

Noah E Friedkin

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,259
citations

304743

22
h-index

233421

45
g-index

54
all docs

54
docs citations

54
times ranked

3022
citing authors

#	ARTICLE	IF	CITATIONS
1	Social influence and opinions. <i>Journal of Mathematical Sociology</i> , 1990, 15, 193-206.	1.2	733
2	Network Studies of Social Influence. <i>Sociological Methods and Research</i> , 1993, 22, 127-151.	6.8	589
3	Theoretical Foundations for Centrality Measures. <i>American Journal of Sociology</i> , 1991, 96, 1478-1504.	0.5	517
4	Social Cohesion. <i>Annual Review of Sociology</i> , 2004, 30, 409-425.	6.1	495
5	Network science on belief system dynamics under logic constraints. <i>Science</i> , 2016, 354, 321-326.	12.6	252
6	Novel Multidimensional Models of Opinion Dynamics in Social Networks. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 2270-2285.	5.7	226
7	Opinion Dynamics and the Evolution of Social Power in Influence Networks. <i>SIAM Review</i> , 2015, 57, 367-397.	9.5	210
8	Structural Cohesion and Equivalence Explanations of Social Homogeneity. <i>Sociological Methods and Research</i> , 1984, 12, 235-261.	6.8	195
9	The Problem of Social Control and Coordination of Complex Systems in Sociology: A Look at the Community Cleavage Problem. <i>IEEE Control Systems</i> , 2015, 35, 40-51.	0.8	147
10	Choice Shift and Group Polarization. <i>American Sociological Review</i> , 1999, 64, 856.	5.2	112
11	A formal theory of social power. <i>Journal of Mathematical Sociology</i> , 1986, 12, 103-126.	1.2	96
12	A Formal Theory of Reflected Appraisals in the Evolution of Power. <i>Administrative Science Quarterly</i> , 2011, 56, 501-529.	6.9	77
13	Cultural Reception and Production. <i>American Sociological Review</i> , 2012, 77, 45-68.	5.2	74
14	School System Size and Performance: A Contingency Perspective. <i>Educational Evaluation and Policy Analysis</i> , 1988, 10, 237-249.	2.5	70
15	University Social Structure and Social Networks Among Scientists. <i>American Journal of Sociology</i> , 1978, 83, 1444-1465.	0.5	62
16	Peer Group Influence. <i>Sociological Methods and Research</i> , 1990, 19, 122-143.	6.8	60
17	Horizons of Observability and Limits of Informal Control in Organizations. <i>Social Forces</i> , 1983, 62, 54.	1.3	56
18	How truth wins in opinion dynamics along issue sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11380-11385.	7.1	54

#	ARTICLE	IF	CITATIONS
19	The Structural Balance Theory of Sentiment Networks: Elaboration and Test. American Journal of Sociology, 2017, 123, 510-548.	0.5	47
20	A Theory of the Evolution of Social Power: Natural Trajectories of Interpersonal Influence Systems along Issue Sequences. Sociological Science, 0, 3, 444-472.	2.0	45
21	ATTITUDE CHANGE, AFFECT CONTROL, AND EXPECTATION STATES IN THE FORMATION OF INFLUENCE NETWORKS. Advances in Group Processes, 0, , 1-29.	0.2	36
22	Opinion Dynamics and Social Power Evolution over Reducible Influence Networks. SIAM Journal on Control and Optimization, 2017, 55, 1280-1301.	2.1	35
23	The distant core: social solidarity, social distance and interpersonal ties in coreâ€“periphery structures. Social Networks, 2001, 23, 245-260.	2.1	32
24	On the reflected appraisals dynamics of influence networks with stubborn agents. , 2014, , .		30
25	Opinion evolution in time-varying social influence networks with prejudiced agents. IFAC-PapersOnLine, 2017, 50, 11896-11901.	0.9	26
26	The Coevolution of Appraisal and Influence Networks Leads to Structural Balance. IEEE Transactions on Network Science and Engineering, 2016, 3, 286-298.	6.4	22
27	Structural balance emerges and explains performance in risky decision-making. Nature Communications, 2019, 10, 2648.	12.8	21
28	Mathematical Structures in Group Decision-Making on Resource Allocation Distributions. Scientific Reports, 2019, 9, 1377.	3.3	18
29	Two steps to obfuscation. Social Networks, 2014, 39, 12-13.	2.1	17
30	Dynamic social balance and convergent appraisals via homophily and influence mechanisms. Automatica, 2019, 110, 108580.	5.0	16
31	Social Power Evolution in Influence Networks With Stubborn Individuals. IEEE Transactions on Automatic Control, 2022, 67, 574-588.	5.7	16
32	Social Power Dynamics over Switching and Stochastic Influence Networks. IEEE Transactions on Automatic Control, 2018, , 1-1.	5.7	15
33	A new model of opinion dynamics for social actors with multiple interdependent attitudes and prejudices. , 2015, , .		14
34	Dynamic Models of Appraisal Networks Explaining Collective Learning. IEEE Transactions on Automatic Control, 2018, 63, 2898-2912.	5.7	14
35	Control loss and Fayolâ€™s gangplanks. Social Networks, 2002, 24, 395-406.	2.1	10
36	Opinion Dynamics and Social Power Evolution: A Singleâ€“Timescale Model. IEEE Transactions on Control of Network Systems, 2020, 7, 899-911.	3.7	10

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37	Structural Balance via Gradient Flows Over Signed Graphs. IEEE Transactions on Automatic Control, 2021, 66, 3169-3183.	5.7	8
38	Jaccard-Spline index of structural proximity in contact networks. Social Networks, 2009, 31, 76-84.	2.1	7
39	On the dynamics of influence networks via reflected appraisal. , 2013, , .		6
40	Dynamic models of appraisal networks explaining collective learning. , 2016, , .		6
41	A Multilevel Event History Model of Social Diffusion: Medical Innovation Revisited. Journal of Mathematical Sociology, 2010, 34, 146-155.	1.2	5
42	Positive contagion and the macrostructures of generalized balance. Network Science, 2019, 7, 445-458.	1.0	5
43	Group dynamics on multidimensional object threat appraisals. Social Networks, 2021, 65, 157-167.	2.1	5
44	The 1995-2018 global evolution of the network of amicable and hostile relations among nation-states. Communications Physics, 2020, 3, .	5.3	4
45	Predictive models for human-AI nexus in group decision making. Annals of the New York Academy of Sciences, 2022, 1514, 70-81.	3.8	4
46	Scale-Free Interpersonal Influences on Opinions in Complex Systems. Journal of Mathematical Sociology, 2015, 39, 168-173.	1.2	3
47	Networks and Places: Social Relations in the Urban Setting. Claude S. Fischer , Robert Max Jackson , C. Ann Stueve , Kathleen Gerson , Lynne McCallister Jones , Mark Baldassare. American Journal of Sociology, 1981, 87, 764-767.	0.5	2
48	The Sociology of School Organization.. Contemporary Sociology, 1985, 14, 207.	0.0	2
49	Perspectives on Network Systems and Mathematical Sociology. Systems and Control: Foundations and Applications, 2018, , 399-417.	0.3	1
50	Structural balance and interpersonal appraisals dynamics: Beyond all-to-all and two-faction networks. Automatica, 2022, 140, 110239.	5.0	1
51	Multigroup connectivity structures and their implications. Network Science, 2019, 7, 459-475.	1.0	0