

Frank Schweitzer

List of Publications by Citations

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

177
papers

5,610
citations

36
h-index

71
g-index

203
ext. papers

6,589
ext. citations

2.7
avg, IF

6.09
L-index

#	Paper	IF	Citations
177	How social influence can undermine the wisdom of crowd effect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9020-5	11.5	550
176	Economic networks: the new challenges. <i>Science</i> , 2009 , 325, 422-5	33.3	537
175	A model of a trust-based recommendation system on a social network. <i>Autonomous Agents and Multi-Agent Systems</i> , 2008 , 16, 57-74	2	229
174	Complex Motion of Brownian Particles with Energy Depots. <i>Physical Review Letters</i> , 1998 , 80, 5044-5047	7.4	198
173	Active walker model for the formation of human and animal trail systems. <i>Physical Review E</i> , 1997 , 56, 2527-2539	2.4	176
172	Ak-shell decomposition method for weighted networks. <i>New Journal of Physics</i> , 2012 , 14, 083030	2.9	160
171	Causality-driven slow-down and speed-up of diffusion in non-Markovian temporal networks. <i>Nature Communications</i> , 2014 , 5, 5024	17.4	156
170	Bats are able to maintain long-term social relationships despite the high fission-fusion dynamics of their groups. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 2761-7	4.4	153
169	Brownian particles far from equilibrium. <i>European Physical Journal B</i> , 2000 , 15, 105-113	1.2	149
168	Systemic risk in a unifying framework for cascading processes on networks. <i>European Physical Journal B</i> , 2009 , 71, 441-460	1.2	115
167	Active Brownian particles with energy depots modeling animal mobility. <i>BioSystems</i> , 1999 , 49, 17-29	1.9	114
166	Predicting scientific success based on coauthorship networks. <i>EPJ Data Science</i> , 2014 , 3,	3.4	93
165	Modelling collective opinion formation by means of active Brownian particles. <i>European Physical Journal B</i> , 2000 , 15, 723-732	1.2	93
164	Phase transitions in social impact models of opinion formation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 285, 199-210	3.3	92
163	Social signals and algorithmic trading of Bitcoin. <i>Royal Society Open Science</i> , 2015 , 2, 150288	3.3	91
162	Betweenness preference: quantifying correlations in the topological dynamics of temporal networks. <i>Physical Review Letters</i> , 2013 , 110, 198701	7.4	86
161	Decelerating microdynamics can accelerate macrodynamics in the voter model. <i>Physical Review Letters</i> , 2008 , 101, 018701	7.4	80

160	SOCIAL IMPACT MODELS OF OPINION DYNAMICS 2001 , 253-273		79
159	Clustering of β -active-walkers in a two-component system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1994 , 206, 359-379	3.3	79
158	Emotional persistence in online chatting communities. <i>Scientific Reports</i> , 2012 , 2, 402	4.9	77
157	An agent-based model of collective emotions in online communities. <i>European Physical Journal B</i> , 2010 , 77, 533-545	1.2	77
156	Statistical mechanics of canonical-dissipative systems and applications to swarm dynamics. <i>Physical Review E</i> , 2001 , 64, 021110	2.4	76
155	Active random walkers simulate trunk trail formation by ants. <i>BioSystems</i> , 1997 , 41, 153-66	1.9	71
154	Social resilience in online communities 2013 ,		68
153	ECONOMIC NETWORKS: WHAT DO WE KNOW AND WHAT DO WE NEED TO KNOW?. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2009 , 12, 407-422	0.8	65
152	EVOLUTION OF COOPERATION IN A SPATIAL PRISONER'S DILEMMA. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2002 , 05, 269-299	0.8	64
151	The efficiency and stability of R&D networks. <i>Games and Economic Behavior</i> , 2012 , 75, 694-713	1.1	56
150	Positive words carry less information than negative words. <i>EPJ Data Science</i> , 2012 , 1,	3.4	53
149	Nonlinear voter models: the transition from invasion to coexistence. <i>European Physical Journal B</i> , 2009 , 67, 301-318	1.2	50
148	Categorizing bugs with social networks: A case study on four open source software communities 2013 ,		49
147	Personalised and dynamic trust in social networks 2009 ,		49
146	ON SPATIAL CONSENSUS FORMATION: IS THE SZNAJD MODEL DIFFERENT FROM A VOTER MODEL?. <i>International Journal of Modern Physics C</i> , 2003 , 14, 1331-1354	1.1	49
145	Sociophysics. <i>Physics Today</i> , 2018 , 71, 40-46	0.9	42
144	Thermodynamics of Finite Systems and the Kinetics of First-Order Phase Transitions. <i>Teubner-Texte Zur Physik</i> , 1988 ,		38
143	Ideological and Temporal Components of Network Polarization in Online Political Participatory Media. <i>Policy and Internet</i> , 2015 , 7, 46-79	2.6	36

