	246
92	The Narrative of Complexity in the Crisis of Finance: Epistemological Challenge and Macroprudential Policy Response. <i>New Political Economy</i> , 2013, 18, 459-479.	2.7	26
93	Community-based identification of banking networks. , 2013, , .		0
94	A new formal approach to evolutionary processes in socioeconomic systems. <i>Journal of Evolutionary Economics</i> , 2013, 23, 1-15.	0.8	22
95	Epidemiologyâ€™a science for the people. <i>Lancet, The</i> , 2013, 381, 1249-1252.	6.3	22
96	A network model of financial system resilience. <i>Journal of Economic Behavior and Organization</i> , 2013, 85, 219-235.	1.0	84
97	Merger wave in a small world: Two views. <i>Journal of Socio-Economics</i> , 2013, 43, 68-71.	1.0	2
98	Transient fluctuation of the prosperity of firms in a network economy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 3351-3359.	1.2	2

#	ARTICLE	IF	CITATIONS
99	Default of Systemically Important Financial Intermediaries: Short-term Stability versus Incentive Compatibility?. German Economic Review, 2013, 14, 15-30.	0.5	4
100	Post-mortem examination of the international financial network. Journal of Economic Dynamics and Control, 2013, 37, 1692-1713.	0.9	99
101	Contagion and risk-sharing on the inter-bank market. Journal of Economic Dynamics and Control, 2013, 37, 1384-1400.	0.9	120
102	Globally networked risks and how to respond. Nature, 2013, 497, 51-59.	13.7	862
103	Editorial introduction: "new facets of the economic complexity in modern financial markets". European Journal of Finance, 2013, 19, 337-343.	1.7	2
105	Complex derivatives. Nature Physics, 2013, 9, 123-125.	6.5	39
106	Reconstructing a credit network. Nature Physics, 2013, 9, 125-126.	6.5	69
107	Leveraged network-based financial accelerator. Journal of Economic Dynamics and Control, 2013, 37, 1626-1640.	0.9	103
108	Statistical Mechanics of Modularity and Horizontal Gene Transfer. Annual Review of Condensed Matter Physics, 2013, 4, 287-311.	5.2	33
109	Realistic control of network dynamics. Nature Communications, 2013, 4, 1942.	5.8	304
110	Entangled economy: An ecosystems approach to modeling systemic level dynamics. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 773-784.	1.2	7
111	Ecological analysis of world trade. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 250-256.	0.9	17
112	The bounds of heavy-tailed return distributions in evolving complex networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 189-194.	0.9	10
113	Quantifying Trading Behavior in Financial Markets Using Google Trends. Scientific Reports, 2013, 3, 1684.	1.6	644
114	Large Deviations for a Mean Field Model of Systemic Risk. SIAM Journal on Financial Mathematics, 2013, 4, 151-184.	0.7	69
115	Cascading Failures in Bi-partite Graphs: Model for Systemic Risk Propagation. Scientific Reports, 2013, 3, 1219.	1.6	155
116	Global governance in crisis? Fragmentation, risk and world order. International Politics, 2013, 50, 309-332.	1.3	26
117	The Potential of Econophysics for the Study of Economic Processes. , 2013, , 91-113.		2

#	ARTICLE	IF	CITATIONS
118	Risk Contagion in Chinese Banking Industry: A Transfer Entropy-Based Analysis. <i>Entropy</i> , 2013, 15, 5549-5564.	1.1	34
119	Aligning Key Concepts for Global Change Policy: Robustness, Resilience, and Sustainability. <i>Ecology and Society</i> , 2013, 18, .	1.0	284
120	Foraging under conditions of short-term exploitative competition: the case of stock traders. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122901.	1.2	11
121	Finance versus democracy? Theorizing finance in society. <i>Work, Employment and Society</i> , 2013, 27, 489-507.	1.9	32
122	A Creepy World. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
123	Cascading effects in the moving Preisach model. , 2013, , .		0
124	Structure and dynamics of core/periphery networks. <i>Journal of Complex Networks</i> , 2013, 1, 93-123.	1.1	296
125	The gradual transformation? The incremental dynamics of macroprudential regulation. <i>Regulation and Governance</i> , 2013, 7, 417-434.	1.9	62
126	Mapping financial literacy: cognition and the environment. <i>Geografiska Annaler, Series B: Human Geography</i> , 2013, 95, 131-145.	0.8	15
127	Ecosystems perspective on financial networks: Diagnostic tools. <i>Complexity</i> , 2013, 19, 22-36.	0.9	8
128	Large deviations of cascade processes on graphs. <i>Physical Review E</i> , 2013, 87, 062115.	0.8	37
129	Networks and webs in ecosystems and financial systems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120376.	1.6	24
131	Network Formation in the Presence of Contagious Risk. <i>ACM Transactions on Economics and Computation</i> , 2013, 1, 1-20.	0.7	87
132	Economic Networks In and Out of Equilibrium. , 2013, , .		2
133	Optimizing spread dynamics on graphs by message passing. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P09011.	0.9	65
135	Global Multi-Level Analysis of the "Scientific Food Web". <i>Scientific Reports</i> , 2013, 3, 1167.	1.6	48
136	DebtRank-transparency: Controlling systemic risk in financial networks. <i>Scientific Reports</i> , 2013, 3, 1888.	1.6	86
137	Economics 2.0: The Natural Step towards a Self-Regulating, Participatory Market Society. <i>Evolutionary and Institutional Economics Review</i> , 2013, 10, 3-41.	0.3	44

#	ARTICLE	IF	CITATIONS
138	Can Google Trends search queries contribute to risk diversification?. Scientific Reports, 2013, 3, 2713.	1.6	103
139	Early-warning signals of topological collapse in interbank networks. Scientific Reports, 2013, 3, 3357.	1.6	125
140	Evolution of Controllability in Interbank Networks. Scientific Reports, 2013, 3, 1626.	1.6	68
141	Information dissipation as an early-warning signal for the Lehman Brothers collapse in financial time series. Scientific Reports, 2013, 3, 1898.	1.6	54
143	Reciprocity as the Foundation of Financial Economics. SSRN Electronic Journal, 0, , .	0.4	2
144	Contagion in the Interbank Network: An Epidemiological Approach. SSRN Electronic Journal, 0, , .	0.4	29
145	Good Governance Problems and Recent Financial Crises in Some EU Countries. Economics, 2013, 7, .	0.2	2
146	Bank Linkages and International Trade. SSRN Electronic Journal, 0, , .	0.4	4
147	Integrating Finance into Global Production Networks. SSRN Electronic Journal, 2013, , .	0.4	6
148	Transcending Home Bias: Institutional Innovation through Cooperation and Collaboration in the Context of Financial Instability. SSRN Electronic Journal, 0, , .	0.4	8
150	The Increased Risk of Joint Venture Promotes Social Cooperation. PLoS ONE, 2013, 8, e63801.	1.1	12
151	Towards a Proper Assignment of Systemic Risk: The Combined Roles of Network Topology and Shock Characteristics. PLoS ONE, 2013, 8, e77526.	1.1	22
152	How Likely Is Contagion in Financial Networks?. SSRN Electronic Journal, 0, , .	0.4	25
153	An Equilibrium Model of Interbank Networks Based on Variational Inequalities. Advances in Mathematical Physics, 2013, 2013, 1-5.	0.4	0
155	Some Perspectives on Linked Ecosystems and Socio-Economic Systems. SSRN Electronic Journal, 0, , .	0.4	2
156	Cascades and Shocks that Shape Astrophysics. , 0, , 256-289.		0
157	Diversification versus Specialization in Complex Ecosystems. PLoS ONE, 2014, 9, e112525.	1.1	15
158	Separating Macroecological Pattern and Process: Comparing Ecological, Economic, and Geological Systems. PLoS ONE, 2014, 9, e112850.	1.1	9

#	ARTICLE	IF	CITATIONS
159	Systemic Risk in Banking after the Great Financial Crisis. , 2014, , .		2
160	Identifying Central Bank Liquidity Super-Spreaders in Interbank Funds Networks. SSRN Electronic Journal, 0, , .	0.4	8
161	Human-Mobility Networks, Country Income, and Labor Productivity. SSRN Electronic Journal, 0, , .	0.4	0
162	Talent, Company Size, and Financial Centres: London and the European Investment Management Industry. SSRN Electronic Journal, 2014, , .	0.4	1
163	Social tipping points and Earth systems dynamics. Frontiers in Environmental Science, 2014, 2, .	1.5	62
164	Ecological Econophysics for Degrowth. Sustainability, 2014, 6, 3431-3483.	1.6	11
165	Whose risk counts?. , 0, , 207-221.		0
166	Sustainability, financial markets and systemic risk. , 0, , 222-238.		2
167	Do Equity Mispricing and Management Compensation Incentives Drive Bank Mergers?. SSRN Electronic Journal, 0, , .	0.4	0
168	Modeling Financial Systemic Risk – The Network Effect and the Market Liquidity Effect. SSRN Electronic Journal, 0, , .	0.4	3
169	Assessing Systemic Risk Based on Interbank Exposures in the Japanese Banking System. SSRN Electronic Journal, 0, , .	0.4	3
170	Interdependencies and Causalities in Coupled Financial Networks. SSRN Electronic Journal, 2014, , .	0.4	5
171	Interaction-Based Model for Pricing CDS with Counterparty Risk. SSRN Electronic Journal, 2014, , .	0.4	0
172	Financial Sector in Germany and the UK in the Wake of the Crisis: Size, Structure and Spatial Concentration. SSRN Electronic Journal, 2014, , .	0.4	1
173	Optimal Monitoring and Mitigation of Systemic Risk in Financial Networks. SSRN Electronic Journal, 2014, , .	0.4	1
174	On global stability of financial networks. Journal of Complex Networks, 2014, 2, 313-354.	1.1	9
175	Approximate Bayesian inference for complex ecosystems. F1000prime Reports, 2014, 6, 60.	5.9	11
178	Distinctions, affiliations, and professional knowledge in financial reform expert groups. Journal of European Public Policy, 2014, 21, 389-407.	2.4	88

#	ARTICLE	IF	CITATIONS
179	Optimal surveillance network design: a value of information model. <i>Complex Adaptive Systems Modeling</i> , 2014, 2, .	1.6	8
180	Paul Ormerod (2012) <i>Positive Linking: How Networks Can Revolutionise the World</i> . London: Faber & Faber. 320pp., Â£12.99., pbk.. <i>Journal of Social Policy</i> , 2014, 43, 221-223.	0.8	1
181	Information, knowledge, and investing in offshore financial markets. <i>Journal of Sustainable Finance and Investment</i> , 2014, 4, 299-320.	4.1	14
182	Network of Interdependent Networks: Overview of Theory and Applications. <i>Understanding Complex Systems</i> , 2014, , 3-36.	0.3	33
183	Modeling Interdependent Networks as Random Graphs: Connectivity and Systemic Risk. <i>Understanding Complex Systems</i> , 2014, , 73-94.	0.3	7
184	Measure the Evolution of Interbank Network Structure: Panel Data Analysis to Shibor Network. , 2014, , .		0
185	Intercorporate default contagion from industry failures: Stress testing on creditee linkage networks of China. <i>Journal of Financial Engineering</i> , 2014, 01, 1450019.	0.5	3
186	Message-passing approach for threshold models of behavior in networks. <i>Physical Review E</i> , 2014, 89, 022805.	0.8	37
187	Propagation of economic shocks in input-output networks: A cross-country analysis. <i>Physical Review E</i> , 2014, 90, 062812.	0.8	79
188	Density-based and transport-based core-periphery structures in networks. <i>Physical Review E</i> , 2014, 89, 032810.	0.8	43
189	Rethinking financial stability: Challenges arising from financial networksâ€™ modular scale-free architecture. <i>Journal of Financial Stability</i> , 2014, 15, 241-256.	2.6	52
190	The sudden collapse of pollinator communities. <i>Ecology Letters</i> , 2014, 17, 350-359.	3.0	213
191	Canada's Housing Bubble Story: Mortgage Securitization, the State, and the Global Financial Crisis. <i>International Journal of Urban and Regional Research</i> , 2014, 38, 256-284.	1.2	56
192	Innovations, Fragility and Complexity: Understanding the Power of Finance. <i>Government and Opposition</i> , 2014, 49, 542-568.	1.7	15
193	In the aftermath of the financial crisis: risk governance and the emergence of pre-emptive surveillance. <i>Review of International Studies</i> , 2014, 40, 227-246.	1.1	1
194	The dynamics of mergers and acquisitions: ancestry as the seminal determinant. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2014, 470, 20140370.	1.0	4
195	The Institutional Roots of Macroprudential Ideas: Veblen and Galbraith on Regulation, Policy Success and Overconfidence. <i>New Political Economy</i> , 2014, 19, 487-506.	2.7	17
196	An ecological/evolutionary perspective on high-frequency trading. <i>Journal of Sustainable Finance and Investment</i> , 2014, 4, 161-175.	4.1	3

#	ARTICLE	IF	CITATIONS
197	Systemic Harms and Shareholder Value. <i>Journal of Legal Analysis</i> , 2014, 6, 35-85.	1.7	36
198	On the inapproximability of minimizing cascading failures under the deterministic threshold model. <i>Information Processing Letters</i> , 2014, 114, 1-4.	0.4	1
199	Structure in the Italian overnight loan market. <i>Journal of International Money and Finance</i> , 2014, 41, 197-213.	1.3	10
200	Artificial Economics and Self Organization. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2014, , .	0.3	5
201	Critical slowing down associated with regime shifts in the US housing market. <i>European Physical Journal B</i> , 2014, 87, 1.	0.6	21
202	Topological properties of robust biological and computational networks. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140283.	1.5	26
203	Networks of Networks: The Last Frontier of Complexity. <i>Understanding Complex Systems</i> , 2014, , .	0.3	134
204	A mesoscopic approach to modeling and simulation of systemic risks. , 2014, , .		3
205	Systemic risk in banking networks: Advantages of "co-tiered" banking systems. <i>Journal of Economic Dynamics and Control</i> , 2014, 47, 186-210.	0.9	29
206	A survivability-centered research agenda for cloud computing supported emergency response and management systems. , 2014, , .		2
207	Aftervirt ¹ andfortuna: Foucault on the government of economic events. <i>Distinktion</i> , 2014, 15, 88-104.	0.8	5
208	Impact of credit default swaps on financial contagion. , 2014, , .		0
209	Quantifying the semantics of search behavior before stock market moves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11600-11605.	3.3	144
210	Contagion: epidemiological models and financial crises. <i>Journal of Public Health</i> , 2014, 36, 13-17.	1.0	34
211	Enhancing resilience of interdependent networks by healing. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 416, 481-487.	1.2	39
213	Analytical solution for a class of network dynamics with mechanical and financial applications. <i>Physical Review E</i> , 2014, 90, 032822.	0.8	14
214	Viewing forests through the lens of complex systems science. <i>Ecosphere</i> , 2014, 5, 1-23.	1.0	182
215	How structurally stable are global socioeconomic systems?. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140693.	1.5	34

