

# Michael S HarrÃ©©

## List of Publications by Year in descending order

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53  
papers

645  
citations

759055

12  
h-index

677027

22  
g-index

57  
all docs

57  
docs citations

57  
times ranked

669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Information Flow in a Kinetic Ising Model Peaks in the Disordered Phase. <i>Physical Review Letters</i> , 2013, 111, 177203.	2.9	99
2	A temporal framework of social resilience indicators of communities to flood, case studies: Wagga wagga and Kempsey, NSW, Australia. <i>International Journal of Disaster Risk Reduction</i> , 2015, 13, 248-254.	1.8	71
3	The association between social network factors and mental health at different life stages. <i>Quality of Life Research</i> , 2016, 25, 1725-1733.	1.5	36
4	Phase-transition-like behaviour of information measures in financial markets. <i>Europhysics Letters</i> , 2009, 87, 18009.	0.7	32
5	Hysteresis effects of changing the parameters of noncooperative games. <i>Physical Review E</i> , 2012, 85, 036102.	0.8	30
6	The Association Between Social Network Factors with Depression and Anxiety at Different Life Stages. <i>Community Mental Health Journal</i> , 2018, 54, 842-854.	1.1	29
7	A Semantic Network Approach to the Creativity Quotient (CQ). <i>Creativity Research Journal</i> , 2009, 21, 64-71.	1.7	24
8	Information and phase transitions in socio-economic systems. <i>Complex Adaptive Systems Modeling</i> , 2013, 1, .	1.6	24
9	Influence of topology in the evolution of coordination in complex networks under information diffusion constraints. <i>European Physical Journal B</i> , 2014, 87, 1.	0.6	21
10	Self-referential basis of undecidable dynamics: From the Liar paradox and the halting problem to the edge of chaos. <i>Physics of Life Reviews</i> , 2019, 31, 134-156.	1.5	16
11	Information Theory for Agents in Artificial Intelligence, Psychology, and Economics. <i>Entropy</i> , 2021, 23, 310.	1.1	15
12	$Q$ -Gaussian diffusion in stock markets. <i>Physical Review E</i> , 2019, 99, 062313.	0.8	13
13	Information flow around stock market collapse. <i>Accounting and Finance</i> , 2018, 58, 45-58.	1.7	12
14	Explaining herding and volatility in the cyclical price dynamics of urban housing markets using a large-scale agent-based model. <i>SN Business &amp; Economics</i> , 2021, 1, 1.	0.6	12
15	The aggregate complexity of decisions in the game of Go. <i>European Physical Journal B</i> , 2011, 80, 555-563.	0.6	11
16	Strategic Choice of Preferences: the Persona Model. <i>B E Journal of Theoretical Economics</i> , 2011, 11, .	0.1	11
17	Strategic Islands in Economic Games: Isolating Economies From Better Outcomes. <i>Entropy</i> , 2014, 16, 5102-5121.	1.1	10
18	Proactively Monitoring Large Project Portfolios. <i>Project Management Journal</i> , 2020, 51, 656-669.	2.6	10

#	ARTICLE	IF	CITATIONS
19	The impact of social influence in Australian real estate: market forecasting with a spatial agent-based model. <i>Journal of Economic Interaction and Coordination</i> , 2023, 18, 5-57.	0.4	10
20	Methods for forecasting the effect of exogenous risks on stock markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 568, 125587.	1.2	10
21	The Development of Human Expertise in a Complex Environment. <i>Minds and Machines</i> , 2011, 21, 449-464.	2.7	9
22	Fisher transfer entropy: quantifying the gain in transient sensitivity. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150610.	1.0	9
23	The Perceptual Cues that Reshape Expert Reasoning. <i>Scientific Reports</i> , 2012, 2, 502.	1.6	8
24	Simple nonlinear systems and navigating catastrophes. <i>European Physical Journal B</i> , 2013, 86, 1.	0.6	8
25	Designing a "better" brain: insights from experts and savants. <i>Frontiers in Psychology</i> , 2014, 5, 470.	1.1	8
26	Social network factors as mediators of mental health and psychological distress. <i>International Journal of Social Psychiatry</i> , 2017, 63, 235-243.	1.6	8
27	Closed-form solutions for the Levy-stable distribution. <i>Physical Review E</i> , 2018, 98, 012103.	0.8	8
28	Social networks and mental health: an egocentric perspective. <i>Mental Health Review Journal</i> , 2016, 21, 161-173.	0.3	7
29	Optimising influence in social networks using bounded rationality models. <i>Social Network Analysis and Mining</i> , 2016, 6, 1.	1.9	7
30	Utility, Revealed Preferences Theory, and Strategic Ambiguity in Iterated Games. <i>Entropy</i> , 2017, 19, 201.	1.1	7
31	A temporal social resilience framework of communities to disasters in Australia. <i>Geoenvironmental Disasters</i> , 2018, 5, .	1.8	7
32	The social brain: scale-invariant layering of Erdős-Rényi networks in small-scale human societies. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160044.	1.5	6
33	Strategic Information Processing from Behavioural Data in Iterated Games. <i>Entropy</i> , 2018, 20, 27.	1.1	6
34	The Polycentric Dynamics of Melbourne and Sydney: suburb attractiveness divides a city at the home ownership level. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200514.	1.0	6
35	Testing stationarity of the detrended price return in stock markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 587, 126487.	1.2	6
36	The neural circuitry of expertise: perceptual learning and social cognition. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 852.	1.0	5

#	ARTICLE	IF	CITATIONS
37	An Interview-Based Study of Pioneering Experiences in Teaching and Learning Complex Systems in Higher Education. Complexity, 2018, 2018, 1-11.	0.9	5
38	Complexity Economics in a Time of Crisis: Heterogeneous Agents, Interconnections, and Contagion. Systems, 2021, 9, 73.	1.2	5
39	Simulation of trust in client-wealth management adviser relationships. International Journal of Simulation and Process Modelling, 2010, 6, 40.	0.1	4
40	Intuitive Expertise and Perceptual Templates. Minds and Machines, 2012, 22, 167-182.	2.7	4
41	Evolution of coordination in scale-free and small world networks under information diffusion constraints. , 2013, , .		3
42	Influence modelling using bounded rationality in social networks. , 2015, , .		3
43	What Can Game Theory Tell Us about an AI "Theory of Mind"? Games, 2022, 13, 46.	0.4	3
44	Equity trees and graphs via information theory. European Physical Journal B, 2010, 73, 59-68.	0.6	2
45	From Amateur to Professional: A Neuro-cognitive Model of Categories and Expert Development. Minds and Machines, 2013, 23, 443-472.	2.7	1
46	Navigating catastrophes: Local but not global optimisation allows for macro-economic navigation of crises. Journal of Physics: Conference Series, 2013, 410, 012045.	0.3	1
47	Entropy and Transfer Entropy: The Dow Jones and the Build Up to the 1997 Asian Crisis. Springer Proceedings in Complexity, 2015, , 15-25.	0.2	1
48	Entropy, Economics, and Criticality. Entropy, 2022, 24, 210.	1.1	1
49	Micro to Macro Game Theory in a Multi-Agent System. , 2006, , .		0
50	Strategic Choice of Preferences: The Persona Model. SSRN Electronic Journal, 2010, , .	0.4	0
51	A social network model for the development of a 'Theory of Mind'. Journal of Physics: Conference Series, 2013, 410, 012101.	0.3	0
52	The interactional foundations of MaxEnt: Open questions. , 2014, , .		0
53	Evolution of Trust in Economic Systems. , 2009, , 3-18.		0