

# 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	Community detectability and structural balance dynamics in signed networks. <i>Physical Review E</i> , 2020, 102, 012304.	2.1	5
2	Fratricide in rebel movements: A network analysis of Syrian militant infighting. <i>Journal of Peace Research</i> , 2019, 56, 321-335.	2.9	48
3	Opinion Network Modeling and Experiment. <i>Understanding Complex Systems</i> , 2019, , 174-185.	0.6	0
4	Networks of Cooperation: Rebel Alliances in Fragmented Civil Wars. <i>Journal of Conflict Resolution</i> , 2019, 63, 2071-2097.	2.0	27
5	Frame-Induced Group Polarization in Small Discussion Networks. <i>Social Psychology Quarterly</i> , 2018, 81, 248-271.	2.1	8
6	Social Network Analysis in the Study of Terrorism and Insurgency: From Organization to Politics. <i>International Studies Review</i> , 2016, 18, 214-243.	1.4	64
7	Majority Rule in Nonlinear Opinion Dynamics. <i>Understanding Complex Systems</i> , 2014, , 167-179.	0.6	3
8	Terrorism and Small Groups. <i>Small Group Research</i> , 2013, 44, 599-626.	2.7	10
9	Multi-task Regularization of Generative Similarity Models. <i>Lecture Notes in Computer Science</i> , 2011, , 90-103.	1.3	1
10	The effects of nonlinear interactions and network structure in small group opinion dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 378, 118-126.	2.6	22
11	Synchronization and beam forming in an array of repulsively coupled oscillators. <i>Physical Review E</i> , 2006, 74, 056205.	2.1	19
12	Transient Signal Detection Using the Empirical Mode Decomposition. , 2005, , 121-139.		0
13	Globally coupled noisy oscillators with inhomogeneous periodic forcing. <i>Physical Review E</i> , 2004, 70, 066212.	2.1	6
14	Phased array beamforming using nonlinear oscillators. , 2004, , .		4
15	Transient signal detection using the empirical mode decomposition. , 2004, , .		0
16	Analysis of Ocean Electromagnetic Data Using a Hilbert Spectrum Approach. <i>AIP Conference Proceedings</i> , 2003, , .	0.4	2
17	A Principal Components-Based Method for the Detection of Neuronal Activity Maps: Application to Optical Imaging. <i>NeuroImage</i> , 2000, 11, 313-325.	4.2	36
18	Spiral waves in oscillatory media with an applied electric field. <i>Physical Review E</i> , 1999, 59, 2443-2446.	2.1	9

#	ARTICLE	IF	CITATIONS
19	The dynamics of scroll wave filaments in the complex Ginzburg-Landau equation. <i>Physica D: Nonlinear Phenomena</i> , 1998, 118, 371-395.	2.8	10
20	Spiral wave dynamics in the complex Ginzburg-Landau equation with broken chiral symmetry. <i>Physica D: Nonlinear Phenomena</i> , 1998, 118, 69-83.	2.8	16
21	Reconnection of vortex filaments in the complex Ginzburg-Landau equation. <i>Physical Review E</i> , 1998, 58, 2576-2579.	2.1	10
22	Stability of spiral wave vortex filaments with phase twists. <i>Physical Review E</i> , 1998, 58, 2580-2585.	2.1	11
23	Representation of spatial frequency and orientation in the visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8334-8338.	7.1	89
24	Motion of Scroll Wave Filaments in the Complex Ginzburg-Landau Equation. <i>Physical Review Letters</i> , 1997, 78, 2012-2015.	7.8	30
25	Consolidation of Nonstate Armed Actors in Fragmented Conflicts: Introducing an Emerging Research Program. <i>Studies in Conflict and Terrorism</i> , 0, , 1-21.	1.3	0
26	Strategies of Armed Group Consolidation in the Afghan Civil War (1989â€“2001). <i>Studies in Conflict and Terrorism</i> , 0, , 1-21.	1.3	0