#	ARTICLE	IF	CITATIONS
217	Stock network stability in times of crisis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 393, 376-381.	1.2	80
218	Fast and frugal crisis management: An analysis of rule-based judgment and choice during water contamination events. <i>Journal of Business Research</i> , 2014, 67, 1717-1724.	5.8	15
219	Computing systemic risk using multiple behavioral and keystone networks: The emergence of a crisis in primate societies and banks. <i>International Journal of Forecasting</i> , 2014, 30, 797-806.	3.9	14
220	Integrating Finance into Global Production Networks. <i>Regional Studies</i> , 2014, 48, 761-777.	2.5	178
221	Stability analysis of financial contagion due to overlapping portfolios. <i>Journal of Banking and Finance</i> , 2014, 46, 233-245.	1.4	302
224	Financialcapitalism. , 2014, , 230-263.		1
225	Hayek, the limits of knowledge and regulating the global financial system. <i>Griffith Law Review</i> , 2015, 24, 266-287.	0.6	2
226	Good social cybernetics is a must in policy processes. <i>Kybernetes</i> , 2015, 44, 874-890.	1.2	12
227	Message-passing approach for recurrent-state epidemic models on networks. <i>Physical Review E</i> , 2015, 92, 022821.	0.8	55
228	Control of coupled oscillator networks with application to microgrid technologies. <i>Science Advances</i> , 2015, 1, e1500339.	4.7	82
229	Stationarity, non-stationarity and early warning signals in economic networks. <i>Journal of Complex Networks</i> , 2015, 3, 1-21.	1.1	15
231	Financial indicators and the global financial crash. , 2015, , 220-253.		19
232	Alternative Banking and Theory. <i>Accounting, Economics and Law: A Convivium</i> , 2015, 5, 105-171.	0.6	22
233	Contagion in an interacting economy. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P03008.	0.9	7
234	Bad banks choking good banks: simulating balance sheet contagion. <i>European Journal of Economics and Economic Policies: Intervention</i> , 2015, 12, 51-72.	0.2	0
235	Cascades on a stochastic pulse-coupled network. <i>Scientific Reports</i> , 2014, 4, 6355.	1.6	4
236	Failure dynamics of the global risk network. <i>Scientific Reports</i> , 2015, 5, 10998.	1.6	17
237	Risk-Based Sampling: I Don't Want to Weight in Vain. <i>Risk Analysis</i> , 2015, 35, 2172-2182.	1.5	3

#	ARTICLE	IF	CITATIONS
239	The Regulation of Financial Derivatives: An Agent-Based Model Approach.. SSRN Electronic Journal, 2015, , .	0.4	0
240	Contagion in Financial Networks. SSRN Electronic Journal, 0, , .	0.4	17
241	The Automation of Society is Next: How to Survive the Digital Revolution. SSRN Electronic Journal, 0, , .	0.4	31
242	Assessing Systemic Risk Using Interbank Exposures in the Global Banking System. SSRN Electronic Journal, 0, , .	0.4	2
243	The Intrafirm Complexity of Systemically Important Financial Institutions. SSRN Electronic Journal, 2015, , .	0.4	5
244	The Price of Complexity in Financial Networks. SSRN Electronic Journal, 0, , .	0.4	7
245	La mesure du risque systématique aprs la crise financière. Revue Economique, 2015, Vol. 66, 481-500.	0.1	6
246	Twenty Challenges for Innovation Studies. SSRN Electronic Journal, 0, , .	0.4	6
247	Synchronous failure: the emerging causal architecture of global crisis. Ecology and Society, 2015, 20, .	1.0	144
248	The Network Structure and Systemic Risk in the Global Non-Life Insurance Market. SSRN Electronic Journal, 2015, , .	0.4	2
249	The Case of Chinese Companies that Were Listed in US Stock Exchanges. SSRN Electronic Journal, 2015, , .	0.4	0
250	Asset Management and Systemic Risk. SSRN Electronic Journal, 0, , .	0.4	7
251	10 Years Later. Advances in Ecological Research, 2015, 53, 1-53.	1.4	43
252	Systemic Risk in the European Union: A Network Approach to Banks' Sovereign Debt Exposures. International Journal of Financial Studies, 2015, 3, 244-279.	1.1	5
253	Modeling the Origin and Possible Control of the Wealth Inequality Surge. PLoS ONE, 2015, 10, e0130181.	1.1	10
254	The Effects of Twitter Sentiment on Stock Price Returns. PLoS ONE, 2015, 10, e0138441.	1.1	241
255	Dynamical Macroprudential Stress Testing Using Network Theory. SSRN Electronic Journal, 2015, , .	0.4	3
256	Too Interconnected to Fail: A Survey of the Interbank Networks Literature. SSRN Electronic Journal, 0, , .	0.4	15

#	ARTICLE	IF	CITATIONS
258	Economics for a creative world: a response to comments. <i>Journal of Institutional Economics</i> , 2015, 11, 61-68.	1.3	1
259	Reciprocity as a Foundation of Financial Economics. <i>Journal of Business Ethics</i> , 2015, 131, 43-67.	3.7	22
260	Regularity underlies erratic population abundances in marine ecosystems. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150235.	1.5	9
261	Shareholding Relationships and Financial Crisis: A Network Analysis. <i>International Symposia in Economic Theory and Econometrics</i> , 2015, , 497-516.	0.2	0
262	Detection of social group instability among captive rhesus macaques using joint network modeling. <i>Environmental Epigenetics</i> , 2015, 61, 70-84.	0.9	46
263	Connected we stand: A network perspective on trade and global food security. <i>Food Policy</i> , 2015, 57, 114-127.	2.8	71
264	Managing variance: Key policy challenges for the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14402-14403.	3.3	30
265	BANKING NETWORKS AND LEVERAGE DEPENDENCE IN EMERGING COUNTRIES. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2015, 18, 1550022.	0.9	1
266	Using Multiplex Networks for Banking Systems Dynamics Modelling. <i>Procedia Computer Science</i> , 2015, 66, 257-266.	1.2	8
267	A new approach to financial regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12543-12544.	3.3	20
268	The British and the German financial sectors in the wake of the crisis: size, structure and spatial concentration. <i>Journal of Economic Geography</i> , 2015, 15, 1033-1054.	1.6	42
269	Early Signs of Financial Market Moves Reflected by Google Searches. , 2015, , 85-97.		3
270	Systemic trade risk of critical resources. <i>Science Advances</i> , 2015, 1, e1500522.	4.7	30
271	Do equity mispricing and management compensation incentives drive bank mergers?. <i>Review of Behavioral Finance</i> , 2015, 7, 2-41.	1.2	1
272	Complexity in history: modelling the organisational demography of the British banking sector. <i>Business History</i> , 2015, 57, 182-202.	0.6	13
273	Complexity and Geographical Economics. <i>Dynamic Modeling and Econometrics in Economics and Finance</i> , 2015, , .	0.4	4
274	Quasispecies theory for evolution of modularity. <i>Physical Review E</i> , 2015, 91, 012714.	0.8	5
275	Credit Default Swaps networks and systemic risk. <i>Scientific Reports</i> , 2014, 4, 6822.	1.6	37

#	ARTICLE	IF	CITATIONS
276	On the distribution of links in the interbank network: evidence from the e-MID overnight money market. <i>Empirical Economics</i> , 2015, 49, 1463-1495.	1.5	36
277	Economics as energy framework: Complexity, turbulence, financial crises, and protectionism. <i>Review of Financial Economics</i> , 2015, 25, 10-18.	0.6	4
279	Introduction: the Euro crisis and the future of Europe. <i>Journal of Economic Geography</i> , 2015, 15, 843-853.	1.6	14
280	Shareholding relationships in the Euro Area banking market: A network perspective. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 434, 1-12.	1.2	12
281	Epidemics in markets with trade friction and imperfect transactions. <i>Journal of Theoretical Biology</i> , 2015, 374, 165-178.	0.8	7
282	Relation between stability and resilience determines the performance of early warning signals under different environmental drivers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10056-10061.	3.3	60
283	Influence of the External Environment Behaviour on the Banking System Stability. <i>Procedia Computer Science</i> , 2015, 51, 1603-1612.	1.2	3
284	Dynamical macroprudential stress testing using network theory. <i>Journal of Banking and Finance</i> , 2015, 59, 164-181.	1.4	67
285	Varieties of Economic Crisis, Varieties of Ideational Change: How and Why Financial Regulation and Macroeconomic Policy Differ. <i>New Political Economy</i> , 2015, 20, 342-366.	2.7	65
286	The effects of node exclusion on the centrality measures in graph models of interacting economic agents. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 430, 216-223.	1.2	3
287	MassExodus: modeling evolving networks in harsh environments. <i>Data Mining and Knowledge Discovery</i> , 2015, 29, 1211-1232.	2.4	3
288	Network science: a useful tool in economics and finance. <i>Mind and Society</i> , 2015, 14, 155-167.	0.9	46
289	Structural Equation Models. <i>Studies in Systems, Decision and Control</i> , 2015, , .	0.8	59
290	Partial correlation analysis: applications for financial markets. <i>Quantitative Finance</i> , 2015, 15, 569-578.	0.9	123
291	Ghoshal's Ghost: Financialization and the End of Management Theory. <i>Philosophy of Management</i> , 2015, 14, 29-45.	0.7	8
292	From Paths to Networks: The Evolving Science of Networks. <i>Studies in Systems, Decision and Control</i> , 2015, , 161-172.	0.8	3
293	Adaptive rewiring aggravates the effects of species loss in ecosystems. <i>Nature Communications</i> , 2015, 6, 8412.	5.8	61
294	The network structure and systemic risk in the Japanese interbank market. <i>Japan and the World Economy</i> , 2015, 36, 102-112.	0.4	20

#	ARTICLE	IF	CITATIONS
295	How similar can co-occurring species be in the presence of competition and ecological drift?. Journal of the Royal Society Interface, 2015, 12, 20150604.	1.5	27
296	How Macroprudential Financial Regulation Can save Neoliberalism. British Journal of Politics and International Relations, 2015, 17, 351-370.	1.8	12
297	Masters of the Universe but Slaves of the Market: Bankers and the Great Financial Meltdown. British Journal of Politics and International Relations, 2015, 17, 1-22.	1.8	15
298	Identifying causal gateways and mediators in complex spatio-temporal systems. Nature Communications, 2015, 6, 8502.	5.8	207
299	Assessing systemic risk using interbank exposures in the global banking system. Journal of Financial Stability, 2015, 20, 105-130.	2.6	63
300	Cascading Failures in Interdependent Economic Networks. Springer Proceedings in Complexity, 2015, , 87-97.	0.2	7
301	Conditional random matrix ensembles and the stability of dynamical systems. New Journal of Physics, 2015, 17, 083025.	1.2	14
302	The geography of the European Central Bank: form, functions and legitimacy. Journal of Economic Geography, 2015, 15, 855-881.	1.6	9
303	The multi-layer network nature of systemic risk and its implications for the costs of financial crises. Journal of Financial Stability, 2015, 20, 70-81.	2.6	204
304	Design of optimal ecosystem monitoring networks: hotspot detection and biodiversity patterns. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1085-1101.	1.9	14
305	Fundamental ecology is fundamental. Trends in Ecology and Evolution, 2015, 30, 9-16.	4.2	61
306	How likely is contagion in financial networks?. Journal of Banking and Finance, 2015, 50, 383-399.	1.4	508
307	Coreâ€“Periphery Structure in the Overnight Money Market: Evidence from the e-MID Trading Platform. Computational Economics, 2015, 45, 359-395.	1.5	219
308	Boolean network representation of contagion dynamics during a financial crisis. Physica A: Statistical Mechanics and Its Applications, 2015, 417, 1-6.	1.2	8
309	Evolutionary Foundations of Economic Science. Evolutionary Economics and Social Complexity Science, 2015, , .	0.4	7
310	Vulnerability of complex networks under path-based attacks. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 622-629.	1.2	30
311	Interbank Exposure Networks. Computational Economics, 2016, 47, 3-17.	1.5	21
312	Cascades in Real Interbank Markets. Computational Economics, 2016, 47, 49-66.	1.5	17

#	ARTICLE	IF	CITATIONS
313	The Purpose of Interbank Markets. SSRN Electronic Journal, 2016, , .	0.4	0
314	Post-Crisis Areas of Research in Finance and Banking. International Journal of Economics & Management Sciences, 2016, 5, .	0.2	0
315	Interconnectedness as a Source of Uncertainty in Systemic Risk. SSRN Electronic Journal, 2016, , .	0.4	5
316	Stressed to the Core: Counterparty Concentrations and Systemic Losses in CDS Markets. SSRN Electronic Journal, 0, , .	0.4	1
317	Contagion in the CDS Market. SSRN Electronic Journal, 0, , .	0.4	13
318	Mandatory Clearing of Derivatives and Systemic Risk of Bank Holding Companies. SSRN Electronic Journal, 2016, , .	0.4	1
319	Systemic Risk and Optimal Fee Structure for Central Clearing Counterparty Under Partial Netting. SSRN Electronic Journal, 0, , .	0.4	1
320	Advancing Empirical Approaches to the Concept of Resilience: A Critical Examination of Panarchy, Ecological Information, and Statistical Evidence. Sustainability, 2016, 8, 935.	1.6	30
321	The Interconnectedness and Systemic Importance in the U.S. CDS Market. SSRN Electronic Journal, 2016, , .	0.4	1
322	A Climate Stress-Test of the Financial System. SSRN Electronic Journal, 2016, , .	0.4	9
323	Determination of Systemically Important Companies with Cross-Shareholding Network Analysis: A Case Study from an Emerging Market. International Journal of Financial Studies, 2016, 4, 13.	1.1	13
324	Community Analysis of Global Financial Markets. Risks, 2016, 4, 13.	1.3	22
325	Interdependencies and Causalities in Coupled Financial Networks. PLoS ONE, 2016, 11, e0150994.	1.1	29
326	Quantifying Systemic Risk by Solutions of the Mean-Variance Risk Model. PLoS ONE, 2016, 11, e0158444.	1.1	2
327	Network Structures and Credit Risk in the Cross-Shareholdings Among Listed Japanese Companies. SSRN Electronic Journal, 0, , .	0.4	1
328	Bank Networks and Systemic Risk: Evidence from the National Banking Acts. SSRN Electronic Journal, 2016, , .	0.4	3
329	Bank Networks and Systemic Risk: Evidence from the National Banking Acts. SSRN Electronic Journal, 0, , .	0.4	5
330	Credit networks and systemic risk of Chinese local financing platforms: Too central or too big to fail?. Physica A: Statistical Mechanics and Its Applications, 2016, 461, 158-170.	1.2	10

