

Dirk Helbing

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.

176
papers

30,027
citations

69
h-index

173
g-index

188
ext. papers

34,639
ext. citations

5.6
avg, IF

7.66
L-index

#	Paper	IF	Citations
176	Social force model for pedestrian dynamics. <i>Physical Review E</i> , 1995 , 51, 4282-4286	2.4	3165
175	Simulating dynamical features of escape panic. <i>Nature</i> , 2000 , 407, 487-90	50.4	3047
174	Traffic and related self-driven many-particle systems. <i>Reviews of Modern Physics</i> , 2001 , 73, 1067-1141	40.5	2384
173	Congested traffic states in empirical observations and microscopic simulations. <i>Physical Review E</i> , 2000 , 62, 1805-24	2.4	1891
172	Growth, innovation, scaling, and the pace of life in cities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 7301-6	11.5	1481
171	Self-Organized Pedestrian Crowd Dynamics: Experiments, Simulations, and Design Solutions. <i>Transportation Science</i> , 2005 , 39, 1-24	4.4	913
170	Generalized force model of traffic dynamics. <i>Physical Review E</i> , 1998 , 58, 133-138	2.4	764
169	How simple rules determine pedestrian behavior and crowd disasters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6884-8	11.5	684
168	The hidden geometry of complex, network-driven contagion phenomena. <i>Science</i> , 2013 , 342, 1337-42	33.3	674
167	Dynamics of crowd disasters: an empirical study. <i>Physical Review E</i> , 2007 , 75, 046109	2.4	667
166	Globally networked risks and how to respond. <i>Nature</i> , 2013 , 497, 51-9	50.4	637
165	The walking behaviour of pedestrian social groups and its impact on crowd dynamics. <i>PLoS ONE</i> , 2010 , 5, e10047	3.7	573
164	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
163	General Lane-Changing Model MOBIL for Car-Following Models. <i>Transportation Research Record</i> , 2007 , 1999, 86-94	1.7	529
162	Self-Organizing Pedestrian Movement. <i>Environment and Planning B: Planning and Design</i> , 2001 , 28, 361-383		455
161	Enhanced intelligent driver model to assess the impact of driving strategies on traffic capacity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010 , 368, 4585-605 ³		412
160	The outbreak of cooperation among success-driven individuals under noisy conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3680-5	11.5	408

159	Freezing by heating in a driven mesoscopic system. <i>Physical Review Letters</i> , 2000 , 84, 1240-3	7.4	370
158	Saving Human Lives: What Complexity Science and Information Systems can Contribute. <i>Journal of Statistical Physics</i> , 2015 , 158, 735-781	1.5	369
157	Adaptive cruise control design for active congestion avoidance. <i>Transportation Research Part C: Emerging Technologies</i> , 2008 , 16, 668-683	8.4	357
156	Delays, inaccuracies and anticipation in microscopic traffic models. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 360, 71-88	3.3	335
155	SPECIFICATION OF THE SOCIAL FORCE PEDESTRIAN MODEL BY EVOLUTIONARY ADJUSTMENT TO VIDEO TRACKING DATA. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2007 , 10, 271-288	0.8	311
154	Experimental study of the behavioural mechanisms underlying self-organization in human crowds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 2755-62	4.4	300
153	Derivation, properties, and simulation of a gas-kinetic-based, nonlocal traffic model. <i>Physical Review E</i> , 1999 , 59, 239-253	2.4	264
152	Modelling the evolution of human trail systems. <i>Nature</i> , 1997 , 388, 47-50	50.4	260
151	Gas-Kinetic-Based Traffic Model Explaining Observed Hysteretic Phase Transition. <i>Physical Review Letters</i> , 1998 , 81, 3042-3045	7.4	244
150	Lattice gas simulation of experimentally studied evacuation dynamics. <i>Physical Review E</i> , 2003 , 67, 067101	14	242
149	Optimal traffic organization in ants under crowded conditions. <i>Nature</i> , 2004 , 428, 70-3	50.4	241
148	Evolutionary establishment of moral and double moral standards through spatial interactions. <i>PLoS Computational Biology</i> , 2010 , 6, e1000758	5	237
147	Punish, but not too hard: how costly punishment spreads in the spatial public goods game. <i>New Journal of Physics</i> , 2010 , 12, 083005	2.9	235
146	Scaling laws in the spatial structure of urban road networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 363, 89-95	3.3	232
145	Phase Diagram of Traffic States in the Presence of Inhomogeneities. <i>Physical Review Letters</i> , 1999 , 82, 4360-4363	7.4	222
144	FROM CROWD DYNAMICS TO CROWD SAFETY: A VIDEO-BASED ANALYSIS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2008 , 11, 497-527	0.8	217
143	A mathematical model for the behavior of pedestrians. <i>Systems Research and Behavioral Science</i> , 1991 , 36, 298-310		213
142	Gas-kinetic derivation of Navier-Stokes-like traffic equations. <i>Physical Review E</i> , 1996 , 53, 2366-2381	2.4	206

