

James H Fowler

List of Publications by Year in descending order

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Version: 2024-02-01

162
papers

31,643
citations

13068

68
h-index

8138

148
g-index

165
all docs

165
docs citations

165
times ranked

27193
citing authors

#	ARTICLE	IF	CITATIONS
1	The Spread of Obesity in a Large Social Network over 32 Years. <i>New England Journal of Medicine</i> , 2007, 357, 370-379.	13.9	4,084
2	Using social and behavioural science to support COVID-19 pandemic response. <i>Nature Human Behaviour</i> , 2020, 4, 460-471.	6.2	3,200
3	Computational Social Science. <i>Science</i> , 2009, 323, 721-723.	6.0	2,516
4	The Collective Dynamics of Smoking in a Large Social Network. <i>New England Journal of Medicine</i> , 2008, 358, 2249-2258.	13.9	2,019
5	A 61-million-person experiment in social influence and political mobilization. <i>Nature</i> , 2012, 489, 295-298.	13.7	1,736
6	Dynamic spread of happiness in a large social network: longitudinal analysis over 20 years in the Framingham Heart Study. <i>BMJ: British Medical Journal</i> , 2008, 337, a2338-a2338.	2.4	1,289
7	Social contagion theory: examining dynamic social networks and human behavior. <i>Statistics in Medicine</i> , 2013, 32, 556-577.	0.8	852
8	Social networks and cooperation in hunter-gatherers. <i>Nature</i> , 2012, 481, 497-501.	13.7	602
9	Alone in the crowd: The structure and spread of loneliness in a large social network.. <i>Journal of Personality and Social Psychology</i> , 2009, 97, 977-991.	2.6	593
10	Cooperative behavior cascades in human social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5334-5338.	3.3	579
11	Egalitarian motives in humans. <i>Nature</i> , 2007, 446, 794-796.	13.7	461
12	The Spread of Alcohol Consumption Behavior in a Large Social Network. <i>Annals of Internal Medicine</i> , 2010, 152, 426.	2.0	440
13	Rapid assessment of disaster damage using social media activity. <i>Science Advances</i> , 2016, 2, e1500779.	4.7	431
14	Social Network Sensors for Early Detection of Contagious Outbreaks. <i>PLoS ONE</i> , 2010, 5, e12948.	1.1	414
15	The evolution of overconfidence. <i>Nature</i> , 2011, 477, 317-320.	13.7	410
16	Social network determinants of depression. <i>Molecular Psychiatry</i> , 2011, 16, 273-281.	4.1	405
17	Altruistic punishment and the origin of cooperation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7047-7049.	3.3	392
18	Beyond the Self: Social Identity, Altruism, and Political Participation. <i>Journal of Politics</i> , 2007, 69, 813-827.	1.4	389

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19	Connecting the Congress: A Study of Cosponsorship Networks. <i>Political Analysis</i> , 2006, 14, 456-487.	2.8	364
20	Genetic Variation in Political Participation. <i>American Political Science Review</i> , 2008, 102, 233-248.	2.6	349
21	Detecting Emotional Contagion in Massive Social Networks. <i>PLoS ONE</i> , 2014, 9, e90315.	1.1	329
22	Heritability of cooperative behavior in the trust game. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3721-3726.	3.3	324
23	The evolution of error: error management, cognitive constraints, and adaptive decision-making biases. <i>Trends in Ecology and Evolution</i> , 2013, 28, 474-481.	4.2	317
24	On the Evolutionary Origin of Prospect Theory Preferences. <i>Journal of Politics</i> , 2008, 70, 335-350.	1.4	316
25	Core-Periphery Structure in Networks. <i>SIAM Journal on Applied Mathematics</i> , 2014, 74, 167-190.	0.8	265
26	Two Genes Predict Voter Turnout. <i>Journal of Politics</i> , 2008, 70, 579-594.	1.4	252
27	Social network targeting to maximise population behaviour change: a cluster randomised controlled trial. <i>Lancet, The</i> , 2015, 386, 145-153.	6.3	250
28	Static network structure can stabilize human cooperation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17093-17098.	3.3	215
29	Does self-citation pay?. <i>Scientometrics</i> , 2007, 72, 427-437.	1.6	210
30	Legislative cosponsorship networks in the US House and Senate. <i>Social Networks</i> , 2006, 28, 454-465.	1.3	206
31	Network Analysis and the Law: Measuring the Legal Importance of Precedents at the U.S. Supreme Court. <i>Political Analysis</i> , 2007, 15, 324-346.	2.8	206
32	Model of genetic variation in human social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1720-1724.	3.3	203
33	Estimating peer effects on health in social networks: A response to Cohen-Cole and Fletcher; and Trogdon, Nonnemaker, and Pais. <i>Journal of Health Economics</i> , 2008, 27, 1400-1405.	1.3	201
34	The authority of Supreme Court precedent. <i>Social Networks</i> , 2008, 30, 16-30.	1.3	181
35	Nighttime temperature and human sleep loss in a changing climate. <i>Science Advances</i> , 2017, 3, e1601555.	4.7	180
36	Biology, Politics, and the Emerging Science of Human Nature. <i>Science</i> , 2008, 322, 912-914.	6.0	169