#	ARTICLE	IF	CITATIONS
331	MODERN MONETARY CIRCUIT THEORY, STABILITY OF INTERCONNECTED BANKING NETWORK, AND BALANCE SHEET OPTIMIZATION FOR INDIVIDUAL BANKS. <i>International Journal of Theoretical and Applied Finance</i> , 2016, 19, 1650034.	0.2	20
332	Complexity and Economic Policy: A Paradigm Shift or a Change in Perspective? A Review Essay on David Colander and Roland Kupers's <i>Complexity and the Art of Public Policy</i>. <i>Journal of Economic Literature</i> , 2016, 54, 534-572.	4.5	38
333	Flexible foraging shapes the topology of plantâ€™pollinator interaction networks. <i>Ecology</i> , 2016, 97, 1431-1441.	1.5	32
334	Crisis in complex social systems: A social theory view illustrated with the chilean case. <i>Complexity</i> , 2016, 21, 13-23.	0.9	12
335	CAPITAL FLOW SURGES AS BUBBLES: BEHAVIORAL FINANCE AND MCKINNONâ€™S OVER-BORROWING SYNDROME EXTENDED. <i>Singapore Economic Review</i> , 2016, 61, 1640023.	0.9	5
337	Imagining the Unimaginable: Communicating Extreme Volcanic Risk. <i>Advances in Volcanology</i> , 2016, , 149-163.	0.7	4
338	The Evolution of Central Banks. , 2016, , 627-672.		4
339	Economics and econophysics in the era of Bigâ€™Data. <i>European Physical Journal: Special Topics</i> , 2016, 225, 3159-3170.	1.2	1
340	Exploring Structural Patterns Across Evolved and Designed Systems: A Network Perspective. <i>Systems Engineering</i> , 2016, 19, 179-192.	1.6	5
341	Fiscal and Financial Crises. <i>Handbook of Macroeconomics</i> , 2016, , 355-412.	1.5	23
342	Strength of weak layers in cascading failures on multiplex networks: case of the international trade network. <i>Scientific Reports</i> , 2016, 6, 26346.	1.6	25
343	Statistically validated network of portfolio overlaps and systemic risk. <i>Scientific Reports</i> , 2016, 6, 39467.	1.6	73
344	Temporal Branching Approach for Visual Exploration of Simulation Process in Dynamic Networks. <i>Procedia Computer Science</i> , 2016, 101, 407-415.	1.2	0
345	Ricci curvature: An economic indicator for market fragility and systemic risk. <i>Science Advances</i> , 2016, 2, e1501495.	4.7	89
346	MULTI-CHANNEL CONTAGION IN DYNAMIC INTERBANK MARKET NETWORK. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2016, 19, 1650011.	0.9	6
347	A model of the topology of the bank â€™ firm credit network and its role as channel of contagion. <i>Journal of Economic Dynamics and Control</i> , 2016, 66, 36-53.	0.9	66
348	Manufactured global-change risk pathways in industrial-based agrarian development. <i>Climate and Development</i> , 2016, 8, 385-396.	2.2	14
349	The Evolution of Organizational Diversity in Banking: Savings Banksâ€™ Consolidation and Sector Coordination in France and Italy, 1980â€™2012. <i>Organization Studies</i> , 2016, 37, 565-589.	3.8	16

#	ARTICLE	IF	CITATIONS
350	Dynamical Systems on Networks. <i>Frontiers in Applied Dynamical Systems: Reviews and Tutorials</i> , 2016, , .	0.5	151
351	Towards an integrated approach to disaster management and food safety governance. <i>International Journal of Disaster Risk Reduction</i> , 2016, 15, 116-124.	1.8	9
352	Examples of Dynamical Systems. <i>Frontiers in Applied Dynamical Systems: Reviews and Tutorials</i> , 2016, , 5-27.	0.5	2
353	Integrated data-driven analytics to identify instability signatures in nonstationary financial time series. <i>Applied Economics</i> , 2016, 48, 1678-1694.	1.2	3
354	Climate Change, Profligacy, Poverty and Destruction: All Things Are Connected. , 2016, , 41-76.		1
355	Knowledge Capture in Financial Regulation. , 2016, , .		3
356	Twenty challenges for innovation studies. <i>Science and Public Policy</i> , 2016, 43, 432-450.	1.2	158
357	Elimination of systemic risk in financial networks by means of a systemic risk transaction tax. <i>Quantitative Finance</i> , 2016, 16, 1599-1613.	0.9	74
358	Disaster Forensics. <i>Advanced Sciences and Technologies for Security Applications</i> , 2016, , .	0.4	22
359	Dynamics of Information Flow Before Major Crises: Lessons from the Collapse of Enron, the Subprime Mortgage Crisis and Other High Impact Disasters in the Industrial Sector. <i>Advanced Sciences and Technologies for Security Applications</i> , 2016, , 175-221.	0.4	2
360	Systemic loops and liquidity regulation. <i>Journal of Financial Stability</i> , 2016, 27, 1-16.	2.6	27
361	Assets overlapping networks and stress testing on stability of financial systems. , 2016, , .		4
362	Contagion in Financial Networks. <i>Journal of Economic Literature</i> , 2016, 54, 779-831.	4.5	326
363	Isotropic Brownian motions over complex fields as a solvable model for Mayâ€™Wigner stability analysis. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 385201.	0.7	11
364	The price of complexity in financial networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10031-10036.	3.3	141
365	Liability Concentration and Systemic Losses in Financial Networks. <i>Operations Research</i> , 2016, 64, 1121-1134.	1.2	53
366	Exacerbated vulnerability of coupled socio-economic risk in complex networks. <i>Europhysics Letters</i> , 2016, 116, 18001.	0.7	15
367	Risk in a Large Claims Insurance Market with Bipartite Graph Structure. <i>Operations Research</i> , 2016, 64, 1159-1176.	1.2	20

#	ARTICLE	IF	CITATIONS
368	Resilience in a complex world – Avoiding cross-sector collapse. <i>International Journal of Disaster Risk Reduction</i> , 2016, 19, 84-91.	1.8	50
369	Financial contagion in interbank network. <i>International Journal of Monetary Economics and Finance</i> , 2016, 9, 132.	0.1	3
370	How damage diversification can reduce systemic risk. <i>Physical Review E</i> , 2016, 93, 042313.	0.8	20
371	When Micro Prudence Increases Macro Risk: The Destabilizing Effects of Financial Innovation, Leverage, and Diversification. <i>Operations Research</i> , 2016, 64, 1073-1088.	1.2	50
372	Optimization of systemic stability of directed network using genetic algorithm. , 2016, , .		4
373	Trade-offs between robustness and small-world effect in complex networks. <i>Scientific Reports</i> , 2016, 6, 37317.	1.6	33
374	The Google matrix controls the stability of structured ecological and biological networks. <i>Nature Communications</i> , 2016, 7, 12857.	5.8	21
377	An Optimization View of Financial Systemic Risk Modeling: Network Effect and Market Liquidity Effect. <i>Operations Research</i> , 2016, 64, 1089-1108.	1.2	70
378	Nonlinear analogue of the May-Wigner instability transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6827-6832.	3.3	54
379	An Evaluative Framework for Mutual and Employee-Owned Businesses. <i>Journal of Social Entrepreneurship</i> , 2016, 7, 342-368.	1.7	8
380	Modelling systemic change in coupled socio-environmental systems. <i>Environmental Modelling and Software</i> , 2016, 75, 318-332.	1.9	44
381	Risk measures on networks and expected utility. <i>Reliability Engineering and System Safety</i> , 2016, 155, 1-8.	5.1	2
382	Robustness of banking networks to idiosyncratic and systemic shocks: a network-based approach. <i>Journal of Economic Interaction and Coordination</i> , 2016, 11, 95-117.	0.4	13
383	The cost of collateralized borrowing in the Colombian money market: Does connectedness matter?. <i>Journal of Financial Stability</i> , 2016, 25, 193-205.	2.6	17
384	Dynamic bifurcations on financial markets. <i>Chaos, Solitons and Fractals</i> , 2016, 88, 126-142.	2.5	12
385	Interconnected Networks. <i>Understanding Complex Systems</i> , 2016, , .	0.3	15
386	Towards a General Theory of Deep Downturns: Presidential Address from the 17th World Congress of the International Economic Association in 2014. , 2016, , .		5
388	A Study of Financial Contagion in Interbank System. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
389	Default contagion risks in Russian interbank market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 451, 36-48.	1.2	8
390	Has the banking system become more homogeneous? Evidence from banks' loan portfolios. <i>Economics Letters</i> , 2016, 142, 45-48.	0.9	14
391	The Components of Talent: Company Size and Financial Centres in the European Investment Management Industry. <i>Regional Studies</i> , 2016, 50, 168-181.	2.5	11
392	The network structure and systemic risk in the global non-life insurance market. <i>Insurance: Mathematics and Economics</i> , 2016, 67, 38-53.	0.7	30
393	The interest ecology of financial regulation: interest group plurality in the design of financial regulatory policies. <i>Socio-Economic Review</i> , 2016, 14, 309-337.	2.0	67
394	Compartmentalization influences the response of bioenergetic ecological networks to species declines. <i>Journal of Complex Networks</i> , 2016, 4, 140-155.	1.1	1
395	A new mathematical framework and spatial decision support system for modeling cascade interdependency of critical infrastructure during geo-disasters. <i>Journal of Earth Science (Wuhan)</i> , 2017, 10, 50-54.	1.0	10
396	Monitoring vulnerability and impact diffusion in financial networks. <i>Journal of Economic Dynamics and Control</i> , 2017, 76, 109-135.	0.9	30
397	Pathways towards instability in financial networks. <i>Nature Communications</i> , 2017, 8, 14416.	5.8	172
398	Failure and recovery in dynamical networks. <i>Scientific Reports</i> , 2017, 7, 41729.	1.6	47
399	Basel III capital surcharges for G-SIBs are far less effective in managing systemic risk in comparison to network-based, systemic risk-dependent financial transaction taxes. <i>Journal of Economic Dynamics and Control</i> , 2017, 77, 230-246.	0.9	25
400	Climate Change and Financial Instability: Risk Disclosure and the Problematics of Neoliberal Governance. <i>Annals of the American Association of Geographers</i> , 2017, 107, 1108-1127.	1.5	69
401	Quantitative environmental risk assessment for the iron and steel industrial symbiosis network. <i>Journal of Cleaner Production</i> , 2017, 157, 106-117.	4.6	23
402	Chemogenetic Interrogation of a Brain-wide Fear Memory Network in Mice. <i>Neuron</i> , 2017, 94, 363-374.e4.	3.8	211
403	Introducing the HFTE Model: A Multi-Species Predator-Prey Ecosystem for High-Frequency Quantitative Financial Strategies. <i>Wilmott Magazine</i> , 2017, 2017, 52-69.	0.1	8
404	Emerging trends in evolving networks: Recent behaviour dominant and non-dominant model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 484, 506-515.	1.2	7
405	Rules vs. Discretion Under Computability Constraints. <i>Review of Behavioral Economics</i> , 2017, 4, 1-31.	0.2	2
406	Continuity and catastrophe: business continuity management and the security of financial operations. <i>Economy and Society</i> , 2017, 46, 103-127.	1.3	9

#	ARTICLE	IF	CITATIONS
407	Degree heterogeneity and stability of ecological networks. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170189.	1.5	20
408	Beyond the revolving door: Advocacy behavior and social distance to financial regulators. <i>Business and Politics</i> , 2017, 19, 327-364.	0.6	41
409	Fast asynchronous updating algorithms for k-shell indices. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 524-531.	1.2	9
410	9. EPIDEMICS. , 2017, , 198-223.		0
411	A climate stress-test of the financial system. <i>Nature Climate Change</i> , 2017, 7, 283-288.	8.1	488
412	Extreme risk spillover network: application to financial institutions. <i>Quantitative Finance</i> , 2017, 17, 1417-1433.	0.9	175
413	Systemic risk and dynamics of contagion: a duplex inter-bank network. <i>Quantitative Finance</i> , 2017, 17, 1435-1445.	0.9	20
414	An analysis of the literature on systemic financial risk: A survey. <i>Journal of Financial Stability</i> , 2017, 28, 91-114.	2.6	142
415	Learning the Structural Vocabulary of a Network. <i>Neural Computation</i> , 2017, 29, 287-312.	1.3	2
416	Localized motion in random matrix decomposition of complex financial systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 471, 154-161.	1.2	6
420	Some Implications of a Pragmatic Approach to Finance. , 2017, , 271-293.		1
421	Earnings management in interconnected networks: a perspective. <i>Journal of Economic and Administrative Sciences</i> , 2017, 33, 150-163.	0.7	9
422	Enhanced capital-asset pricing model for the reconstruction of bipartite financial networks. <i>Physical Review E</i> , 2017, 96, 032315.	0.8	24
423	Indirect effects drive coevolution in mutualistic networks. <i>Nature</i> , 2017, 550, 511-514.	13.7	215
424	Optimization of financial network stability by genetic algorithm. , 2017, , .		2
425	Effects of network modularity on the spread of perturbation impact in experimental metapopulations. <i>Science</i> , 2017, 357, 199-201.	6.0	169
426	A Networked Economy: A Survey on the Effect of Interaction in Credit Markets. , 2017, , 229-252.		5
427	Takeover times for a simple model of network infection. <i>Physical Review E</i> , 2017, 96, 012313.	0.8	16