141	Empirical Features of Congested Traffic States and Their Implications for Traffic Modeling. <i>Transportation Science</i> , 2007 , 41, 135-166	4.4	177
140	Active walker model for the formation of human and animal trail systems. <i>Physical Review E</i> , 1997 , 56, 2527-2539	2.4	176
139	Self-control of traffic lights and vehicle flows in urban road networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2008 , 2008, P04019	1.9	172
138	Crowd disasters as systemic failures: analysis of the Love Parade disaster. <i>EPJ Data Science</i> , 2012 , 1,	3.4	169
137	Transient dynamics increasing network vulnerability to cascading failures. <i>Physical Review Letters</i> , 2008 , 100, 218701	7.4	169
136	MASTER: macroscopic traffic simulation based on a gas-kinetic, non-local traffic model. <i>Transportation Research Part B: Methodological</i> , 2001 , 35, 183-211	7.2	157
135	Coherent moving states in highway traffic. <i>Nature</i> , 1998 , 396, 738-740	50.4	148
134	Molecular crowding creates traffic jams of kinesin motors on microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 6100-5	11.5	145
133	Improved fluid-dynamic model for vehicular traffic. <i>Physical Review E</i> , 1995 , 51, 3164-3169	2.4	141
132	Three-phase traffic theory and two-phase models with a fundamental diagram in the light of empirical stylized facts. <i>Transportation Research Part B: Methodological</i> , 2010 , 44, 983-1000	7.2	136
131	Quantifying the behavior of stock correlations under market stress. <i>Scientific Reports</i> , 2012 , 2, 752	4.9	135
130	Analytical approach to continuous and intermittent bottleneck flows. <i>Physical Review Letters</i> , 2006 , 97, 168001	7.4	119
129	Collective information processing and pattern formation in swarms, flocks, and crowds. <i>Topics in Cognitive Science</i> , 2009 , 1, 469-97	2.5	116
128	Revisiting Street Intersections Using Slot-Based Systems. <i>PLoS ONE</i> , 2016 , 11, e0149607	3.7	111
127	Optimal self-organization. <i>New Journal of Physics</i> , 1999 , 1, 13-13	2.9	105
126	Cellular automata simulating experimental properties of traffic flow. <i>Physical Review E</i> , 1999 , 59, R2505-R2508	105	
125	Quantitative social science. A network framework of cultural history. <i>Science</i> , 2014 , 345, 558-62	33.3	101
124	Individualization as driving force of clustering phenomena in humans. <i>PLoS Computational Biology</i> , 2010 , 6, e1000959	5	100