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37	Correlated genotypes in friendship networks. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1993-1997.	3.3	163
38	Inferring Tie Strength from Online Directed Behavior. PLoS ONE, 2013, 8, e52168.	1.1	162
39	Altruism and Turnout. Journal of Politics, 2006, 68, 674-683.	1.4	161
40	Legislative Success in a Small World: Social Network Analysis and the Dynamics of Congressional Legislation. Journal of Politics, 2010, 72, 124-135.	1.4	143
41	Friendships Moderate an Association between a Dopamine Gene Variant and Political Ideology. Journal of Politics, 2010, 72, 1189-1198.	1.4	143
42	Red Brain, Blue Brain: Evaluative Processes Differ in Democrats and Republicans. PLoS ONE, 2013, 8, e52970.	1.1	133
43	Using social and mobile tools for weight loss in overweight and obese young adults (Project SMART): a 2 year, parallel-group, randomised, controlled trial. Lancet Diabetes and Endocrinology, the, 2016, 4, 747-755.	5.5	132
44	Habitual Voting and Behavioral Turnout. Journal of Politics, 2006, 68, 335-344.	1.4	130
45	The Spread of Sleep Loss Influences Drug Use in Adolescent Social Networks. PLoS ONE, 2010, 5, e9775.	1.1	126
46	Community structure in Congressional cosponsorship networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 1705-1712.	1.2	125
47	Born to lead? A twin design and genetic association study of leadership role occupancy. Leadership Quarterly, 2013, 24, 45-60.	3.6	117
48	Patience as a Political Virtue: Delayed Gratification and Turnout. Political Behavior, 2006, 28, 113-128.	1.7	113
49	The Heritability of Partisan Attachment. Political Research Quarterly, 2009, 62, 601-613.	1.1	113
50	Causality in Political Networks. American Politics Research, 2011, 39, 437-480.	0.9	113
51	The Evolution of Homophily. Scientific Reports, 2012, 2, 845.	1.6	111
52	Friendship and natural selection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10796-10801.	3.3	107
53	Partisanship, Voting, and the Dopamine D2 Receptor Gene. Journal of Politics, 2009, 71, 1157-1171.	1.4	104
54	Molecular Genetics and Economics. Journal of Economic Perspectives, 2011, 25, 57-82.	2.7	99

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55	Genes, economics, and happiness.. Journal of Neuroscience, Psychology, and Economics, 2012, 5, 193-211.	0.4	97
56	Climate change may alter human physical activity patterns. Nature Human Behaviour, 2017, 1, .	6.2	97
57	Core-Periphery Structure in Networks (Revisited). SIAM Review, 2017, 59, 619-646.	4.2	96
58	Evolutionary Origins of the Endowment Effect: Evidence from Hunter-Gatherers. American Economic Review, 2014, 104, 1793-1805.	4.0	95
59	Weather impacts expressed sentiment. PLoS ONE, 2018, 13, e0195750.	1.1	92
60	Design and implementation of a randomized controlled social and mobile weight loss trial for young adults (project SMART). Contemporary Clinical Trials, 2014, 37, 10-18.	0.8	91
61	Online social networks and offline protest. EPJ Data Science, 2015, 4, .	1.5	91
62	Click "Like" to Change Your Behavior: A Mixed Methods Study of College Students'™ Exposure to and Engagement With Facebook Content Designed for Weight Loss. Journal of Medical Internet Research, 2014, 16, e158.	2.1	89
63	Stay-at-home orders associate with subsequent decreases in COVID-19 cases and fatalities in the United States. PLoS ONE, 2021, 16, e0248849.	1.1	87
64	Egocentric Social Network Structure, Health, and Pro-Social Behaviors in a National Panel Study of Americans. PLoS ONE, 2012, 7, e36250.	1.1	84
65	Exploiting social influence to magnify population-level behaviour change in maternal and child health: study protocol for a randomised controlled trial of network targeting algorithms in rural Honduras. BMJ Open, 2017, 7, e012996.	0.8	84
66	Egalitarian motive and altruistic punishment. Nature, 2005, 433, E1-E1.	13.7	81
67	Elections and Markets: The Effect of Partisanship, Policy Risk, and Electoral Margins on the Economy. Journal of Politics, 2006, 68, 89-103.	1.4	81
68	Neural basis of egalitarian behavior. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6479-6483.	3.3	81
69	The role of egalitarian motives in altruistic punishment. Economics Letters, 2009, 102, 192-194.	0.9	80
70	The Relationship between Genes, Psychological Traits, and Political Participation. American Journal of Political Science, 2014, 58, 888-903.	2.9	79
71	Using Friends as Sensors to Detect Global-Scale Contagious Outbreaks. PLoS ONE, 2014, 9, e92413.	1.1	75
72	Decision Maker Preferences for International Legal Cooperation. International Organization, 2014, 68, 845-876.	3.6	74