#	ARTICLE	IF	CITATIONS
428	Impact of value-at-risk models on market stability. <i>Journal of Economic Dynamics and Control</i> , 2017, 82, 223-256.	0.9	7
429	A diverse and resilient financial system for investments in the energy transition. <i>Current Opinion in Environmental Sustainability</i> , 2017, 28, 24-32.	3.1	41
430	Professional Authority After the Global Financial Crisis. , 2017, , .		5
431	Financial intermediation, infrastructure investment and regional growth. <i>Area Development and Policy</i> , 2017, 2, 217-236.	1.2	27
432	Reverse stress testing interbank networks. <i>Scientific Reports</i> , 2017, 7, 15616.	1.6	11
433	Small vulnerable sets determine large network cascades in power grids. <i>Science</i> , 2017, 358, .	6.0	221
434	Fast and slow domino regimes in transient network dynamics. <i>Physical Review E</i> , 2017, 96, 052309.	0.8	13
435	Social Cooperation and Disharmony in Communities Mediated through Common Pool Resource Exploitation. <i>Physical Review Letters</i> , 2017, 118, 208301.	2.9	19
436	Pendular behavior of public transport networks. <i>Physical Review E</i> , 2017, 96, 012309.	0.8	5
438	Network formation in the interbank money market: An application of the actor-oriented model. <i>Social Networks</i> , 2017, 48, 237-249.	1.3	28
439	On the reflexivity of crises. <i>European Journal of Social Theory</i> , 2017, 20, 511-530.	1.6	21
440	Banks as Global Corporations: From Entities to "Ecological Habitats"™. , 0, , 268-279.		0
441	Motif centrality in food web networks. <i>Journal of Complex Networks</i> , 2017, 5, 641-664.	1.1	12
444	Information cascades in complex networks. <i>Journal of Complex Networks</i> , 0, , .	1.1	78
447	Identifying Contagion in a Banking Network. <i>Finance and Economics Discussion Series</i> , 2017, 2017, .	0.2	3
448	The New Era of Global Economic Growth and Urban Infrastructure Investment: Financial Intermediation, Institutions and Markets. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
449	Network Models of Financial Systemic Risk: A Review. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
450	Structural Correlations in the Italian Overnight Money Market: An Analysis Based on Network Configuration Models. <i>Entropy</i> , 2017, 19, 259.	1.1	3

#	ARTICLE	IF	CITATIONS
451	Multiscale Information Theory and the Marginal Utility of Information. Entropy, 2017, 19, 273.	1.1	28
452	Cyclic Growth and Global Stability of Economic Dynamics of Kaldor Type in Two Dimensions. International Journal of Differential Equations, 2017, 2017, 1-12.	0.3	2
453	Policy Lessons from Systemic Risk Modeling and Measurement. , 2017, , 239-273.		0
454	“High Quality Securitisation and EU Capital Markets Union” Is It Possible? Accounting, Economics and Law: A Convivium, 2017, 7, .	0.6	6
456	Does financial VAT affect the size of the financial sector?. Economics, 2017, 11, .	0.2	3
457	Regulating Highly Automated Robot Ecologies. , 2017, , .		2
458	An Interdisciplinary Model for Macroeconomics. SSRN Electronic Journal, 0, , .	0.4	2
459	Bank-Insurer-Firm Tripartite Interconnectedness of Credit Risk Exposures in a Cross-Shareholding Network. SSRN Electronic Journal, 2017, , .	0.4	0
460	Adjustable Network Reconstruction with Applications to CDS Exposures. SSRN Electronic Journal, 2017, , .	0.4	7
461	Total systemic failure?. Science of the Total Environment, 2018, 626, 684-688.	3.9	7
462	Identifying systemic risk drivers in financial networks. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 650-674.	1.2	21
463	Exact analytical solution of irreversible binary dynamics on networks. Physical Review E, 2018, 97, 032302.	0.8	2
464	Can banks default overnight? Modelling endogenous contagion on the O/N interbank market. Quantitative Finance, 2018, 18, 1815-1829.	0.9	8
465	Understanding the shift from micro- to macro-prudential thinking: a discursive network analysis. Cambridge Journal of Economics, 2018, 42, 935-962.	0.8	13
466	Herding boosts too-connected-to-fail risk in stock market of China. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 945-964.	1.2	16
467	A dynamic approach merging network theory and credit risk techniques to assess systemic risk in financial networks. Scientific Reports, 2018, 8, 5561.	1.6	28
468	Immediate causality network of stock markets. Europhysics Letters, 2018, 121, 48002.	0.7	16
469	Speculative Bubbles. , 0, , 101-166.		3

#	ARTICLE	IF	CITATIONS
470	Synergistic effects in threshold models on networks. <i>Chaos</i> , 2018, 28, 013115.	1.0	14
471	Divergent biodiversity change within ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1843-1847.	3.3	74
472	Sustainability Stress Testing the Financial System: Challenges and Approaches. , 2018, , 173-197.		1
473	Designing a Sustainable Financial System. <i>Palgrave Studies in Sustainable Business in Association With Future Earth</i> , 2018, , .	0.5	3
474	Modeling and Simulation of Financial Risks. <i>Studies in Computational Intelligence</i> , 2018, , 175-185.	0.7	0
475	Spin Model of Two Random Walkers in Complex Networks. <i>Studies in Computational Intelligence</i> , 2018, , 555-566.	0.7	1
476	Evolution of the Global Risk Network Mean-Field Stability Point. <i>Studies in Computational Intelligence</i> , 2018, , 1124-1134.	0.7	4
477	An interdisciplinary model for macroeconomics. <i>Oxford Review of Economic Policy</i> , 2018, 34, 219-251.	1.0	96
478	Existential risk due to ecosystem collapse: Nature strikes back. <i>Futures</i> , 2018, 102, 39-50.	1.4	44
479	A simple analytics framework for evaluating mean escape time in different term structures with stochastic volatility. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 505, 398-412.	1.2	0
480	Network models of financial systemic risk: a review. <i>Journal of Computational Social Science</i> , 2018, 1, 81-114.	1.4	95
481	Learning-by-doing and knowledge management in financial markets. <i>Journal of Economic Geography</i> , 2018, 18, 271-292.	1.6	12
482	Bankâ€“insurerâ€“firm tripartite interconnectedness of credit risk exposures in a cross-shareholding network. <i>Risk Management</i> , 2018, 20, 273-303.	1.2	7
483	A survey of network-based analysis and systemic risk measurement. <i>Journal of Economic Interaction and Coordination</i> , 2018, 13, 241-281.	0.4	39
484	Systemic Financial Feedbacks â€“ Conceptual Framework and Modelling Implications. <i>Systems Research and Behavioral Science</i> , 2018, 35, 22-38.	0.9	5
485	Financial stability in networks of financial institutions and market infrastructures. <i>Journal of Financial Stability</i> , 2018, 35, 120-135.	2.6	42
486	Identifying central bank liquidity super-spreaders in interbank funds networks. <i>Journal of Financial Stability</i> , 2018, 35, 75-92.	2.6	45
487	Stressed to the core: Counterparty concentrations and systemic losses in CDS markets. <i>Journal of Financial Stability</i> , 2018, 35, 38-52.	2.6	16

#	ARTICLE	IF	CITATIONS
488	Interconnectedness as a source of uncertainty in systemic risk. <i>Journal of Financial Stability</i> , 2018, 35, 93-106.	2.6	86
489	An agent-based model for financial vulnerability. <i>Journal of Economic Interaction and Coordination</i> , 2018, 13, 433-466.	0.4	31
490	How the ownership structures cause epidemics in financial markets: A network-based simulation model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 492, 324-342.	1.2	16
491	Adaptation to extreme weather events in complex health and social care systems: The example of older people's services in England. <i>Environment and Planning C: Politics and Space</i> , 2018, 36, 67-91.	1.1	8
492	In Anticipation of Black Swans. <i>New Economic Windows</i> , 2018, , 121-135.	1.0	0
493	The properties of global risk networks and corresponding risk management strategies. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 158-173.	1.7	3
494	Sustainable business models, venture typologies, and entrepreneurial ecosystems: A social network perspective. <i>Journal of Cleaner Production</i> , 2018, 172, 4565-4579.	4.6	163
495	State network approach to characteristics of financial crises. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 492, 1120-1128.	1.2	11
496	A stable systemic risk ranking in China's banking sector: Based on principal component analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 492, 1997-2009.	1.2	23
497	Social Dynamics in a Systems Perspective. <i>New Economic Windows</i> , 2018, , .	1.0	7
498	Banking on ordoliberalism? Security, stability and profits in EU's economic reform promotion in Egypt. <i>Mediterranean Politics</i> , 2018, 23, 43-61.	1.0	7
499	How noise and coupling influence leading indicators of population extinction in a spatially extended ecological system. <i>Journal of Biological Dynamics</i> , 2018, 12, 211-241.	0.8	8
500	Market-Based Finance, Debt and Systemic Risk: A Critique of the EU Capital Markets Union. <i>Accounting, Economics and Law: A Convivium</i> , 2021, 11, .	0.6	2
501	Defining a Sandbox for Responsible AI. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
502	Complex and Entangled Public Policy: Here Be Dragons. <i>SSRN Electronic Journal</i> , 2018, , .	0.4	0
503	Rethinking Financial Stability. <i>SSRN Electronic Journal</i> , 0, , .	0.4	19
504	Social dynamics of financial networks. <i>EPJ Data Science</i> , 2018, 7, .	1.5	12
505	Machine Learning vs. Mathematical Finance: Opposition or Apposition? Thoughts Around Reconstructing Quantitative Finance a Decade after the Subprime Derivatives & Electronic Trading Flash Crashes In the Context of the Rise of Big Data & Data Science. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
506	Evolution of threats in the global risk network. <i>Applied Network Science</i> , 2018, 3, 24.	0.8	6
507	Insurers As Asset Managers and Systemic Risk. <i>SSRN Electronic Journal</i> , 0, , .	0.4	18
508	The Prism of Elasticity in Rebound Effect Modelling: An Insight from the Freight Transport Sector. <i>Sustainability</i> , 2018, 10, 2874.	1.6	0
509	Integrating Systemic Risk and Risk Analysis Using Copulas. <i>International Journal of Disaster Risk Science</i> , 2018, 9, 561-567.	1.3	15
510	Systemic Risks: A Homomorphic Approach on the Basis of Complexity Science. <i>International Journal of Disaster Risk Science</i> , 2018, 9, 292-305.	1.3	17
511	Detecting Systemically Important Platforms in P2P Market of China. , 2018, , .		0
512	From Performativity to Representation <i><i>as</i></i> Intervention: Rethinking the 2008 Financial Crisis and the Recent History of Social Science. <i>Journal for the Theory of Social Behaviour</i> , 2018, 48, 492-510.	0.8	4
513	Network-based risk measurements for interbank systems. <i>PLoS ONE</i> , 2018, 13, e0200209.	1.1	7
514	Combined use of a backcast scenario and cross-impact matrix analysis to identify causes of uncertainty in a nascent transport infrastructure project. <i>Transportation Research Part B: Methodological</i> , 2018, 116, 124-140.	2.8	8
516	Extracting the multi-timescale activity patterns of online financial markets. <i>Scientific Reports</i> , 2018, 8, 11184.	1.6	3
517	Degree correlations amplify the growth of cascades in networks. <i>Physical Review E</i> , 2018, 98, 022321.	0.8	6
518	Macprudential regimes and the politics of social purpose. <i>Review of International Political Economy</i> , 2018, 25, 293-316.	3.2	61
519	Interrogating the Anthropocene. , 2018, , .		14
520	Multilayer Aggregation with Statistical Validation: Application to Investor Networks. <i>Scientific Reports</i> , 2018, 8, 8198.	1.6	33
521	Relocate Verses Rebuild Decisions: Understanding the Importance of Coupled Systems. <i>Springer Briefs in Geography</i> , 2018, , 57-75.	0.1	0
522	A Network-Based Impact Measure for Propagated Losses in a Supply Chain Network Consisting of Resilient Components. <i>Complexity</i> , 2018, 2018, 1-13.	0.9	4
523	Behaviour in Context. , 2018, , .		3
524	Reconstruction methods for networks: The case of economic and financial systems. <i>Physics Reports</i> , 2018, 757, 1-47.	10.3	66

#	ARTICLE	IF	CITATIONS
525	Link Prediction on Directed Networks Based on AUC Optimization. IEEE Access, 2018, 6, 28122-28136.	2.6	20
526	An Agent-Based Approach to Interbank Market Lending Decisions and Risk Implications. Information (Switzerland), 2018, 9, 132.	1.7	11
527	Diversification and Systemic Risk: A Financial Network Perspective. Risks, 2018, 6, 54.	1.3	3
528	More than the sum of the parts: annual partitioning within spatial guilds underpins community regulation. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180659.	1.2	7
529	A Boolean Networks Approach to Modeling and Resilience Analysis of Interdependent Critical Infrastructures. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 1041-1055.	6.3	26
530	Identifying the community structure of the food-trade international multi-network. Environmental Research Letters, 2018, 13, 054026.	2.2	54
531	Making Our Way in a World of Our Making: The Anthropocene, Debt-Money, and the Pre-emptive Production of Our Future. , 2018, , 133-152.		1
532	Explicit size distributions of failure cascades redefine systemic risk on finite networks. Scientific Reports, 2018, 8, 6878.	1.6	16
533	Bank linkages and international trade. Journal of International Economics, 2018, 115, 30-47.	1.4	28
534	The feasibility and stability of large complex biological networks: a random matrix approach. Scientific Reports, 2018, 8, 8246.	1.6	63
535	Empirical Analyses of Networks in Finance. Handbook of Computational Economics, 2018, , 637-685.	1.6	18
536	Identifying systemically important financial institutions: a network approach. Computational Management Science, 2019, 16, 155-185.	0.8	5
537	The data clustering based dynamic risk identification of biological immune system: mechanism, method and simulation. Cluster Computing, 2019, 22, 6253-6266.	3.5	5
538	An Asset-Based Framework of Credit Creation (applied to the Global Financial Crisis). Accounting, Economics and Law: A Convivium, 2019, 9, .	0.6	1
539	Debt rating downgrades of financial institutions: causality tests on single-issue CDS and iTraxx. Quantitative Finance, 2019, 19, 1975-1993.	0.9	5
540	Lost in diversification. Comptes Rendus Physique, 2019, 20, 364-370.	0.3	1
541	Toward a pluralistic conception of resilience. Ecological Indicators, 2019, 107, 105510.	2.6	21
542	Multilayer overlaps and correlations in the bank-firm credit network of Spain. Quantitative Finance, 2019, 19, 1953-1974.	0.9	12