123	Emergence of social cohesion in a model society of greedy, mobile individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 11370-4	11.5	98
122	Scaling laws in urban supply networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 363, 96-103	3.3	95
121	Macroscopic dynamics of multilane traffic. <i>Physical Review E</i> , 1999 , 59, 6328-39	2.4	92
120	Derivation of a fundamental diagram for urban traffic flow. <i>European Physical Journal B</i> , 2009 , 70, 229-241	1.2	90
119	Defector-accelerated cooperativeness and punishment in public goods games with mutations. <i>Physical Review E</i> , 2010 , 81, 057104	2.4	89
118	Modelling the dynamics of disaster spreading in networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 363, 132-140	3.3	89
117	Will Democracy Survive Big Data and Artificial Intelligence? 2019 , 73-98		89
116	Theoretical vs. empirical classification and prediction of congested traffic states. <i>European Physical Journal B</i> , 2009 , 69, 583-598	1.2	88
115	Criticism of three-phase traffic theory. <i>Transportation Research Part B: Methodological</i> , 2009 , 43, 784-797	1.2	88
114	HOW INDIVIDUALS LEARN TO TAKE TURNS: EMERGENCE OF ALTERNATING COOPERATION IN A CONGESTION GAME AND THE PRISONER'S DILEMMA. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2005 , 08, 87-116	0.8	88
113	Connectivity Statistics of Store-and-Forward Intervehicle Communication. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2010 , 11, 172-181	6.1	87
112	Derivation and empirical validation of a refined traffic flow model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996 , 233, 253-282	3.3	81
111	How citation boosts promote scientific paradigm shifts and nobel prizes. <i>PLoS ONE</i> , 2011 , 6, e18975	3.7	78
110	Extending Adaptive Cruise Control to Adaptive Driving Strategies. <i>Transportation Research Record</i> , 2007 , 2000, 16-24	1.7	76
109	MIGRATION AS A MECHANISM TO PROMOTE COOPERATION. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2008 , 11, 641-652	0.8	74
108	A mathematical model for the behavior of individuals in a social field. <i>Journal of Mathematical Sociology</i> , 1994 , 19, 189-219	1.2	70
107	Quantitative Sociodynamics 1995 ,		69
106	Efficient response to cascading disaster spreading. <i>Physical Review E</i> , 2007 , 75, 056107	2.4	66

105	Agent-Based Modeling. <i>Understanding Complex Systems</i> , 2012 , 25-70	0.4	65
104	Fundamentals of traffic flow. <i>Physical Review E</i> , 1997 , 55, 3735-3738	2.4	65
103	Society: Build digital democracy. <i>Nature</i> , 2015 , 527, 33-4	50.4	62
102	Interrelations between stochastic equations for systems with pair interactions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1992 , 181, 29-52	3.3	62
101	A section-based queueing-theoretical traffic model for congestion and travel time analysis in networks. <i>Journal of Physics A</i> , 2003 , 36, L593-L598		57
100	Stability analysis and stabilization strategies for linear supply chains. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 335, 644-660	3.3	56
99	Optimal incentives for collective intelligence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5077-5082	11.5	54
98	Generalized network dismantling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6554-6559	11.5	54
97	Modeling multi-lane traffic flow with queuing effects. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997 , 242, 175-194	3.3	54
96	Group Segregation and Urban Violence. <i>American Journal of Political Science</i> , 2014 , 58, 226-245	2.9	50
95	A stochastic behavioral model and a Microscopic Foundation of evolutionary game theory. <i>Theory and Decision</i> , 1996 , 40, 149-179	0.8	49
94	Bankruptcy cascades in interbank markets. <i>PLoS ONE</i> , 2012 , 7, e52749	3.7	48
93	Patient and impatient pedestrians in a spatial game for egress congestion. <i>Physical Review E</i> , 2013 , 87, 012802	2.4	48
92	Decentralised control of material or traffic flows in networks using phase-synchronisation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 363, 39-47	3.3	48
91	Self-Organization and Emergence in Social Systems: Modeling the Coevolution of Social Environments and Cooperative Behavior. <i>Journal of Mathematical Sociology</i> , 2011 , 35, 177-208	1.2	47
90	Self-organized network flows. <i>Networks and Heterogeneous Media</i> , 2007 , 2, 193-210	1.6	47
89	The future of social experimenting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5265-6	11.5	46
88	Volatile decision dynamics: experiments, stochastic description, intermittency control and traffic optimization. <i>New Journal of Physics</i> , 2002 , 4, 33-33	2.9	46