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73	The Structure of Negative Social Ties in Rural Village Networks. <i>Sociological Science</i> , 2019, 6, 197-218.	2.0	74
74	Social influence and political mobilization: Further evidence from a randomized experiment in the 2012 U.S. presidential election. <i>PLoS ONE</i> , 2017, 12, e0173851.	1.1	73
75	Breaking Up Is Hard to Do, Unless Everyone Else Is Doing It Too: Social Network Effects on Divorce in a Longitudinal Sample. <i>Social Forces</i> , 2013, 92, 491-519.	0.9	70
76	Online social integration is associated with reduced mortality risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12980-12984.	3.3	69
77	Quality versus quantity of social ties in experimental cooperative networks. <i>Nature Communications</i> , 2013, 4, 2814.	5.8	68
78	Social network predictors of latrine ownership. <i>Social Science and Medicine</i> , 2015, 125, 129-138.	1.8	68
79	Formation of raiding parties for intergroup violence is mediated by social network structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12114-12119.	3.3	68
80	Contagion of Cooperation in Static and Fluid Social Networks. <i>PLoS ONE</i> , 2013, 8, e66199.	1.1	64
81	Linking Genes and Political Orientations: Testing the Cognitive Ability as Mediator Hypothesis. <i>Political Psychology</i> , 2015, 36, 649-665.	2.2	64
82	In Defense of Genopolitics. <i>American Political Science Review</i> , 2013, 107, 362-374.	2.6	63
83	Parental Influence on Substance Use in Adolescent Social Networks. <i>JAMA Pediatrics</i> , 2012, 166, 1132.	3.6	59
84	Widowhood Effects in Voter Participation. <i>American Journal of Political Science</i> , 2014, 58, 1-16.	2.9	57
85	Social Endorsement Cues and Political Participation. <i>Political Communication</i> , 2017, 34, 261-281.	2.3	57
86	Modeling Dynamical Influence in Human Interaction: Using data to make better inferences about influence within social systems. <i>IEEE Signal Processing Magazine</i> , 2012, 29, 77-86.	4.6	56
87	Clinical trial management of participant recruitment, enrollment, engagement, and retention in the SMART study using a Marketing and Information Technology (MARKIT) model. <i>Contemporary Clinical Trials</i> , 2015, 42, 185-195.	0.8	56
88	Association Between Social Network Communities and Health Behavior: An Observational Sociocentric Network Study of Latrine Ownership in Rural India. <i>American Journal of Public Health</i> , 2014, 104, 930-937.	1.5	52
89	The paradox of weak ties in 55 countries. <i>Journal of Economic Behavior and Organization</i> , 2017, 133, 362-372.	1.0	52
90	Second-order free-riding problem solved?. <i>Nature</i> , 2005, 437, E8-E8.	13.7	51