#	ARTICLE	IF	CITATIONS
543	Will a Large Economy Be Stable?. SSRN Electronic Journal, 2019, , .	0.4	4
544	Information-theoretic portfolio decision model for optimal flood management. Environmental Modelling and Software, 2019, 119, 258-274.	1.9	38
545	Financial systemic risk measurement based on causal network connectedness analysis. International Review of Economics and Finance, 2019, 64, 290-307.	2.2	70
548	Great Expectations, Banking Crises and Democratic Politics. , 2019, , 23-68.		0
549	Household Wealth and Financialization in the United Kingdom, the United States and Brazil since the Nineteenth Century. , 2019, , 69-117.		0
550	The Emergence of Great Expectations in the United Kingdom, the United States and Brazil. , 2019, , 118-160.		0
551	Changing Expectations and Policy Responses to Banking Crises. , 2019, , 163-200.		0
552	Banking Crises and Voters Over the Long Run. , 2019, , 201-234.		0
553	Banking Crises in the United Kingdom in an Era of Low Expectations. , 2019, , 237-270.		0
554	A Banking Crisis in the United Kingdom in an Era of Great Expectations. , 2019, , 271-310.		0
555	Banking Crises in the United States Before the Era of Great Expectations. , 2019, , 311-355.		0
556	The 2007â€“2009 Crisis and its Aftermath in the United States. , 2019, , 356-403.		0
557	Banking Crises in Brazil in an Era of Low Expectations. , 2019, , 404-445.		0
558	Banking Crises in Brazil in an Era of Rising Expectations. , 2019, , 446-485.		0
562	Statistical estimation of time-varying complexity in financial networks. European Physical Journal B, 2019, 92, 1.	0.6	4
564	Identifying fragility for the stock market: Perspective from the portfolio overlaps network. Journal of International Financial Markets, Institutions and Money, 2019, 62, 132-151.	2.1	5
565	Systemic Risk: Fire-Walling Financial Systems Using Network-Based Approaches. , 2019, , 313-330.		0
566	Unifying Structural Proximity and Equivalence for Network Embedding. IEEE Access, 2019, 7, 106124-106138.	2.6	14

#	ARTICLE	IF	CITATIONS
567	Ecosystem: A Zombie Category?. , 2019, , .		3
568	Credit Risk Assessment in Real Estate Investment Trusts: A Perspective on Blockholding and Lending Networks. SSRN Electronic Journal, 0, , .	0.4	0
569	Conceptualizing the "Corporate Nervous Net": Decentralized Strategic Communication Based on a Digital Reporting Indicator Framework. International Journal of Strategic Communication, 2019, 13, 418-432.	0.9	13
570	The general dynamic risk assessment for the enterprise by the hologram approach in financial technology. International Journal of Financial Engineering, 2019, 06, 1950001.	0.2	16
571	May's instability in large economies. Physical Review E, 2019, 100, 032307.	0.8	36
572	From Industrial Organization to Entrepreneurship. , 2019, , .		2
573	Controlling cost in sandpile models through local adjustment of drive. Physica A: Statistical Mechanics and Its Applications, 2019, 534, 122185.	1.2	1
574	Coherence and anti-coherence resonance of corporation finance. Chaos, Solitons and Fractals, 2019, 118, 376-385.	2.5	16
575	Adjustable network reconstruction with applications to CDS exposures. Journal of Multivariate Analysis, 2019, 172, 193-209.	0.5	22
576	The Politics of Commodity Derivatives Reform in the EU and the USA. , 2019, , 310-344.		1
577	Emergence of frustration signals systemic risk. Physical Review E, 2019, 99, 052306.	0.8	14
578	Quantile Panel Estimation of Financial Contagion Effects. , 2019, , 639-664.		0
579	Systemic risk governance in a dynamical model of a banking system. Journal of Global Optimization, 2019, 75, 851-883.	1.1	4
580	Dynamic risk identification safety model based on fuzzy support vector machine and immune optimization algorithm. Safety Science, 2019, 118, 205-211.	2.6	19
581	Modeling and simulation of Japanese inter-firm network. Artificial Life and Robotics, 2019, 24, 257-261.	0.7	4
582	Identifying Fragility for the Stock Market: Perspective from the Portfolio Overlaps Network. SSRN Electronic Journal, 2019, , .	0.4	1
583	Quantitative analysis of financial system fragility based on manifold curvature. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 1276-1285.	1.2	2
584	Research and Prospect of Risk Assessment of Multinational Agricultural Products Supply Chain. Journal of Physics: Conference Series, 2019, 1176, 042048.	0.3	0

#	ARTICLE	IF	CITATIONS
585	The financialization of mass wealth, banking crises and politics over the long run. <i>European Journal of International Relations</i> , 2019, 25, 1007-1034.	1.3	8
586	Contagion across US and European financial markets: Evidence from the CDS markets. <i>Journal of International Money and Finance</i> , 2019, 96, 1-12.	1.3	35
587	A Bottom-up Approach to the Financial Markets. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	1
588	Diversification and systemic risk in the banking system. <i>Chaos, Solitons and Fractals</i> , 2019, 123, 413-421.	2.5	10
589	An approach for measuring corporation financial stability by Econophysics and Bayesian method. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 527, 121197.	1.2	6
590	Intervention on default contagion under partial information in a financial network. <i>PLoS ONE</i> , 2019, 14, e0209819.	1.1	0
591	Network structure reveals patterns of legal complexity in human society: The case of the Constitutional legal network. <i>PLoS ONE</i> , 2019, 14, e0209844.	1.1	7
592	Quantifying economic resilience from input-output susceptibility to improve predictions of economic growth and recovery. <i>Nature Communications</i> , 2019, 10, 1677.	5.8	35
593	Localized attack on networks with clustering. <i>New Journal of Physics</i> , 2019, 21, 013014.	1.2	10
594	Identifying dynamical instabilities in supply networks using generalized modeling. <i>Journal of Operations Management</i> , 2019, 65, 136-159.	3.3	63
595	Understanding flash crash contagion and systemic risk: A micro-macro agent-based approach. <i>Journal of Economic Dynamics and Control</i> , 2019, 100, 200-229.	0.9	21
596	The Dark Side of Bank Resolution: Counterparty Risk through Bail-in. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	3
597	Banking system resilience: an empirical appraisal. <i>Journal of Economic Studies</i> , 2019, 46, 1241-1257.	1.0	9
598	Unpacking the black box of systemic risks in banking. <i>Kybernetes</i> , 2019, 49, 1675-1690.	1.2	1
599	Infrastructures of Traceability. <i>Research in the Sociology of Organizations</i> , 2019, , 115-130.	0.5	22
600	The architecture of robustness. , 2019, , .		5
601	Assessing the risk of default propagation in interconnected sectoral financial networks. <i>EPJ Data Science</i> , 2019, 8, .	1.5	15
602	Limiting Distributional Fixed Points in Systemic Risk Graph Models. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
603	Social reinforcement inducing discontinuous spreading in complex networks. <i>Europhysics Letters</i> , 2019, 128, 68002.	0.7	3
604	Anatomy and resilience of the global production ecosystem. <i>Nature</i> , 2019, 575, 98-108.	13.7	203
605	Modeling Risk Contagion in the Venture Capital Market: A Multilayer Network Approach. <i>Complexity</i> , 2019, 2019, 1-11.	0.9	5
606	Exact analysis of summary statistics for continuous-time discrete-state Markov processes on networks using graph-automorphism lumping. <i>Applied Network Science</i> , 2019, 4, .	0.8	9
607	Networks and systemic risk in the financial system. <i>Oxford Review of Economic Policy</i> , 2019, 35, 586-613.	1.0	30
608	An analysis of the feasibility of an extreme operational risk pool for banks. <i>Annals of Actuarial Science</i> , 2019, 13, 295-307.	1.0	2
609	The allocation of risk and uncertainty in green infrastructure investment with implications for climate change policy. <i>Journal of Sustainable Finance and Investment</i> , 2019, 9, 116-137.	4.1	5
610	Leveraging Network Theory and Stress Tests to Assess Interdependencies in Critical Infrastructures. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019, , 135-155.	0.4	7
611	The k-core as a predictor of structural collapse in mutualistic ecosystems. <i>Nature Physics</i> , 2019, 15, 95-102.	6.5	100
612	Financial structure and determinants of systemic risk contribution. <i>Pacific-Basin Finance Journal</i> , 2019, 57, 101083.	2.0	18
613	Network structures and credit risk in cross-shareholdings among listed Japanese companies. <i>Japan and the World Economy</i> , 2019, 49, 17-31.	0.4	11
614	Neo-Liberalism Rebooted: Resilience Versus Resistance. , 2019, , 77-119.		1
615	Real estate prices and systemic banking crises. <i>Economic Modelling</i> , 2019, 80, 111-120.	1.8	17
616	An analysis of power law distributions and tipping points during the global financial crisis. <i>Annals of Actuarial Science</i> , 2019, 13, 80-91.	1.0	3
617	Dynamic Interaction Between Asset Prices and Bank Behavior: A Systemic Risk Perspective. <i>Computational Economics</i> , 2019, 54, 1505-1537.	1.5	5
618	Interconnectedness and systemic risk in the US CDS market. <i>North American Journal of Economics and Finance</i> , 2020, 54, 100837.	1.8	6
619	On the distribution of links in financial networks: structural heterogeneity and functional form. <i>Empirical Economics</i> , 2020, 58, 1019-1053.	1.5	3
620	Emergence of income inequality: Origin, distribution and possible policies. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 537, 122767.	1.2	8

#	ARTICLE	IF	CITATIONS
621	Heterogeneity risks and negative externality. <i>Economic Modelling</i> , 2020, 87, 401-415.	1.8	0
622	Complex network construction of Internet finance risk. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 540, 122930.	1.2	34
623	Confronting total systemic failure? The May 2018 truckers' strike in Brazil. <i>Systems Research and Behavioral Science</i> , 2020, 37, 119-127.	0.9	3
624	Systemic risk in bank-firm multiplex networks. <i>Finance Research Letters</i> , 2020, 33, 101232.	3.4	12
625	The Real Effects of Endogenous Defaults on the Interbank Market. <i>Italian Economic Journal</i> , 2020, 6, 411-439.	0.9	0
626	Measuring, modeling, and managing systemic risk: the missing aspect of human agency. <i>Journal of Risk Research</i> , 2020, 23, 1301-1317.	1.4	12
627	Economic policy uncertainty and credit growth: Evidence from a global sample. <i>Research in International Business and Finance</i> , 2020, 51, 101118.	3.1	99
628	Systemic risk governance in a dynamical model of a banking system with stochastic assets and liabilities. <i>Journal of Economic Interaction and Coordination</i> , 2020, 15, 183-219.	0.4	4
629	Diversity in biology: definitions, quantification and models. <i>Physical Biology</i> , 2020, 17, 031001.	0.8	27
630	Systemic risk: The coordination of macroprudential and monetary policies in China. <i>Economic Modelling</i> , 2020, 93, 415-429.	1.8	16
631	Path-Break Versus Path-Drift: A Comparative Approach to Explain Variations in Institutional Effects on Economic Growth. <i>American economist, The</i> , 2020, , 056943452095658.	0.5	0
632	Fragility of a multilayer network of intranational supply chains. <i>Applied Network Science</i> , 2020, 5, 71.	0.8	25
633	Enhancing resilience of systems to individual and systemic risk: Steps toward an integrative framework. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101868.	1.8	19
634	Credit risk assessment in real estate investment trusts: A perspective on blockholding and lending networks. <i>International Review of Financial Analysis</i> , 2020, 71, 101556.	3.1	5
635	The Ecology of Money: A Critical Assessment. <i>Ecological Economics</i> , 2020, 178, 106823.	2.9	10
636	From Big Data to Econophysics and Its Use to Explain Complex Phenomena. <i>Journal of Risk and Financial Management</i> , 2020, 13, 153.	1.1	3
637	Banking Network Multiplier effects on cross-border bank inflows. <i>International Review of Economics and Finance</i> , 2020, 70, 493-507.	2.2	1
638	Pattern recognition of financial institutions's payment behavior. <i>Latin American Journal of Central Banking</i> , 2020, 1, 100011.	0.7	3

#	ARTICLE	IF	CITATIONS
639	A new approach to measuring universal banking. <i>Bulletin of Economic Research</i> , 2020, 72, 353-379.	0.5	0
640	Volatility as a Transmitter of Systemic Risk: Is there a Structural Risk in Finance?. <i>Risk Analysis</i> , 2022, 42, 1952-1964.	1.5	10
641	Empirical study of financial crises based on topological data analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 558, 124956.	1.2	8
642	Development of Stock Networks Using Part Mutual Information and Australian Stock Market Data. <i>Entropy</i> , 2020, 22, 773.	1.1	20
643	Rethinking the Income Inequality and Financial Development Nexus. A Study of Nine OECD Countries. <i>Sustainability</i> , 2020, 12, 5449.	1.6	10
644	A Review of Micro-Based Systemic Risk Research from Multiple Perspectives. <i>Entropy</i> , 2020, 22, 711.	1.1	3
645	Redundancy, Diversity, and Modularity in Network Resilience: Applications for International Trade and Implications for Public Policy. <i>Current Research in Environmental Sustainability</i> , 2020, 2, 100006.	1.7	20
646	How to be influential being weakly connected. <i>Physica D: Nonlinear Phenomena</i> , 2020, 413, 132644.	1.3	1
647	An Introduction to Complex Systems Science and Its Applications. <i>Complexity</i> , 2020, 2020, 1-16.	0.9	93
648	Risk-Dependent Centrality in Economic and Financial Networks. <i>SIAM Journal on Financial Mathematics</i> , 2020, 11, 526-565.	0.7	13
649	The multiplex nature of global financial contagions. <i>Applied Network Science</i> , 2020, 5, .	0.8	3
650	Structural inequalities emerging from a large wire transfers network. <i>Applied Network Science</i> , 2020, 5, .	0.8	2
651	Risk contagion in the banking network: New evidence from China. <i>North American Journal of Economics and Finance</i> , 2020, 54, 101276.	1.8	7
652	Collecting network data from documents to reach non-participatory populations. <i>Social Networks</i> , 2020, , .	1.3	3
653	Critical transitions and tipping points in EMT. <i>Quantitative Biology</i> , 2020, 8, 195-202.	0.3	4
654	Robert May, 1936â€“2020: A man for all disciplines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23199-23201.	3.3	0
655	The problematic nature of UK pension fund regulation: Performing governance at the expense of innovation. <i>Competition and Change</i> , 2022, 26, 125-142.	2.9	4
656	Systemic Risk Contagion in Reconstructed Financial Credit Network within Banking and Firm Sectors on DebtRank Based Model. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-14.	0.5	2