87	Resilience of natural gas networks during conflicts, crises and disruptions. <i>PLoS ONE</i> , 2014 , 9, e90265	3.7	43
86	Understanding recurrent crime as system-immanent collective behavior. <i>PLoS ONE</i> , 2013 , 8, e76063	3.7	42
85	Boltzmann-like and Boltzmann-Fokker-Planck equations as a foundation of behavioral models. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1993 , 196, 546-573	3.3	41
84	Cooperation, norms, and revolutions: a unified game-theoretical approach. <i>PLoS ONE</i> , 2010 , 5, e12530	3.7	40
83	The physics of traffic and regional development. <i>Contemporary Physics</i> , 2004 , 45, 405-426	3.3	40
82	Economics 2.0: The Natural Step towards a Self-Regulating, Participatory Market Society. <i>Evolutionary and Institutional Economics Review</i> , 2013 , 10, 3-41	0.8	36
81	Communication power struggles on social media: A case study of the 2011-12 Russian protests. <i>Journal of Information Technology and Politics</i> , 2017 , 14, 132-153	1.7	35
80	Thinking Ahead - Essays on Big Data, Digital Revolution, and Participatory Market Society 2015 ,		35
79	Inefficient emergent oscillations in intersecting driven many-particle flows. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 368, 567-574	3.3	35
78	When slower is faster. <i>Complexity</i> , 2015 , 21, 9-15	1.6	34
77	How natural selection can create both self- and other-regarding preferences, and networked minds. <i>Scientific Reports</i> , 2013 , 3, 1480	4.9	34
76	How Norms Can Generate Conflict: An Experiment on the Failure of Cooperative Micro-motives on the Macro-level. <i>Social Forces</i> , 2012 , 90, 919-946	1.8	32
75	Financial price dynamics and pedestrian counterflows: a comparison of statistical stylized facts. <i>Physical Review E</i> , 2013 , 87, 012804	2.4	30
74	Reducing financial avalanches by random investments. <i>Physical Review E</i> , 2013 , 88, 062814	2.4	28
73	A Mathematical Model for Behavioral Changes by Pair Interactions. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1992 , 330-348	0.4	25
72	Sustained cooperation by running away from bad behavior. <i>Evolution and Human Behavior</i> , 2016 , 37, 1-9	4	24
71	The Automation of Society is Next: How to Survive the Digital Revolution. <i>SSRN Electronic Journal</i> , 2015 ,	1	21
70	Pattern formation, social forces, and diffusion instability in games with success-driven motion. <i>European Physical Journal B</i> , 2009 , 67, 345-356	1.2	21