142	Sentiment cascades in the 15M movement. <i>EPJ Data Science</i> , 2015 , 4,	3.4	36
141	Modeling vortex swarming in Daphnia. <i>Bulletin of Mathematical Biology</i> , 2007 , 69, 539-62	2.1	36
140	Understanding Popularity, Reputation, and Social Influence in the Twitter Society. <i>Policy and Internet</i> , 2017 , 9, 343-364	2.6	34
139	Estimation of megacity growth: simple rules versus complex phenomena. <i>Applied Geography</i> , 1998 , 18, 69-81	4.4	34
138	Coordination of decisions in a spatial agent model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002 , 303, 189-216	3.3	34
137	The role of endogenous and exogenous mechanisms in the formation of R&D networks. <i>Scientific Reports</i> , 2014 , 4, 5679	4.9	33
136	Recombinant knowledge and the evolution of innovation networks. <i>Journal of Economic Behavior and Organization</i> , 2011 , 79, 145-164	1.6	33
135	Uphill motion of active brownian particles in piecewise linear potentials. <i>European Physical Journal B</i> , 2000 , 14, 157-168	1.2	32
134	Directed motion of Brownian particles with internal energy depot. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999 , 273, 294-314	3.3	31
133	The Role of Emotions in Contributors Activity: A Case Study on the GENTOO Community 2013 ,		30
132	Optimization of road networks using evolutionary strategies. <i>Evolutionary Computation</i> , 1997 , 5, 419-384.3	4.3	30
131	Quantifying the effects of social influence. <i>Scientific Reports</i> , 2013 , 3, 1360	4.9	27
130	Systemic risk in multiplex networks with asymmetric coupling and threshold feedback. <i>Physica D: Nonlinear Phenomena</i> , 2016 , 323-324, 64-72	3.3	26
129	From Aristotle to Ringelmann: a large-scale analysis of team productivity and coordination in Open Source Software projects. <i>Empirical Software Engineering</i> , 2016 , 21, 642-683	3.3	26
128	Moving recommender systems from on-line commerce to retail stores. <i>Information Systems and E-Business Management</i> , 2012 , 10, 367-393	2.6	26
127	Political polarization and popularity in online participatory media 2012 ,		26
126	Quantifying the effect of editor-author relations on manuscript handling times. <i>Scientometrics</i> , 2017 , 113, 609-631	3	25
125	Swarms of particle agents with harmonic interactions. <i>Theory in Biosciences</i> , 2001 , 120, 207-224	1.3	25