#	ARTICLE	IF	CITATIONS
657	Dependence structures and risk spillover in China's credit bond market: A copula and CoVaR approach. <i>Journal of Asian Economics</i> , 2020, 68, 101200.	1.2	16
658	Component response rate variation underlies the stability of highly complex finite systems. <i>Scientific Reports</i> , 2020, 10, 8296.	1.6	0
659	The Emergence of Critical Stocks in Market Crash. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	4
660	<i>Financial Markets</i> . , 2020, , 188-243.		0
661	Flickering of cardiac state before the onset and termination of atrial fibrillation. <i>Chaos</i> , 2020, 30, 053137.	1.0	5
662	Evolution of the Chinese guarantee network under financial crisis and stimulus program. <i>Nature Communications</i> , 2020, 11, 2693.	5.8	10
663	A perspective on complexity and networks science. <i>Journal of Physics Complexity</i> , 2020, 1, 021001.	0.9	16
664	Introduction: Reimagining Collective Life. , 2020, , 1-24.		0
665	Identifying vital nodes based on reverse greedy method. <i>Scientific Reports</i> , 2020, 10, 4826.	1.6	5
666	<i>Social Avalanches</i> . , 2020, , 108-143.		0
667	Fin-de-si�cle Landslides. , 2020, , 25-62.		0
670	A novel route to cyclic dominance in voluntary social dilemmas. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190789.	1.5	40
671	The COVID-19 Pandemic and Relationship Banking in Germany: Will Regional Banks Cushion an Economic Decline or is A Banking Crisis Looming?. <i>Tijdschrift Voor Economische En Sociale Geografie</i> , 2020, 111, 416-433.	1.2	27
672	Ownership diversity and the risk-taking channel of monetary policy transmission. <i>Cambridge Journal of Economics</i> , 2020, 44, 1329-1364.	0.8	4
673	Credit rating migration risk and interconnectedness in a corporate lending network. <i>Research in International Business and Finance</i> , 2020, 54, 101282.	3.1	1
675	Cascading failures in networks of heterogeneous node behavior. <i>Physical Review E</i> , 2020, 101, 020301.	0.8	10
676	Resilience centrality in complex networks. <i>Physical Review E</i> , 2020, 101, 022304.	0.8	18
677	Do banks change their liquidity ratios based on network characteristics?. <i>European Journal of Operational Research</i> , 2020, 285, 789-803.	3.5	15

#	ARTICLE	IF	CITATIONS
678	Predicting collapse of adaptive networked systems without knowing the network. Scientific Reports, 2020, 10, 1223.	1.6	2
679	K-core robustness in ecological and financial networks. Scientific Reports, 2020, 10, 3357.	1.6	17
680	How bank size relates to the impact of bank stress on the real economy. Journal of Corporate Finance, 2020, 62, 101592.	2.7	11
681	Tipping positive change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190123.	1.8	70
682	Contagion in Derivatives Markets. Management Science, 2020, 66, 3603-3616.	2.4	14
683	Connecting risk: Systemic risk from finance to the digital. Economy and Society, 2020, 49, 239-264.	1.3	13
684	The indirect paths to cascading effects of extinctions in mutualistic networks. Ecology, 2020, 101, e03080.	1.5	37
686	Tensional Individuality. , 2020, , 63-107.		0
687	Systemic risk assessment through high order clustering coefficient. Annals of Operations Research, 2021, 299, 1165-1187.	2.6	22
688	Risk sharing and financial stability: a welfare analysis. Journal of Economic Interaction and Coordination, 2021, 16, 211-228.	0.4	3
689	Statistical physics approaches to the complex Earth system. Physics Reports, 2021, 896, 1-84.	10.3	79
690	Quantification of systemic risk from overlapping portfolios in the financial system. Journal of Financial Stability, 2021, 52, 100808.	2.6	55
691	A model-based index for systemic risk contribution measurement in financial networks. Economic Modelling, 2021, 95, 35-48.	1.8	7
692	COVID-19 implications for banks: evidence from an emerging economy. SN Business & Economics, 2021, 1, 19.	0.6	52
693	New Dimensions of Information Warfare. Advances in Information Security, 2021, , .	0.9	16
694	The microbial network property as a bio-indicator of antibiotic transmission in the environment. Science of the Total Environment, 2021, 758, 143712.	3.9	24
695	CoMap: Mapping Contagion in the Euro Area Banking Sector. Journal of Financial Stability, 2021, 53, 100814.	2.6	15
696	The COVID pandemic and social theory: Social democracy and public health in the crisis. European Journal of Social Theory, 2021, 24, 22-43.	1.6	36

#	ARTICLE	IF	CITATIONS
697	The intrafirm complexity of systemically important financial institutions. <i>Journal of Financial Stability</i> , 2021, 52, 100804.	2.6	4
698	Resolution of Respect Robert M. May (1936–2020). <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01769.	0.2	0
699	Emergence, Entanglement, and Political Economy. <i>Studies in Public Choice</i> , 2021, , .	0.0	1
700	A scientometric review on literature of macroprudential policy. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 1498-1519.	2.6	7
701	Citation likelihood analysis of the interbank financial networks literature: A machine learning and bibliometric approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 562, 125363.	1.2	8
702	Assessing the impact of incomplete information on the resilience of financial networks. <i>Annals of Operations Research</i> , 2021, 299, 721-745.	2.6	13
703	Western Thinking at Its Best: Systems Theory and Psychology. , 2021, , 67-96.		0
704	Informing a Financial Market. <i>Studies in Computational Intelligence</i> , 2021, , 238-247.	0.7	0
705	Stress Testing the Financial Macrocosm. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
706	How Society Works. , 2021, , 153-173.		0
707	Advancing a toolkit of diverse futures approaches for global environmental assessments. <i>Ecosystems and People</i> , 2021, 17, 191-204.	1.3	29
709	Equilibrium, Instability, Growth and Feedback in Economics. <i>Contemporary Systems Thinking</i> , 2021, , 43-68.	0.3	2
710	Diversification spins a heatwave safety net for fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	3
711	Financial Risk Information Spreading on Metapopulation Networks. <i>Complexity</i> , 2021, 2021, 1-7.	0.9	1
712	Financial contagion: problems of proximity and connectivity in financial markets. <i>Journal of Cultural Economy</i> , 2021, 14, 388-402.	0.8	12
713	Robust Management of Systemic Risks and Food-Water-Energy-Environmental Security: Two-Stage Strategic-Adaptive GLOBIOM Model. <i>Sustainability</i> , 2021, 13, 857.	1.6	4
714	A morphological investigation of marine transgression in estuaries. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 626-641.	1.2	6
715	RETHINKING EVIDENCE-BASED POLICY. <i>National Institute Economic Review</i> , 2021, 255, 85-91.	0.4	5

#	ARTICLE	IF	CITATIONS
716	Non-parametric sign prediction of high-dimensional correlation matrix coefficients. Europhysics Letters, 2021, 133, 48001.	0.7	7
717	Default clustering of the nonfinancial sector and systemic risk: Evidence from China. Economic Modelling, 2021, 96, 196-208.	1.8	13
718	The Influence of Information Diffusion on Interbank Risk Contagion. Complexity, 2021, 2021, 1-21.	0.9	3
719	Self-Organized Criticality in Economic Fluctuations: The Age of Maturity. Frontiers in Physics, 2021, 8, .	1.0	6
720	Disarray at the headquarters: Economists and Central bankers tested by the subprime and the COVID recessions. Industrial and Corporate Change, 2021, 30, 273-296.	1.7	2
721	Policy feedback and lock-in effects of new agricultural policy instruments: A qualitative comparative analysis of support for financial risk management tools in OECD countries. Land Use Policy, 2021, 103, 105313.	2.5	9
723	Finance, climate-change and radical uncertainty: Towards a precautionary approach to financial policy. Ecological Economics, 2021, 183, 106957.	2.9	96
724	Modeling financial distress propagation on customerâ€™supplier networks. Chaos, 2021, 31, 053119.	1.0	3
725	The South African small banksâ€™ crisis of 2002/3. Economic History of Developing Regions, 2021, 36, 313-338.	0.4	5
726	Evaluating structural edge importance in temporal networks. EPJ Data Science, 2021, 10, .	1.5	3
727	Analysis of global stock marketsâ€™ connections with emphasis on the impact of COVID-19. Physica A: Statistical Mechanics and Its Applications, 2021, 569, 125774.	1.2	21
728	Risk, efficiency and financial performance in the GCC banking industry: Islamic versus conventional banks. Journal of Islamic Accounting and Business Research, 2021, 12, 564-592.	1.1	12
729	From Symbols to Embeddings: A Tale of Two Representations in Computational Social Science. Journal of Social Computing, 2021, 2, 103-156.	1.5	8
730	Post COVID-19 financial distress in Pakistan: Prediction of corporate defaults at Pakistan Stock Exchange. Liberal Arts and Social Sciences International Journal (lassij), 2021, 5, 286-400.	0.1	4
731	Time-resolved topological data analysis of market instabilities. Physica A: Statistical Mechanics and Its Applications, 2021, 571, 125816.	1.2	9
732	Nature-Inspired Chemical Engineering for Process Intensification. Annual Review of Chemical and Biomolecular Engineering, 2021, 12, 187-215.	3.3	21
733	Systemic risk and food security. Emerging trends and future avenues for research. Global Food Security, 2021, 29, 100547.	4.0	26
734	Mitigation strategies against cascading failures within a project activity network. Journal of Computational Social Science, 0, , 1.	1.4	0

#	ARTICLE	IF	CITATIONS
735	Understanding systemic risk induced by climate change. <i>Advances in Climate Change Research</i> , 2021, 12, 384-394.	2.1	33
736	Lord Robert May of Oxford OM. 8 January 1936–28 April 2020. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 0, , .	0.1	0
737	Climate risks and financial stability. <i>Journal of Financial Stability</i> , 2021, 54, 100867.	2.6	124
738	Modelling nonlinear dynamics of interacting tipping elements on complex networks: the PyCascades package. <i>European Physical Journal: Special Topics</i> , 2021, 230, 3163-3176.	1.2	8
739	Sustainability and risk – a review of energy security. <i>Sustainable Production and Consumption</i> , 2021, 27, 1195-1204.	5.7	54
740	Measuring the systemic risk in indirect financial networks. <i>European Journal of Finance</i> , 2022, 28, 1053-1098.	1.7	9
741	Portfolio Correlations in the Bank-Firm Credit Market of Japan. <i>Computational Economics</i> , 2022, 60, 529-569.	1.5	3
742	The financial reporting system – what is it?. <i>Accounting and Business Research</i> , 2021, 51, 459-480.	1.0	5
743	Stochastic actor-oriented modelling of the impact of COVID-19 on financial network evolution. <i>Stat</i> , 2021, 10, e408.	0.3	6
744	Complex systems and – Spatio – Temporal Anti-Compliance Coordination – In cyber-physical networks: A critique of the Hipster Effect , bankruptcy prediction and alternative risk premia. <i>Cognitive Computation and Systems</i> , 2021, 3, 253-262.	0.8	0
746	A model of indirect contagion based on a news similarity network. <i>Journal of Complex Networks</i> , 2021, 9, .	1.1	2
747	The impact of CoCo bonds on systemic risk considering liquidity risk. <i>Quantitative Finance</i> , 0, , 1-22.	0.9	2
748	How to establish a coordinated supervisory mechanism of internet finance companies in China?. <i>Canadian Journal of Administrative Sciences</i> , 2022, 39, 259-273.	0.9	1
749	A network characterization of the interbank exposures in Peru. <i>Latin American Journal of Central Banking</i> , 2021, 2, 100035.	0.7	1
750	Identification of information networks in stock markets. <i>Journal of Economic Dynamics and Control</i> , 2021, 131, 104217.	0.9	5
751	Portfolio similarity and asset liquidation in the insurance industry. <i>Journal of Financial Economics</i> , 2021, 142, 69-96.	4.6	40
752	Quenching, aging, and reviving in coupled dynamical networks. <i>Physics Reports</i> , 2021, 931, 1-72.	10.3	62
753	Multilayer financial networks and systemic importance: Evidence from China. <i>International Review of Financial Analysis</i> , 2021, 78, 101882.	3.1	29

#	ARTICLE	IF	CITATIONS
754	Eco-epidemiological scaling of Leptospirosis: Vulnerability mapping and early warning forecasts. <i>Science of the Total Environment</i> , 2021, 799, 149102.	3.9	11
755	Analysis of the Global Banking Network by Random Matrix Theory. <i>Frontiers in Physics</i> , 2021, 8, .	1.0	5
756	The Great Financial Crisis. , 2021, , 59-89.		1
757	A General Model of Dynamics on Networks with Graph Automorphism Lumping. <i>Studies in Computational Intelligence</i> , 2019, , 445-456.	0.7	4
759	Financial Networks. <i>Understanding Complex Systems</i> , 2014, , 311-321.	0.3	1
760	Interaction-Based Approach to Economics and Finance. <i>New Economic Windows</i> , 2014, , 161-203.	1.0	6
761	Complex Financial Networks and Systemic Risk: A Review. <i>Dynamic Modeling and Econometrics in Economics and Finance</i> , 2015, , 115-139.	0.4	24
762	The Financial System as a Nexus of Interconnected Networks. <i>Understanding Complex Systems</i> , 2016, , 195-229.	0.3	8
763	Portfolio Decision Technology for Designing Optimal Syndemic Management Strategies. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 223-234.	0.5	1
764	Minimization of Systemic Risk for Directed Network Using Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , 2017, , 3-16.	1.0	2
765	Network Effects and Systemic Risk in the Banking Sector. , 2017, , 59-78.		5
766	The Cooperative Banks Today in the EU Perspective. , 2018, , 201-229.		4
768	Descriptive Modeling of Systemic Banking Crises. <i>Lecture Notes in Computer Science</i> , 2012, , 67-80.	1.0	2
769	The Global Financial Markets: An Ultra-Large-Scale Systems Perspective. <i>Lecture Notes in Computer Science</i> , 2012, , 29-70.	1.0	20
770	How Unstable Are Complex Financial Systems? Analyzing an Inter-bank Network of Credit Relations. <i>New Economic Windows</i> , 2013, , 59-76.	1.0	2
771	Cooperation and stability for complex systems in resource-limited environments. <i>Theoretical Ecology</i> , 2020, 13, 239-250.	0.4	24
776	Economists and scientists: solve big societal problems by working together. <i>Nature</i> , 2020, 578, 489-489.	13.7	7
778	â€œKill Veniceâ€™: a systems thinking conceptualisation of urban life, economy, and resilience in tourist cities. <i>Humanities and Social Sciences Communications</i> , 2020, 7, .	1.3	22

