

Noah E Friedkin

List of Publications by Year in descending order

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51
papers

5,259
citations

304743

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54
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docs citations

54
times ranked

3022
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Power Evolution in Influence Networks With Stubborn Individuals. IEEE Transactions on Automatic Control, 2022, 67, 574-588.	5.7	16
2	Structural balance and interpersonal appraisals dynamics: Beyond all-to-all and two-faction networks. Automatica, 2022, 140, 110239.	5.0	1
3	Predictive models for humanâ€AI nexus in group decision making. Annals of the New York Academy of Sciences, 2022, 1514, 70-81.	3.8	4
4	Structural Balance via Gradient Flows Over Signed Graphs. IEEE Transactions on Automatic Control, 2021, 66, 3169-3183.	5.7	8
5	Group dynamics on multidimensional object threat appraisals. Social Networks, 2021, 65, 157-167.	2.1	5
6	Opinion Dynamics and Social Power Evolution: A Singleâ€Timescale Model. IEEE Transactions on Control of Network Systems, 2020, 7, 899-911.	3.7	10
7	The 1995-2018 global evolution of the network of amicable and hostile relations among nation-states. Communications Physics, 2020, 3, .	5.3	4
8	Positive contagion and the macrostructures of generalized balance. Network Science, 2019, 7, 445-458.	1.0	5
9	Dynamic social balance and convergent appraisals via homophily and influence mechanisms. Automatica, 2019, 110, 108580.	5.0	16
10	Structural balance emerges and explains performance in risky decision-making. Nature Communications, 2019, 10, 2648.	12.8	21
11	Mathematical Structures in Group Decision-Making on Resource Allocation Distributions. Scientific Reports, 2019, 9, 1377.	3.3	18
12	Multigroup connectivity structures and their implications. Network Science, 2019, 7, 459-475.	1.0	0
13	Social Power Dynamics over Switching and Stochastic Influence Networks. IEEE Transactions on Automatic Control, 2018, , 1-1.	5.7	15
14	Dynamic Models of Appraisal Networks Explaining Collective Learning. IEEE Transactions on Automatic Control, 2018, 63, 2898-2912.	5.7	14
15	Perspectives on Network Systems and Mathematical Sociology. Systems and Control: Foundations and Applications, 2018, , 399-417.	0.3	1
16	Opinion Dynamics and Social Power Evolution over Reducible Influence Networks. SIAM Journal on Control and Optimization, 2017, 55, 1280-1301.	2.1	35
17	How truth wins in opinion dynamics along issue sequences. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11380-11385.	7.1	54
18	The Structural Balance Theory of Sentiment Networks: Elaboration and Test. American Journal of Sociology, 2017, 123, 510-548.	0.5	47

#	ARTICLE	IF	CITATIONS
19	Novel Multidimensional Models of Opinion Dynamics in Social Networks. IEEE Transactions on Automatic Control, 2017, 62, 2270-2285.	5.7	226
20	Opinion evolution in time-varying social influence networks with prejudiced agents. IFAC-PapersOnLine, 2017, 50, 11896-11901.	0.9	26
21	Dynamic models of appraisal networks explaining collective learning. , 2016, , .		6
22	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
23	Network science on belief system dynamics under logic constraints. Science, 2016, 354, 321-326.	12.6	252
24	The Problem of Social Control and Coordination of Complex Systems in Sociology: A Look at the Community Cleavage Problem. IEEE Control Systems, 2015, 35, 40-51.	0.8	147
25	A new model of opinion dynamics for social actors with multiple interdependent attitudes and prejudices. , 2015, , .		14
26	Opinion Dynamics and the Evolution of Social Power in Influence Networks. SIAM Review, 2015, 57, 367-397.	9.5	210
27	Scale-Free Interpersonal Influences on Opinions in Complex Systems. Journal of Mathematical Sociology, 2015, 39, 168-173.	1.2	3
28	On the reflected appraisals dynamics of influence networks with stubborn agents. , 2014, , .		30
29	Two steps to obfuscation. Social Networks, 2014, 39, 12-13.	2.1	17
30	On the dynamics of influence networks via reflected appraisal. , 2013, , .		6
31	Cultural Reception and Production. American Sociological Review, 2012, 77, 45-68.	5.2	74
32	A Formal Theory of Reflected Appraisals in the Evolution of Power. Administrative Science Quarterly, 2011, 56, 501-529.	6.9	77
33	A Multilevel Event History Model of Social Diffusion: Medical Innovation Revisited. Journal of Mathematical Sociology, 2010, 34, 146-155.	1.2	5
34	Jaccard-Spline index of structural proximity in contact networks. Social Networks, 2009, 31, 76-84.	2.1	7
35	Social Cohesion. Annual Review of Sociology, 2004, 30, 409-425.	6.1	495
36	Control loss and Fayol's gangplanks. Social Networks, 2002, 24, 395-406.	2.1	10

#	ARTICLE	IF	CITATIONS
37	The distant core: social solidarity, social distance and interpersonal ties in core-periphery structures. <i>Social Networks</i> , 2001, 23, 245-260.	2.1	32
38	Choice Shift and Group Polarization. <i>American Sociological Review</i> , 1999, 64, 856.	5.2	112
39	Network Studies of Social Influence. <i>Sociological Methods and Research</i> , 1993, 22, 127-151.	6.8	589
40	Theoretical Foundations for Centrality Measures. <i>American Journal of Sociology</i> , 1991, 96, 1478-1504.	0.5	517
41	Peer Group Influence. <i>Sociological Methods and Research</i> , 1990, 19, 122-143.	6.8	60
42	Social influence and opinions. <i>Journal of Mathematical Sociology</i> , 1990, 15, 193-206.	1.2	733
43	School System Size and Performance: A Contingency Perspective. <i>Educational Evaluation and Policy Analysis</i> , 1988, 10, 237-249.	2.5	70
44	A formal theory of social power. <i>Journal of Mathematical Sociology</i> , 1986, 12, 103-126.	1.2	96
45	The Sociology of School Organization.. <i>Contemporary Sociology</i> , 1985, 14, 207.	0.0	2
46	Structural Cohesion and Equivalence Explanations of Social Homogeneity. <i>Sociological Methods and Research</i> , 1984, 12, 235-261.	6.8	195
47	Horizons of Observability and Limits of Informal Control in Organizations. <i>Social Forces</i> , 1983, 62, 54.	1.3	56
48	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. <i>American Journal of Sociology</i> , 1981, 87, 764-767.	0.5	2
49	University Social Structure and Social Networks Among Scientists. <i>American Journal of Sociology</i> , 1978, 83, 1444-1465.	0.5	62
50	ATTITUDE CHANGE, AFFECT CONTROL, AND EXPECTATION STATES IN THE FORMATION OF INFLUENCE NETWORKS. <i>Advances in Group Processes</i> , 0, , 1-29.	0.2	36
51	A Theory of the Evolution of Social Power: Natural Trajectories of Interpersonal Influence Systems along Issue Sequences. <i>Sociological Science</i> , 0, 3, 444-472.	2.0	45