124	Modelling Migration and Economic Agglomeration with Active Brownian Particles. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 1998 , 01, 11-37	0.8	25
123	SLOWER IS FASTER: FOSTERING CONSENSUS FORMATION BY HETEROGENEOUS INERTIA. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2008 , 11, 551-563	0.8	23
122	The epidemics of donations: logistic growth and power-laws. <i>PLoS ONE</i> , 2008 , 3, e1458	3.7	23
121	Tumor invasion optimization by mesenchymal-amoeboid heterogeneity. <i>Scientific Reports</i> , 2015 , 5, 10622	2.9	22
120	Dissonance Minimization as a Microfoundation of Social Influence in Models of Opinion Formation. <i>Journal of Mathematical Sociology</i> , 2014 , 38, 147-174	1.2	22
119	How random is social behaviour? Disentangling social complexity through the study of a wild house mouse population. <i>PLoS Computational Biology</i> , 2012 , 8, e1002786	5	22
118	Quantifying the impact of leveraging and diversification on systemic risk. <i>Journal of Financial Stability</i> , 2014 , 15, 43-52	2.8	21
117	Emotions in Product Reviews—Empirics and Models 2011 ,		21
116	A stochastic approach to nucleation in finite systems: Theory and computer simulations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1988 , 150, 261-279	3.3	20
115	Online privacy as a collective phenomenon 2014 ,		19
114	The dynamics of emotions in online interaction. <i>Royal Society Open Science</i> , 2016 , 3, 160059	3.3	19
113	Power law signature of media exposure in human response waiting time distributions. <i>Physical Review E</i> , 2010 , 81, 056101	2.4	18
112	Testing an agent-based model of bacterial cell motility: How nutrient concentration affects speed distribution. <i>European Physical Journal B</i> , 2011 , 82, 235-244	1.2	17
111	Innovation Networks. <i>Understanding Complex Systems</i> , 2009 ,	0.4	17
110	A Weighted Balance Model of Opinion Hyperpolarization. <i>Jasss</i> , 2020 , 23,	4.8	17
109	Self-assembling of networks in an agent-based model. <i>Physical Review E</i> , 2002 , 66, 026113	2.4	15
108	How damage diversification can reduce systemic risk. <i>Physical Review E</i> , 2016 , 93, 042313	2.4	14
107	International crop trade networks: the impact of shocks and cascades. <i>Environmental Research Letters</i> , 2019 , 14, 114013	6.2	14

106	The rise and fall of a central contributor: Dynamics of social organization and performance in the GENTOO community 2013 ,		14
105	Agent-based modeling of intracellular transport. <i>European Physical Journal B</i> , 2011 , 82, 245-255	1.2	14
104	COEXISTENCE OF SOCIAL NORMS BASED ON IN- AND OUT-GROUP INTERACTIONS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2007 , 10, 271-286	0.8	14
103	Non-stationary nucleation and cluster growth in quasi-binary non-ideal solutions. <i>Journal of Non-Crystalline Solids</i> , 1990 , 125, 129-138	3.9	14
102	Value of peripheral nodes in controlling multilayer scale-free networks. <i>Physical Review E</i> , 2016 , 93, 012309	2.4	13
101	The Link between Dependency and Cochange: Empirical Evidence. <i>IEEE Transactions on Software Engineering</i> , 2012 , 38, 1432-1444	3.5	13
100	Communication and Self-Organisation in Complex Systems: A Basic Approach. <i>Advances in Spatial Science</i> , 2001 , 275-296	0.4	13
99	Data-driven modeling of collaboration networks: a cross-domain analysis. <i>EPJ Data Science</i> , 2017 , 6,	3.4	12
98	Explicit size distributions of failure cascades redefine systemic risk on finite networks. <i>Scientific Reports</i> , 2018 , 8, 6878	4.9	12
97	How Big Is Too Big? Critical Shocks for Systemic Failure Cascades. <i>Journal of Statistical Physics</i> , 2013 , 151, 765-783	1.5	12
96	Aggregation Induced by Diffusing and Nondiffusing Media 1997 , 183-192		12
95	Diversity-induced resonance in the response to social norms. <i>Physical Review E</i> , 2013 , 87, 022803	2.4	11
94	Sustainable growth in complex networks. <i>Europhysics Letters</i> , 2011 , 96, 58005	1.6	11
93	The rise and fall of R&D networks. <i>Industrial and Corporate Change</i> , 2016 , dtw041	2.1	10
92	Active brownian particles: Artificial agents in physics 1997 , 358-371		10
91	AGGREGATE DYNAMICS IN AN EVOLUTIONARY NETWORK MODEL. <i>International Journal of Modern Physics C</i> , 2007 , 18, 1659-1674	1.1	10
90	Critical parameters for nucleation in finite systems. <i>Journal of Colloid and Interface Science</i> , 1987 , 119, 67-73	9.3	10
89	The mobility network of scientists: analyzing temporal correlations in scientific careers. <i>Applied Network Science</i> , 2020 , 5,	2.9	10