69	Enskog equations for traffic flow evaluated up to Navier-Stokes order. <i>Archive for History of Exact Sciences</i> , 1998 , 1, 21-31	0.6	20
68	How wealth accumulation can promote cooperation. <i>PLoS ONE</i> , 2010 , 5, e13471	3.7	19
67	Evolutionary dynamics of populations with conflicting interactions: classification and analytical treatment considering asymmetry and power. <i>Physical Review E</i> , 2010 , 81, 016112	2.4	18
66	SUPPLY AND PRODUCTION NETWORKS: FROM THE BULLWHIP EFFECT TO BUSINESS CYCLES. <i>World Scientific Lecture Notes in Complex Systems</i> , 2005 , 33-66		18
65	Conditions for the emergence of shared norms in populations with incompatible preferences. <i>PLoS ONE</i> , 2014 , 9, e104207	3.7	17
64	Rethinking Economics Using Complexity Theory. <i>SSRN Electronic Journal</i> , 2013 ,	1	17
63	Analytical investigation of innovation dynamics considering stochasticity in the evaluation of fitness. <i>Physical Review E</i> , 2005 , 71, 067101	2.4	17
62	Phase transitions to cooperation in the prisoner's dilemma. <i>Physical Review E</i> , 2010 , 81, 057102	2.4	16
61	Managing Complexity in Socio-Economic Systems*. <i>European Review</i> , 2009 , 17, 423-438	0.3	15
60	Privacy-Preserving Ubiquitous Social Mining via Modular and Compositional Virtual Sensors 2015 ,		14
59	Give more data, awareness and control to individual citizens, and they will help COVID-19 containment. <i>Ethics and Information Technology</i> , 2021 , 1-6	3.7	14
58	Sensitivity analysis of permeability parameters for flows on Barcelona networks. <i>Journal of Differential Equations</i> , 2010 , 249, 3110-3131	2.1	13
57	A Social Bitcoin could sustain a democratic digital world. <i>European Physical Journal: Special Topics</i> , 2016 , 225, 3231-3241	2.3	13
56	Pluralistic Modeling of Complex Systems. <i>SSRN Electronic Journal</i> ,	1	12
55	Power and fairness in a generalized ultimatum game. <i>PLoS ONE</i> , 2014 , 9, e99039	3.7	11
54	Self-organization Principles in Supply Networks and Production Systems 535-559		11
53	Collective navigation of complex networks: Participatory greedy routing. <i>Scientific Reports</i> , 2017 , 7, 28974.9	4.9	9
52	Qualified Money - A Better Financial System for the Future. <i>SSRN Electronic Journal</i> ,	1	9

51	Die wundervolle Welt aktiver Vielteilchensysteme: Autos, Fußgänger, Vögel oder andere motorisierte Teilchen lassen sich durch relativ einfache Verallgemeinerungen der Newtonschen Gleichungen beschreiben. <i>Physik Journal</i> , 2001 , 57, 27-33		8
50	Logistics Networks: Coping with Nonlinearity and Complexity. <i>Understanding Complex Systems</i> , 2008 , 119-136	0.4	8
49	Fundamental and Real-World Challenges in Economics. <i>SSRN Electronic Journal</i> , 2010 ,	1	7
48	An Agent-Based Approach to Self-organized Production. <i>Natural Computing Series</i> , 2008 , 219-252	2.5	7
47	Game Theoretical Interactions of Moving Agents. <i>Understanding Complex Systems</i> , 2010 , 219-239	0.4	7
46	Sustainable development: Turn war rooms into peace rooms. <i>Nature</i> , 2017 , 549, 458	50.4	6
45	Homo Socialis: The Road Ahead. <i>Review of Behavioral Economics</i> , 2015 , 2, 239-253	1.3	6
44	Crowd Disasters as Systemic Failures: Analysis of the Love Parade Disaster. <i>SSRN Electronic Journal</i> , 2012 ,	1	6
43	An Extension of Asimov's Robotics Laws 2019 , 41-46		6
42	The new silk road and its potential for sustainable development: how open digital participation could make BRI a role model for sustainable businesses and markets. <i>Asian Journal of Sustainability and Social Responsibility</i> , 2019 , 4,	2.8	5
41	How to Save Human Lives with Complexity Science. <i>SSRN Electronic Journal</i> ,	1	5
40	Ethics of Smart Cities: Towards Value-Sensitive Design and Co-Evolving City Life. <i>Sustainability</i> , 2021 , 13, 11162	3.6	5
39	Why We Need Democracy 2.0 and Capitalism 2.0 to Survive. <i>SSRN Electronic Journal</i> , 2016 ,	1	5
38	Building a multisystemic understanding of societal resilience to the COVID-19 pandemic. <i>BMJ Global Health</i> , 2021 , 6,	6.6	4
37	Crowd Dynamics 449-472		4
36	Extreme power law in a driven many-particle system without threshold dynamics. <i>Physical Review E</i> , 2014 , 90, 042201	2.4	3
35	A New Kind of Economy is Born -- Social Decision-Makers Beat the 'Homo Economicus'. <i>SSRN Electronic Journal</i> , 2013 ,	1	3
34	From Social Simulation to Integrative System Design. <i>SSRN Electronic Journal</i> ,	1	3