#	ARTICLE	IF	CITATIONS
779	Deglobalization in a hyper-connected world. Palgrave Communications, 2020, 6, .	4.7	28
783	Universal transient behavior in large dynamical systems on networks. Physical Review Research, 2020, 2, .	1.3	23
784	Descendant distributions for the impact of mutant contagion on networks. Physical Review Research, 2020, 2, .	1.3	7
785	Linear stability analysis of large dynamical systems on random directed graphs. Physical Review Research, 2020, 2, .	1.3	19
786	Complexity and Human Society. , 2014, , 97-128.		2
787	Trust in the banking sector in Poland in comparison to global trends. Ekonomia I Prawo, 2020, 19, 319.	0.1	1
789	Efficient Switches in Biology and Computer Science. PLoS Computational Biology, 2017, 13, e1005100.	1.5	11
790	Investment Strategies Used as Spectroscopy of Financial Markets Reveal New Stylized Facts. PLoS ONE, 2011, 6, e24391.	1.1	16
791	A Network Analysis of Countries'™ Export Flows: Firm Grounds for the Building Blocks of the Economy. PLoS ONE, 2012, 7, e47278.	1.1	132
792	Portfolio Decision Analysis Framework for Value-Focused Ecosystem Management. PLoS ONE, 2013, 8, e65056.	1.1	55
793	Reduction of Systemic Risk by Means of Pigouvian Taxation. PLoS ONE, 2015, 10, e0114928.	1.1	8
794	Agent-Based Mapping of Credit Risk for Sustainable Microfinance. PLoS ONE, 2015, 10, e0126447.	1.1	6
795	DebtRank: A Microscopic Foundation for Shock Propagation. PLoS ONE, 2015, 10, e0130406.	1.1	97
796	Mapping Systemic Risk: Critical Degree and Failures Distribution in Financial Networks. PLoS ONE, 2015, 10, e0130948.	1.1	9
797	Entangling Credit and Funding Shocks in Interbank Markets. PLoS ONE, 2016, 11, e0161642.	1.1	24
798	Why remodeling of risk management Practices in banking is required? Evidence from Pakistan. International Journal of Scientific and Engineering Research, 2018, 9, 686-691.	0.1	4
799	As pol�ticas cient�ficas na era do conhecimento: uma an�lise de conjuntura sobre o ecossistema cient�fico global. Perspectivas Em Ciencia Da Informacao, 2019, 24, 191-215.	0.1	11
800	The Differential Impact of Bank Size on Systemic Risk. Finance and Economics Discussion Series, 2018, .	0.2	1

#	ARTICLE	IF	CITATIONS
802	Too interconnected to fail: a survey of the interbank networks literature. <i>Journal of Network Theory in Finance</i> , 2015, 1, 1-50.	0.7	55
803	Network centrality, failure prediction and systemic risk. <i>Journal of Network Theory in Finance</i> , 2015, 1, 73-97.	0.7	4
804	Structural changes in the interbank market across the financial crisis from multiple core-periphery analysis. <i>Journal of Network Theory in Finance</i> , 2018, 4, 33-51.	0.7	12
805	What do central counterparty default funds really cover? A network-based stress test answer. <i>Journal of Network Theory in Finance</i> , 2018, 4, 43-57.	0.7	9
806	Credit Contagion in Financial Markets: A Network-Based Approach. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8
807	A Network Model of Financial System Resilience. <i>SSRN Electronic Journal</i> , 0, , .	0.4	11
808	Financial Fragility and Contagion in Interbank Networks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8
809	When Micro Prudence Increases Macro Risk: The Destabilizing Effects of Financial Innovation, Leverage, and Diversification. <i>SSRN Electronic Journal</i> , 0, , .	0.4	16
810	Call for a Spatial Classification of Banking Systems through the Lens of SME Finance – Decentralized versus Centralized Banking in Germany as an Example. <i>SSRN Electronic Journal</i> , 0, , .	0.4	14
811	Dynamical Macro-Prudential Stress Testing Using Network Theory. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
812	Liability Concentration and Losses in Financial Networks: Comparisons via Majorization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
813	Virtual Water Trade and Country Vulnerability: A Network Perspective. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
814	Cluster Analysis of Vietnamese Banks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
815	Conflicts of Interest; And the Existence of Anti-Compliance Coordination and Un-Cooperative Un-Documented Strategic Alliances Among Nigerian Financial Services Companies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
816	Understanding the Shift from Micro to Macro-Prudential Thinking: A Discursive Network Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
817	Identifying Contagion in a Banking Network. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
818	Identifying Contagion in a Banking Network. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
819	A Proposed Risk Modeling Shift from the Approach of Stochastic Differential Equation towards Machine Learning Clustering: Illustration with the Concepts of Anticipative & Responsible VaR. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3

#	ARTICLE	IF	CITATIONS
820	Portfolio Similarity and Asset Liquidation in the Insurance Industry. SSRN Electronic Journal, 0, , .	0.4	10
821	Network Structure Reveals Patterns of Legal Complexity in Human Society: The Case of the Constitutional Legal Network. SSRN Electronic Journal, 0, , .	0.4	1
822	The Dynamical Mechanism for SMEs Evolution Under the Hologram Approach. SSRN Electronic Journal, 0, , .	0.4	3
823	Has Regulatory Capital Made Banks Safer? Skin in the Game vs Moral Hazard. SSRN Electronic Journal, 0, , .	0.4	1
824	Unravelling Economic Solidarity: A Systemic View on Risk-Sharing in the European Banking Sector. SSRN Electronic Journal, 0, , .	0.4	1
825	Non-Performing Loans and Systemic Risk in Financial Networks. SSRN Electronic Journal, 0, , .	0.4	4
826	Backtesting Macroprudential Stress Tests. SSRN Electronic Journal, 0, , .	0.4	1
827	Identification of Information Networks in Stock Markets. SSRN Electronic Journal, 0, , .	0.4	1
828	An Analysis of Stability of Inter-bank Loan Network: A Simulated Network Approach. , 2017, , .		2
830	MACHINE LEARNING METHODS FOR SYSTEMIC RISK ANALYSIS IN FINANCIAL SECTORS. Technological and Economic Development of Economy, 2019, 25, 716-742.	2.3	202
831	La th�orie �conomique dans la crise. Revue Economique, 2012, Vol. 63, 421-436.	0.1	4
833	Dysfunctional Markets: A Spray of Prey Perspective. Journal of Economic Issues, 2021, 55, 797-819.	0.3	0
834	Evolving efficiency and robustness of the international oil trade network. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 103401.	0.9	11
835	An Epidemiological Model of Economic Crisis Spread across Sectors in the United States. Journal of Money, Credit and Banking, 2022, 54, 885-919.	0.9	1
836	Temperature increase drives critical slowing down of fish ecosystems. PLoS ONE, 2021, 16, e0246222.	1.1	4
837	Equilibria and Systemic Risk in Saturated Networks. Mathematics of Operations Research, 2022, 47, 1781-1801.	0.8	6
838	Securitisation special purpose entities, bank sponsors and derivatives. Journal of International Financial Markets, Institutions and Money, 2021, , 101452.	2.1	3
839	Investment Strategies Used as Spectroscopy of Financial Markets Reveal New Stylized Facts. SSRN Electronic Journal, 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
840	Designing Ecosystems. , 2012, , 143-192.		0
841	The Micro, Macro and International Design of Financial Regulation. SSRN Electronic Journal, 0, , .	0.4	0
842	Strategies Used as Spectroscopy of Financial Markets Reveal New Stylized Facts. SSRN Electronic Journal, 0, , .	0.4	0
843	Whither Capitalism? Financial Externalities and Crisis. , 2012, , 131-153.		0
844	Financial Innovation, Structuring and Risk Transfer. SSRN Electronic Journal, 0, , .	0.4	0
845	Mapping Financial Literacy: Cognition and the Environment. SSRN Electronic Journal, 0, , .	0.4	0
846	Risk of the collapse of a bank credit network. Transactions of the Japanese Society for Artificial Intelligence, 2012, 27, 338-345.	0.1	2
847	Surgical Management of Choke by a Tricho-Phytobezoar in a Crossbred Cow. Journal of Veterinary Advances, 2013, 3, 135.	0.1	1
848	A Theory of Government Intervention and Financial Fragility. SSRN Electronic Journal, 0, , .	0.4	0
849	Modeling Systemic Risks in Financial Markets. SSRN Electronic Journal, 0, , .	0.4	0
850	What Can a Discretionary Bailout Policy Do to Stabilize a Banking System after a Systemic Credit Event?. SSRN Electronic Journal, 0, , .	0.4	0
851	Economics 2.0: The Natural Step Towards a Self-Regulating, Participatory Market Society. SSRN Electronic Journal, 0, , .	0.4	2
852	International Banking, Asia and Europe. , 2013, , 277-296.		0
853	Policy in Adaptive Financial Markets â€” The Use of Systemic Risk Early Warning Tools. SSRN Electronic Journal, 0, , .	0.4	1
855	Economics on the Models of Social Networks. SSRN Electronic Journal, 0, , .	0.4	0
856	Liquidity-Switch Effect and Stability of Banking System. SSRN Electronic Journal, 0, , .	0.4	0
857	Human Computation-Enabled Network Analysis for a Systemic Credit Risk Rating. , 2013, , 215-245.		2
858	The complex adaptive system: A new integrative framework for understanding and managing the world forest. , 2013, , 341-355.		1

#	ARTICLE	IF	CITATIONS
860	A Numerical Simulation Approach to Study Systemic Risk in Banking Systems. SSRN Electronic Journal, 0, , .	0.4	0
861	Systemic Risks and Resilience of Global Financial Networks. , 0, , .		0
862	Multiple Choices: Economic Policies in Crisis. , 2014, , 281-308.		0
863	Network Formation and Financial Fragility. SSRN Electronic Journal, 0, , .	0.4	2
864	Network Formation and Financial Fragility. SSRN Electronic Journal, 0, , .	0.4	1
865	The Production of Investment Returns in Spatially Extensive Financial Markets. SSRN Electronic Journal, 0, , .	0.4	1
866	Developing Agent-Based Models of Business Relations and Networks. , 2014, , 129-156.		0
868	Adam Smith au-delÀ de sa caricature nÃ©olibÃ©raleÂ: suggestions rÃ©glementaires et Ã©thiques pour la banque, la finance et lâ€™Ã©conomie. , 2014, 16, .	0.0	0
869	Heavily Interconnected Economies Are Vulnerable to Shocks. Physics Magazine, 0, 7, .	0.1	0
870	Competition in Financial Services. SSRN Electronic Journal, 0, , .	0.4	0
871	Stock Price Related Financial Fragility and Growth Patterns. SSRN Electronic Journal, 0, , .	0.4	0
872	Financial Institutions Externalities and Systemic Risk: Tales of Tails Symmetry. SSRN Electronic Journal, 0, , .	0.4	0
874	Agent-Based Mapping of Credit Risk for Sustainable Microfinance. SSRN Electronic Journal, 0, , .	0.4	0
875	Stock Price Related Financial Fragility and Growth Patterns. SSRN Electronic Journal, 0, , .	0.4	0
877	High Quality Securitisation and EU Capital Markets Union Is it Possible?. SSRN Electronic Journal, 0, , .	0.4	0
878	Financial Markets and Regulatory Accountability: Between Technocratic Autonomy and Democratic Direction. , 2015, , 209-234.		0
879	How Economics Got It Wrong: Formalism, Equilibrium Modelling and Pseudo-Optimization in Banking Regulatory Studies. SSRN Electronic Journal, 0, , .	0.4	0
880	Economic Crises: Natural or Unnatural Catastrophes?. Studies in Economic Theory, 2016, , 623-649.	0.0	0

#	ARTICLE	IF	CITATIONS
881	A Minimal Agent-Based Model Reproduces the Overall Topology of Interbank Networks. SSRN Electronic Journal, 0, , .	0.4	0
883	A világi kereskedelem hálózati vizsgálatának lehetőségei. Kereskedelmi Szemle, 2016, 63, 79-98.		0
884	Macroprudential Policy: A Blessing or a Curse?. SSRN Electronic Journal, 0, , .	0.4	3
885	A Brief History of Building Societies. , 2016, , 23-44.		1
887	Von mikro- zu makroprudenzieller Regulierung. , 2017, , 449-475.		0
889	Introducing the HFTE Model: A Multi-Species Predator Prey Ecosystem for High Frequency Quantitative Financial Strategies. SSRN Electronic Journal, 0, , .	0.4	1
890	Mean-Field Games and Ambiguity Aversion. SSRN Electronic Journal, 0, , .	0.4	0
891	Optimization of Joint Sales Potential Using Genetic Algorithm. Lecture Notes in Computer Science, 2017, , 125-136.	1.0	1
892	Reverse Stress Testing Interbank Networks. SSRN Electronic Journal, 0, , .	0.4	0
893	Domestic Cycles, Financial Cycles, and Policies. What Has Gone Wrong?. SSRN Electronic Journal, 0, , .	0.4	0
894	Analyzing Relationships Among Financial Items of Banks' Balance Sheets. Evolutionary Economics and Social Complexity Science, 2017, , 257-277.	0.4	0
895	Deciphering Price Formation in the High Frequency Domain: Systems & Evolutionary Dynamics As Keys for Construction of the High Frequency Trading Ecosystem.. SSRN Electronic Journal, 0, , .	0.4	1
896	Structural instability of large-scale functional networks. PLoS ONE, 2017, 12, e0181247.	1.1	1
897	Computer Simulation and Agent-Based Models as a Research Method. , 2018, , 377-398.		0
899	Stability analysis of the banking system: a complex systems approach. Journal of International Studies, 2017, 10, 273-284.	0.7	4
901	Agent-Based Modeling of Economic Instability. Studies in Computational Intelligence, 2018, , 255-265.	0.7	1
902	Interbank Runs: A Network Model of Systemic Liquidity Crunches. SSRN Electronic Journal, 0, , .	0.4	1
903	Financial Bridges and Network Communities. SSRN Electronic Journal, 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
905	Financial complex network model based on textual mutual information. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 148901.	0.2	3
906	Credit Rating Migration Risk and Interconnectedness in a Corporate Lending Network. SSRN Electronic Journal, 0, , .	0.4	0
907	Cooperative Mitigation of Contagion in Financial Networks. SSRN Electronic Journal, 0, , .	0.4	0
908	Portfolio Correlations in the Bank-Firm Credit Market of Japan. SSRN Electronic Journal, 0, , .	0.4	0
909	Market-Based Finance, Debt and Systemic Risk: A Critique of the EU Capital Markets Union. SSRN Electronic Journal, 0, , .	0.4	0
910	An Epidemiological Model of Crisis Spread Across Sectors in the United States. SSRN Electronic Journal, 0, , .	0.4	0
911	: (Measuring and Managing Systemic Risks: A Survey and Proposals). SSRN Electronic Journal, 0, , .	0.4	0
912	Measuring and Managing Systemic Risks: A Survey and Proposals. Geum'yung Anjeong Yeon'gu, 2018, 19, 131-232.	0.0	0
915	Securing Finance: Risk, Pre-emption and Resilience. , 2019, , 121-151.		0
916	Un modelo interdisciplinario para la macroeconomía. Revista De Economía Institucional, 2018, 21, 69-110.	0.3	0
917	Too Fragile. , 2019, , 47-52.		0
918	Savings, Finance, and Capital for Entrepreneurial Ventures. International Studies in Entrepreneurship, 2019, , 53-72.	0.6	0
919	Multiple Games Analysis: A Petri Dish for Growing Polycentric Orders. SSRN Electronic Journal, 0, , .	0.4	0
920	On Rank-Size Distribution of Local Government Debt. SSRN Electronic Journal, 0, , .	0.4	1
922	Lost in Diversification. SSRN Electronic Journal, 0, , .	0.4	0
923	Agent-based Modeling as Quintessential Tool for Open-ended Social Theorizing. SSRN Electronic Journal, 0, , .	0.4	0
924	Bubbles. , 2019, , 69-75.		0
925	Systematic Risk Contagion Mechanism and Modeling Based on Multi-Layer Financial Network between Banks and Firms. Finance, 2019, 09, 350-364.	0.0	0