88	HOW CAN SOCIAL HERDING ENHANCE COOPERATION?. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2013 , 16, 1350017	0.8	9
87	OPTIMAL MIGRATION PROMOTES THE OUTBREAK OF COOPERATION IN HETEROGENEOUS POPULATIONS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012 , 15, 1250059	0.8	9
86	When the filter bubble bursts 2016 ,		8
85	The Network of Counterparty Risk: Analysing Correlations in OTC Derivatives. <i>PLoS ONE</i> , 2015 , 10, e0136638	0.7	8
84	Exploratory of society. <i>European Physical Journal: Special Topics</i> , 2012 , 214, 347-360	2.3	8
83	Investments in random environments. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 2035-2046	3.3	8
82	Citations driven by social connections? A multi-layer representation of coauthorship networks. <i>Quantitative Science Studies</i> , 2020 , 1, 1493-1509	3.8	8
81	Modeling Evolving Innovation Networks. <i>Understanding Complex Systems</i> , 2009 , 187-267	0.4	8
80	An agent-based model of multi-dimensional opinion dynamics and opinion alignment. <i>Chaos</i> , 2020 , 30, 093139	3.3	8
79	CONTROL CONTRIBUTION IDENTIFIES TOP DRIVER NODES IN COMPLEX NETWORKS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2019 , 22, 1950014	0.8	8
78	An Agent-Based Model of Opinion Polarization Driven by Emotions. <i>Complexity</i> , 2020 , 2020, 1-11	1.6	7
77	Neighborhood Approximations for Non-Linear Voter Models. <i>Entropy</i> , 2015 , 17, 7658-7679	2.8	7
76	HOW DO OSS PROJECTS CHANGE IN NUMBER AND SIZE? A LARGE-SCALE ANALYSIS TO TEST A MODEL OF PROJECT GROWTH. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2014 , 17, 1550008	0.8	7
75	Automated software modularization based on move refactoring 2014 ,		7
74	What Is the Entropy of a Social Organization?. <i>Entropy</i> , 2019 , 21, 901	2.8	6
73	Framework for cascade size calculations on random networks. <i>Physical Review E</i> , 2018 , 97, 042312	2.4	6
72	Quantifying knowledge exchange in R&D networks: a data-driven model. <i>Journal of Evolutionary Economics</i> , 2018 , 28, 461-493	1.9	6
71	A MODEL OF DYNAMIC REWIRING AND KNOWLEDGE EXCHANGE IN R&D NETWORKS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2016 , 19, 1650004	0.8	6

70	ENHANCING CONSENSUS UNDER OPINION BIAS BY MEANS OF HIERARCHICAL DECISION MAKING. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2013 , 16, 1350020	0.8	6
69	Software change dynamics 2009 ,		6
68	Reply to Farrell: Improved individual estimation success can imply collective tunnel vision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E626-E626	11.5	6
67	Stochastics of nucleation in isolated gases including carrier molecules. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1988 , 153, 573-591	3.3	6
66	Reproducing Scientists Mobility: A Data-Driven Model. <i>SSRN Electronic Journal</i> ,	1	6
65	An agent-based framework of active matter with applications in biological and social systems. <i>European Journal of Physics</i> , 2019 , 40, 014003	0.8	6
64	The spatial component of R&D networks. <i>Journal of Evolutionary Economics</i> , 2018 , 28, 417-436	1.9	6
63	Emotions and Activity Profiles of Influential Users in Product Reviews Communities. <i>Frontiers in Physics</i> , 2015 , 3,	3.9	5
62	The language-dependent relationship between word happiness and frequency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2983	11.5	5
61	Redistribution spurs growth by using a portfolio effect on risky human capital. <i>PLoS ONE</i> , 2013 , 8, e54904	4.7	5
60	RISK-SEEKING VERSUS RISK-AVOIDING INVESTMENTS IN NOISY PERIODIC ENVIRONMENTS. <i>International Journal of Modern Physics C</i> , 2008 , 19, 971-994	1.1	5
59	Multi-agent Model of Biological Swarming. <i>Lecture Notes in Computer Science</i> , 2003 , 810-820	0.9	5
58	Agents with Heterogeneous Strategies Interacting in a Spatial IPD. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2005 , 87-102	0.4	5
57	The Influence of Depletion Effects on Homogeneous Nucleation Rates. <i>Zeitschrift Fur Physikalische Chemie</i> , 1990 , 166, 119-123	3.1	5
56	Modelling Migration and Economic Agglomeration with Active Brownian Particles 2002 , 137-159		5
55	Coping with Information Overload through Trust-Based Networks. <i>Understanding Complex Systems</i> , 2008 , 273-300	0.4	5
54	The Rise and Fall of R&D Networks. <i>SSRN Electronic Journal</i> , 2016 ,	1	5
53	The interdependence of corporate reputation and ownership: a network approach to quantify reputation. <i>Royal Society Open Science</i> , 2019 , 6, 190570	3.3	5

