

Michael Gabbay

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

448
citations

933447

10
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Representation of spatial frequency and orientation in the visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 8334-8338.	7.1	89
2	Social Network Analysis in the Study of Terrorism and Insurgency: From Organization to Politics. International Studies Review, 2016, 18, 214-243.	1.4	64
3	Fratricide in rebel movements: A network analysis of Syrian militant infighting. Journal of Peace Research, 2019, 56, 321-335.	2.9	48
4	A Principal Components-Based Method for the Detection of Neuronal Activity Maps: Application to Optical Imaging. NeuroImage, 2000, 11, 313-325.	4.2	36
5	Motion of Scroll Wave Filaments in the Complex Ginzburg-Landau Equation. Physical Review Letters, 1997, 78, 2012-2015.	7.8	30
6	Networks of Cooperation: Rebel Alliances in Fragmented Civil Wars. Journal of Conflict Resolution, 2019, 63, 2071-2097.	2.0	27
7	The effects of nonlinear interactions and network structure in small group opinion dynamics. Physica A: Statistical Mechanics and Its Applications, 2007, 378, 118-126.	2.6	22
8	Synchronization and beam forming in an array of repulsively coupled oscillators. Physical Review E, 2006, 74, 056205.	2.1	19
9	Spiral wave dynamics in the complex Ginzburg-Landau equation with broken chiral symmetry. Physica D: Nonlinear Phenomena, 1998, 118, 69-83.	2.8	16
10	Stability of spiral wave vortex filaments with phase twists. Physical Review E, 1998, 58, 2580-2585.	2.1	11
11	The dynamics of scroll wave filaments in the complex Ginzburg-Landau equation. Physica D: Nonlinear Phenomena, 1998, 118, 371-395.	2.8	10
12	Reconnection of vortex filaments in the complex Ginzburg-Landau equation. Physical Review E, 1998, 58, 2576-2579.	2.1	10
13	Terrorism and Small Groups. Small Group Research, 2013, 44, 599-626.	2.7	10
14	Spiral waves in oscillatory media with an applied electric field. Physical Review E, 1999, 59, 2443-2446.	2.1	9
15	Frame-Induced Group Polarization in Small Discussion Networks. Social Psychology Quarterly, 2018, 81, 248-271.	2.1	8
16	Globally coupled noisy oscillators with inhomogeneous periodic forcing. Physical Review E, 2004, 70, 066212.	2.1	6
17	Community detectability and structural balance dynamics in signed networks. Physical Review E, 2020, 102, 012304.	2.1	5
18	Phased array beamforming using nonlinear oscillators. , 2004, , .		4

#	ARTICLE	IF	CITATIONS
19	Majority Rule in Nonlinear Opinion Dynamics. Understanding Complex Systems, 2014, , 167-179.	0.6	3
20	Analysis of Ocean Electromagnetic Data Using a Hilbert Spectrum Approach. AIP Conference Proceedings, 2003, , .	0.4	2
21	Multi-task Regularization of Generative Similarity Models. Lecture Notes in Computer Science, 2011, , 90-103.	1.3	1
22	Opinion Network Modeling and Experiment. Understanding Complex Systems, 2019, , 174-185.	0.6	0
23	Transient signal detection using the empirical mode decomposition. , 2004, , .		0
24	Transient Signal Detection Using the Empirical Mode Decomposition. , 2005, , 121-139.		0
25	Consolidation of Nonstate Armed Actors in Fragmented Conflicts: Introducing an Emerging Research Program. Studies in Conflict and Terrorism, 0, , 1-21.	1.3	0
26	Strategies of Armed Group Consolidation in the Afghan Civil War (1989â€“2001). Studies in Conflict and Terrorism, 0, , 1-21.	1.3	0