#	ARTICLE	IF	CITATIONS
927	Data-Driven Models & Mathematical Finance: Opposition or Apposition?. SSRN Electronic Journal, 0, , .	0.4	0
929	Heterogeneous Risk Behaviour of Bank Holding Companies after the Dodd-Frank Act. SSRN Electronic Journal, 0, , .	0.4	0
931	Bancos en Colombia: ¿Qué tan homogéneos son?. Revista De Economía Del Rosario, 2020, 23, 1-42.	0.3	0
934	The Importance of Regions on Debt Networks. , 0, , .		0
935	Complex and Entangled Public Policy: Here Be Dragons. Studies in Public Choice, 2021, , 41-62.	0.0	0
936	FinTech. Advances in Information Security, 2021, , 99-154.	0.9	1
937	Time-Resolved Topological Data Analysis of Market Instabilities. SSRN Electronic Journal, 0, , .	0.4	1
938	Bank Heterogeneity and Financial Stability. SSRN Electronic Journal, 0, , .	0.4	0
940	A Holistic Approach to Financial Data Science: <i>Data, Technology, and Analytics</i>. The Journal of Financial Data Science, 2020, 2, 64-84.	0.9	1
941	Managing the financial risks of climate change and pandemics: What we know (and don't know). One Earth, 2021, 4, 1375-1385.	3.6	19
942	Diversification and Systemic Risk of Networks Holding Common Assets. Computational Economics, 2023, 61, 341-388.	1.5	3
944	Contagious Herding and Endogenous Network Formation in Financial Networks. SSRN Electronic Journal, 0, , .	0.4	2
945	Banking Diversity, Financial Complexity and Resilience to Financial Shocks: Evidence from Italian Provinces. SSRN Electronic Journal, 0, , .	0.4	0
946	A Fate Worse Than Warming? Stratospheric Aerosol Injection and Global Catastrophic Risk. Frontiers in Climate, 2021, 3, .	1.3	13
947	A study of interconnections and contagion among Chinese financial institutions using a $$\hat{\rho}$ network. Finance Research Letters, 2022, 45, 102395.$	3.4	11
948	Bank Credit and Money Creation on Payment Networks: A Structural Analysis of Externalities and Key Players. SSRN Electronic Journal, 0, , .	0.4	0
949	Lord Robert May of Oxford 1936-2020. Historical Records of Australian Science, 2022, 33, 42-53.	0.3	1
950	Assessing the interconnectedness and systemic risk contagion in the Chinese banking network. International Journal of Emerging Markets, 2022, 17, 889-913.	1.3	2

#	ARTICLE	IF	CITATIONS
951	Regulatory technology (Reg-Tech) in financial stability supervision: Taxonomy, key methods, applications and future directions. <i>International Review of Financial Analysis</i> , 2022, 80, 102023.	3.1	14
952	The Effects of Regional Banks on Economic Resilience during the COVID-19 Pandemic and the Global Financial Crisis A Cross-Country Comparison of the European Countries. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
953	Critical Transitions in Ecosystems and Society. The Contribution of Sociological Systems Theory to the Analysis of Socio-Environmental Transformations. <i>Frontiers in Sociology</i> , 2021, 6, 763453.	1.0	4
954	Dynamical systems on large networks with predator-prey interactions are stable and exhibit oscillations. <i>Physical Review E</i> , 2022, 105, 014305.	0.8	8
955	A model for cascading failures with the probability of failure described as a logistic function. <i>Scientific Reports</i> , 2022, 12, 989.	1.6	1
956	Bacteria are better predictive biomarkers of environmental estrogen transmission than fungi. <i>Environmental Pollution</i> , 2022, 298, 118838.	3.7	1
957	Propagation of Disruptions in Supply Networks of Essential Goods: A Population-Centered Perspective of Systemic Risk. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
958	Ecosystem-based adaptation approach: concept and its ingredients. , 2022, , 105-141.		2
959	The impact of CoCo bonds on banking system's net value. <i>Finance Research Letters</i> , 2022, , 102743.	3.4	0
960	Assessing systemic risk in financial markets using dynamic topic networks. <i>Scientific Reports</i> , 2022, 12, 2668.	1.6	9
961	Counting equilibria in a random non-gradient dynamics with heterogeneous relaxation rates. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 144001.	0.7	8
962	Digital Ecosystems as a Way to Achieve Competitive Advantages in the Financial Market: System Analysis of the Problem. <i>ModernizaciÅ¡, InovaciÅ¡, Razvitie</i> , 2022, 13, 42-59.	0.1	3
963	NETWORK RESILIENCE IN THE FINANCIAL SECTORS: ADVANCES, KEY ELEMENTS, APPLICATIONS, AND CHALLENGES FOR FINANCIAL STABILITY REGULATION. <i>Technological and Economic Development of Economy</i> , 2022, 28, 531-558.	2.3	11
964	An adaptive dynamical model of default contagion. <i>Quantitative Finance</i> , 0, , 1-11.	0.9	0
965	The effect of technology and regulation on the co-evolution of product and industry architecture. <i>Industrial and Corporate Change</i> , 0, , .	1.7	1
966	Backtesting macroprudential stress tests. <i>Journal of Economic Dynamics and Control</i> , 2022, 137, 104333.	0.9	3
967	Systemic risks in electricity systems: A perspective on the potential of digital technologies. <i>Energy Policy</i> , 2022, 164, 112901.	4.2	12
968	Financial stability and network complexity: A random matrix approach. <i>International Review of Economics and Finance</i> , 2022, 80, 177-185.	2.2	2

#	ARTICLE	IF	CITATIONS
969	Portfolio insurers and constant weight traders: who will survive?. Quantitative Finance, 2021, 21, 1993-2004.	0.9	1
970	Connectedness and systemic risk of the banking industry along the Belt and Road. Journal of Management Science and Engineering, 2022, 7, 303-329.	1.9	9
971	Characterizing cycle structure in complex networks. Communications Physics, 2021, 4, .	2.0	34
972	The performance of cooperation strategies for enhancing the efficiency of international oil trade networks. Journal of Complex Networks, 2021, 10, .	1.1	3
973	Effect of load-capacity heterogeneity on cascading overloads in networks. Chaos, 2021, 31, 123104.	1.0	6
974	Systemic liquidity contagion in the European interbank market. Journal of Economic Interaction and Coordination, 0, , 1.	0.4	5
975	On Optimal Clearing Payments in Financial Networks. , 2021, , .		2
976	Uncertainty, Non-Linear Contagion and the Credit Quality Channel: An Application to the Spanish Interbank Market. SSRN Electronic Journal, 0, , .	0.4	2
977	Transaction Network Structural Shift under Crisis: Macro and Micro Perspectives. Economies, 2022, 10, 56.	1.2	7
978	A Safe Governance Space for Humanity: Necessary Conditions for the Governance of Global Catastrophic Risks. Global Policy, 2022, 13, 792-807.	1.0	2
981	Global Systems Science. , 0, , 90-103.		1
983	Risk analysis of China's stock markets based on topological data structures. Procedia Computer Science, 2022, 202, 203-216.	1.2	2
984	The Roles of Information Diffusion on Financial Risk Spreading on Two-Layer Networks. Frontiers in Physics, 2022, 10, .	1.0	0
985	Financial Contagion in an Age of COVID-19: On Biological, Human, and Algorithmic Mimesis. CounterText, 2022, 8, 206-226.	0.1	0
986	From systematic to systemic risk among G7 members: Do the stock or real estate markets matter?. Journal of International Financial Markets, Institutions and Money, 2022, 79, 101594.	2.1	6
989	The Linear Relationship Model with LASSO for Studying Stock Networks. Entropy, 2022, 24, 808.	1.1	0
990	Regulation and crises: A concave story. North American Journal of Economics and Finance, 2022, 62, 101740.	1.8	1
991	The Effect of Tariffs on Spanish Goods Exports. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
992	Systemic Risk and Resilience: The Bronze Age Collapse and Recovery. <i>Risk, Systems and Decisions</i> , 2022, , 207-223.	0.5	3
993	Banking diversity, financial complexity and resilience to financial shocks: evidence from Italian provinces. <i>International Review of Applied Economics</i> , 0, , 1-65.	1.3	1
994	Network Robustness Revisited. <i>Frontiers in Physics</i> , 0, 10, .	1.0	3
995	Exploring risks in syndicated loan networks: Evidence from real estate investment trusts. <i>Economic Modelling</i> , 2022, 115, 105953.	1.8	3
996	Network structural origin of instabilities in large complex systems. <i>Science Advances</i> , 2022, 8, .	4.7	10
997	Measuring corporate diversity in financial services: a diversity index. <i>International Review of Applied Economics</i> , 2022, 36, 308-337.	1.3	3
998	Regulation, financial crises, and liberalization traps. <i>Journal of Financial Stability</i> , 2022, 63, 101060.	2.6	3
999	Score Driven Generalized Fitness Model for Sparse and Weighted Temporal Networks. <i>Information Sciences</i> , 2022, , .	4.0	0
1000	Simulation of Systemic Risk as a Consequence of Fire Sales: Application to EU Banking Sector. <i>Politicka Ekonomie</i> , 2022, 70, 440-476.	0.1	1
1001	Resilienz und resiliente Stadt. , 2022, , 33-58.		0
1002	Taking a moment to measure networksâ€™ an approach to species conservation. <i>Landscape Ecology</i> , 0, , .	1.9	1
1003	Systemic risks in supply chains: a need for system-level governance. <i>Supply Chain Management</i> , 2023, 28, 682-694.	3.7	5
1004	The Resilience of Plantâ€™Pollinator Networks. <i>Annual Review of Entomology</i> , 2023, 68, 363-380.	5.7	17
1005	Systemic risk models for disjoint and overlapping groups with equilibrium strategies. <i>Statistics and Risk Modeling</i> , 2022, .	0.7	1
1006	An Adaptive Contagion Mapping Methodology. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1007	Supply Chain Finance: A Research Review and Prospects Based on a Systematic Literature Analysis from a Financial Ecology Perspective. <i>Sustainability</i> , 2022, 14, 14452.	1.6	3
1008	Imaginary failure: RegTech in finance. <i>New Political Economy</i> , 2023, 28, 468-482.	2.7	1
1009	Payment Scheduling in the Interval Debt Model. <i>Lecture Notes in Computer Science</i> , 2023, , 267-282.	1.0	0

#	ARTICLE	IF	CITATIONS
1010	Close to the Edge: From Crisis To <i>Critical Transitions</i> in Social Systems Theory. Soziale Systeme: Zeitschrift FÅœr Soziologische Theorie, 2022, 25, 251-276.	0.1	0
1011	Random fixed points, systemic risk and resilience of heterogeneous financial network. Annals of Operations Research, 0, , .	2.6	1
1012	Fragility Induced by Interdependency of Complex Networks and Their Higher-Order Networks. Entropy, 2023, 25, 22.	1.1	3
1013	Social Distancing Network Creation. Algorithmica, 0, , .	1.0	0
1014	Risk contagion of bank-firm loan network: evidence from China. Eurasian Business Review, 2023, 13, 341-361.	2.5	8
1015	A Dynamical Model with Time Delay for Risk Contagion. Mathematics, 2023, 11, 425.	1.1	4
1016	Fair immunization and network topology of complex financial ecosystems. Physica A: Statistical Mechanics and Its Applications, 2023, 612, 128456.	1.2	3
1017	The financial network channel of monetary policy transmission: an agent-based model. Journal of Economic Interaction and Coordination, 0, , .	0.4	1
1018	An evolution of global and regional banking networks: A focus on Japanese banksâ€™ international expansion. Journal of International Financial Markets, Institutions and Money, 2023, 83, 101717.	2.1	2
1019	Response diversity as a sustainability strategy. Nature Sustainability, 2023, 6, 621-629.	11.5	12
1021	An interpretable machine-learned model for international oil trade network. Resources Policy, 2023, 82, 103513.	4.2	3
1022	Credit risk contagion and optimal dual controlâ€™An SIS/R model. Mathematics and Computers in Simulation, 2023, 210, 448-472.	2.4	1
1023	Panic and propagation in 1873: A network analytic approach. Journal of Banking and Finance, 2023, 151, 106844.	1.4	0
1024	Modeling the impact of external influence on green behaviour spreading in multilayer financial networks. , 2022, , .		1
1025	Predicting the cascading dynamics in complex networks via the bimodal failure size distribution. Chaos, 2023, 33, 023137.	1.0	0
1026	Legitimacy and the extraordinary growth of ESG measures and metrics in the global investment management industry. Environment and Planning A, 0, , 0308518X2311554.	2.1	4
1027	Microprudential bank capital regulation in a complex system. Heliyon, 2023, 9, e14118.	1.4	1
1028	Polanyiâ€™s discovery of society and the digital phase of the industrial revolution. European Journal of Social Theory, 2024, 27, 78-96.	1.6	1

#	ARTICLE	IF	CITATIONS
1029	Systemic risk prediction based on Savitzky-Golay smoothing and temporal convolutional networks. Electronic Research Archive, 2023, 31, 2667-2688.	0.4	2
1030	Understanding and governing global systemic crises in the 21st century: A complexity perspective. Global Policy, 2023, 14, 207-228.	1.0	5
1031	Transport collapse in dynamically evolving networks. Journal of the Royal Society Interface, 2023, 20, .	1.5	0
1033	Specialization in Banking. SSRN Electronic Journal, 0, , .	0.4	0
1034	Science strengthened banks "but how long will stability last?. Nature, 0, , .	13.7	0
1036	Effect of weather and environmental attentions on financial system risks: Evidence from Chinese high- and low-carbon assets. Energy Economics, 2023, 121, 106680.	5.6	9
1039	Shaping a resilient future in response to COVID-19. Nature Sustainability, 2023, 6, 897-907.	11.5	7
1047	The role of complexity for digital twins of cities. Nature Computational Science, 2023, 3, 374-381.	3.8	12
1050	Westliches Denken in seiner Bestform: Systemtheorie und Psychologie. , 2023, , 81-118.		0
1069	Contagion in Decentralized Lending Protocols: A Case Study of Compound. , 2023, , .		0
1070	Hops, Skip, and a Jump: The Regional Uniqueness of Beer Styles. , 2023, , 319-339.		0