52	Correlations between thresholds and degrees: An analytic approach to model attacks and failure cascades. <i>Physical Review E</i> , 2018 , 98, 022306	2.4	4
51	From Relational Data to Graphs: Inferring Significant Links Using Generalized Hypergeometric Ensembles. <i>Lecture Notes in Computer Science</i> , 2017 , 111-120	0.9	4
50	Agent-Based Simulations of Emotional Dialogs in the Online Social Network MySpace. <i>Understanding Complex Systems</i> , 2017 , 207-229	0.4	4
49	COMMUNICATION IN INNOVATION COMMUNITIES: AN ANALYSIS OF 100 OPEN SOURCE SOFTWARE PROJECTS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2014 , 17, 1550006	0.8	4
48	Modeling online collective emotions 2012 ,		4
47	Modeling collective emotions in online social systems 2014 , 389-406		4
46	Modeling User Reputation in Online Social Networks: The Role of Costs, Benefits, and Reciprocity. <i>Entropy</i> , 2020 , 22,	2.8	4
45	The ambiguous role of social influence on the wisdom of crowds: An analytic approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 567, 125624	3.3	4
44	Improving the Robustness of Online Social Networks: A Simulation Approach of Network Interventions. <i>Frontiers in Robotics and AI</i> , 2020 , 7, 57	2.8	3
43	Scientific networks and success in science. <i>EPJ Data Science</i> , 2014 , 3,	3.4	3
42	CYBEREMOTIONS [Collective Emotions in Cyberspace. <i>Procedia Computer Science</i> , 2011 , 7, 221-222	1.6	3
41	A complementary view on the growth of directory trees. <i>European Physical Journal B</i> , 2009 , 71, 641-648	1.2	3
40	2012 ,		3
39	Structural and functional information—An evolutionary approach to pragmatic information. <i>World Futures</i> , 1997 , 50, 533-549	0.4	3
38	Swarms of Particle Agents with Harmonic Interactions. <i>Theory in Biosciences</i> , 2001 , 120, 207-224	1.3	3
37	An Ensemble Perspective on Multi-layer Networks. <i>Understanding Complex Systems</i> , 2016 , 37-59	0.4	3
36	Multilayer network approach to modeling authorship influence on citation dynamics in physics journals. <i>Physical Review E</i> , 2020 , 102, 032303	2.4	3
35	git2net - Mining Time-Stamped Co-Editing Networks from Large git Repositories 2019 ,		3