33	How value-sensitive design can empower sustainable consumption. <i>Royal Society Open Science</i> , 2021 , 8, 201418	3.3	3
32	Responding to Complexity in Socio-Economic Systems: How to Build a Smart and Resilient Society?. <i>SSRN Electronic Journal</i> , 2015 ,	1	2
31	The rationality of prejudices. <i>PLoS ONE</i> , 2012 , 7, e30902	3.7	2
30	Modeling of Socio-Economic Systems. <i>Understanding Complex Systems</i> , 2012 , 1-24	0.4	2
29	On some fundamental challenges in monitoring epidemics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022 , 380, 20210117	3	2
28	From Social Datamining to Forecasting Socio-Economic Crisis. <i>SSRN Electronic Journal</i> ,	1	2
27	Why We Need Democracy 2.0 and Capitalism 2.0 to Survive 2019 , 121-156		2
26	Introduction Have We Opened Pandora's Box? 2015 , 1-26		2
25	Introducing participatory fairness in emergency communication can support self-organization for survival. <i>Scientific Reports</i> , 2021 , 11, 7209	4.9	2
24	Human-centered Democratic Innovations with Digital and Participatory Elements 2021 ,		2
23	Ethics for Times of Crisis. <i>SSRN Electronic Journal</i> , 2018 ,	1	2
22	Translating citizen-generated air quality data into evidence for shaping policy. <i>Humanities and Social Sciences Communications</i> , 2022 , 9,	2.8	2
21	Homo Socialis - The Road Ahead. <i>SSRN Electronic Journal</i> ,	1	1
20	How and Why Our Conventional Economic Thinking Causes Global Crises 2015 , 39-52		1
19	A New Kind of Economy is Born Social Decision-Makers Beat the Homo Economicus 2015 , 57-65		1
18	A Social Bitcoin Could Sustain a Democratic Digital World. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2021 , 39-51	0.4	1
17	Summary: What's Wrong with AI? 2021 , 285-313		1
16	Digital Democracy (Democracy 2.0, 3.0, 4.0) 2021 , 249-268		1

15	Triage 4.0: On Death Algorithms and Technological Selection. Is Today's Data- Driven Medical System Still Compatible with the Constitution?. <i>Journal of European CME</i> , 2021 , 10, 1989243	0.6	o
14	Participatory resilience: Surviving, recovering and improving together. <i>Sustainable Cities and Society</i> , 2022 , 83, 103942	10.1	o
13	Assortative Matching with Inequality in Voluntary Contribution Games. <i>Computational Economics</i> , 2018 , 52, 1029-1043	1.4	
12	Challenges in Economics. <i>Understanding Complex Systems</i> , 2012 , 301-329	0.4	
11	Social Experiments and Computing. <i>Understanding Complex Systems</i> , 2012 , 201-209	0.4	
10	Cooperation in Social Dilemmas. <i>Understanding Complex Systems</i> , 2012 , 131-138	0.4	
9	Evolution of Moral Behavior. <i>Understanding Complex Systems</i> , 2012 , 153-167	0.4	
8	Heterogeneous Populations: Coexistence, Integration, or Conflict. <i>Understanding Complex Systems</i> , 2012 , 185-199	0.4	
7	Traffic Data and Their Implications for Consistent Traffic Flow Modeling. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1997 , 30, 781-786		
6	Homo Socialis: The Road Ahead 2019 , 187-200		
5	Complexity Time Bomb 2021 , 17-34		
4	How Society Works 2021 , 153-173		
3	Networked Minds 2021 , 175-196		
2	The Self-Organizing Society 2021 , 225-248		
1	Social Forces 2021 , 35-61		