34	Quantifying Knowledge Exchange in R&D Networks: A Data-Driven Model. <i>SSRN Electronic Journal</i> , 2015 ,	1	2
33	An Agent-Based Model of Collective Emotions in Online Communities. <i>SSRN Electronic Journal</i> , 2010 ,	1	2
32	Data-driven modeling of leading-following behavior in Bechstein's bats		2
31	Intervention Scenarios to Enhance Knowledge Transfer in a Network of Firms. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	2
30	Social percolation revisited: From 2d lattices to adaptive networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 570, 125687	3.3	2
29	A conceptual approach to model co-evolution of urban structures. <i>International Journal of Space Structures</i> , 2016 , 31, 43-51	0.8	2
28	Quantifying individual influence in leading-following behavior of Bechstein's bats. <i>Scientific Reports</i> , 2021 , 11, 2691	4.9	2
27	Clustering of Active Walkers: Phase Transition from Local Interactions. <i>Institute for Nonlinear Science</i> , 1996 , 293-305		2
26	Social nucleation: Group formation as a phase transition.. <i>Physical Review E</i> , 2022 , 105, 044301	2.4	2
25	Evaluative Patterns and Incentives in YouTube. <i>Lecture Notes in Computer Science</i> , 2017 , 301-315	0.9	1
24	Active Motion of Brownian Particles 2000 , 97-106		1
23	Simulation of cluster growth in pores with diffusion interaction. <i>Surface Science</i> , 1992 , 272, 235-239	1.8	1
22	The Efficiency and Evolution of R&D Networks. <i>SSRN Electronic Journal</i> ,	1	1
21	Quantifying the Effects of Social Influence. <i>SSRN Electronic Journal</i> ,	1	1
20	Quantifying individual influence in leading-following behavior of Bechstein's bats		1
19	The Social Dimension of Information Ranking: A Discussion of Research Challenges and Approaches. <i>Springer Proceedings in Complexity</i> , 2014 , 45-61	0.3	1
18	Coordination of Decisions in a Spatial Model of Brownian Agents. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2004 , 303-318	0.4	1
17	Active Motion in Systems with Energy Supply 2001 , 119-142		1

16	Collective Decisions in Multi-Agent Systems 2007 , 7-12		1
15	The Law of Proportionate Growth and Its Siblings: Applications in Agent-Based Modeling of Socio-Economic Systems. <i>Evolutionary Economics and Social Complexity Science</i> , 2020 , 145-176	0.2	1
14	Hierarchical Consensus Formation Reduces The Influence Of Opinion Bias 2012 ,		1
13	Enhanced or distorted wisdom of crowds? An agent-based model of opinion formation under social influence. <i>Swarm Intelligence</i> , 2021 , 15, 31-46	3	1
12	Anticipated shocks in online activity 2016 ,		1
11	Consensus from group interactions: An adaptive voter model on hypergraphs. <i>Physical Review E</i> , 2022 , 105,	2.4	1
10	DESIGNING SYSTEMS BOTTOM UP: FACETS AND PROBLEMS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2020 , 23, 2020001	0.8	0
9	SHOULD THE GOVERNMENT REWARD COOPERATION? INSIGHTS FROM AN AGENT-BASED MODEL OF WEALTH REDISTRIBUTION. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2020 , 23, 2050018	0.8	0
8	Reproducing scientists' mobility: a data-driven model. <i>Scientific Reports</i> , 2021 , 11, 10733	4.9	0
7	Analysing Time-Stamped Co-Editing Networks in Software Development Teams using git2net. <i>Empirical Software Engineering</i> , 2021 , 26, 75	3.3	0
6	Data-driven modelling of group formation in the fission-fusion dynamics of Bechstein's bats.. <i>Journal of the Royal Society Interface</i> , 2022 , 19, 20220170	4.1	0
5	Group relations, resilience and the I Ching. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 127630	3.0	0
4	An Agent-Based Modeling Framework for Online Collective Emotions. <i>Understanding Complex Systems</i> , 2017 , 187-206	0.4	
3	Risk, Markets, Games, and Networks. <i>European Physical Journal B</i> , 2009 , 71, 439-440	1.2	
2	Emergence and Evolution of Coalitions in Buyer-Seller Networks. <i>Studies in Computational Intelligence</i> , 2007 , 245-258	0.8	
1	Quantifying the Importance of Firms by Means of Reputation and Network Control. <i>Frontiers in Big Data</i> , 2021 , 4, 652913	2.8	