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91	Big Data Sensors of Organic Advocacy: The Case of Leonardo DiCaprio and Climate Change. PLoS ONE, 2016, 11, e0159885.	1.1	49
92	The Behavioral Logic of Collective Action: Partisans Cooperate and Punish More Than Nonpartisans. Political Psychology, 2010, 31, 595-616.	2.2	47
93	The Southern California Twin Register at the University of Southern California: II. Twin Research and Human Genetics, 2006, 9, 933-940.	0.3	45
94	Social Preferences and Political Participation. Journal of Politics, 2011, 73, 845-856.	1.4	45
95	Dueling biological and social contagions. Scientific Reports, 2017, 7, 43634.	1.6	41
96	The role of self-interest in elite bargaining. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18536-18541.	3.3	38
97	The Southern California Twin Register at the University of Southern California: II. Twin Research and Human Genetics, 2006, 9, 933-40.	0.3	38
98	A Tournament of Party Decision Rules. Journal of Conflict Resolution, 2008, 52, 68-92.	1.1	36
99	An exploratory comparison of name generator content: Data from rural India. Social Networks, 2017, 48, 157-168.	1.3	36
100	A Natural Experiment in Proposal Power and Electoral Success. American Journal of Political Science, 2014, 58, 189-196.	2.9	35
101	Dynamic Parties and Social Turnout: An Agent-Based Model. American Journal of Sociology, 2005, 110, 1070-1094.	0.3	34
102	Same-Sex Sexual Attraction Does Not Spread in Adolescent Social Networks. Archives of Sexual Behavior, 2014, 43, 335-344.	1.2	32
103	Social connectedness is associated with fibrinogen level in a human social network. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160958.	1.2	32
104	Intimate partner violence norms cluster within households: an observational social network study in rural Honduras. BMC Public Health, 2016, 16, 233.	1.2	30
105	Reimagining Human Research Protections for 21st Century Science. Journal of Medical Internet Research, 2016, 18, e329.	2.1	30
106	Distance measures for dynamic citation networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 4201-4208.	1.2	29
107	From Posting to Voting: The Effects of Political Competition on Online Political Engagement. Political Science Research and Methods, 2016, 4, 361-378.	1.7	28
108	Social Networks in Political Science: Hiring and Placement of Ph.D.s, 1960-2002. PS - Political Science and Politics, 2007, 40, 729-739.	0.3	27

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109	Emotion Regulation as the Foundation of Political Attitudes: Does Reappraisal Decrease Support for Conservative Policies?. PLoS ONE, 2013, 8, e83143.	1.1	27
110	Face-to-Face and Online Networks: College Students's Experiences in a Weight-Loss Trial. Journal of Health Communication, 2017, 22, 75-83.	1.2	27
111	Commentary"Contagion in Prescribing Behavior Among Networks of Doctors. Marketing Science, 2011, 30, 213-216.	2.7	26
112	Aspirin use and cardiovascular events in social networks. Social Science and Medicine, 2012, 74, 1125-1129.	1.8	26
113	Relationships between depression, gender, and unhealthy weight loss practices among overweight or obese college students. Eating Behaviors, 2014, 15, 271-274.	1.1	26
114	Self-comparisons as motivators for healthy behavior. Obesity, 2015, 23, 2477-2484.	1.5	25
115	Individual and neighborhood correlates of membership in drug using networks with a higher prevalence of HIV in New York City (2006-2009). Annals of Epidemiology, 2013, 23, 267-274.	0.9	24
116	Strategic Citations to Precedent on the U.S. Supreme Court. Journal of Legal Studies, 2013, 42, 151-186.	0.2	24
117	Social Network Visualization in Epidemiology. Norsk Epidemiologi, 2009, 19, 5-16.	0.2	24
118	Dynamic Responsiveness in the U.S. Senate. American Journal of Political Science, 2005, 49, 299-312.	2.9	23
119	Corruption drives the emergence of civil society. Journal of the Royal Society Interface, 2014, 11, 20131044.	1.5	21
120	The United States and South Korean Democratization. Political Science Quarterly, 1999, 114, 265-288.	0.1	20
121	Policy-Motivated Parties in Dynamic Political Competition. Journal of Theoretical Politics, 2007, 19, 9-31.	0.3	18
122	Words on the Web: Noninvasive Detection of Emotional Contagion in Online Social Networks. Proceedings of the IEEE, 2014, 102, 1911-1921.	16.4	16
123	Friendships Moderate an Association Between a Dopamine Gene Variant and Political Ideology. SSRN Electronic Journal, 2008, , .	0.4	14
124	The Colbert Bump in Campaign Donations: More Truthful than Truthy. PS - Political Science and Politics, 2008, 41, 533-539.	0.3	13
125	The MAOA Gene Predicts Credit Card Debt. SSRN Electronic Journal, 0, , .	0.4	11
126	Violent extremist group ecologies under stress. Scientific Reports, 2013, 3, 1544.	1.6	11

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127	An empirical model for strategic network formation. , 2020, , 123-148.		11
128	Alone in the Crowd: The Structure and Spread of Loneliness in a Large Social Network. SSRN Electronic Journal, 2008, , .	0.4	10
129	Core-Periphery Structure in Networks. SSRN Electronic Journal, 2012, , .	0.4	10
130	International chicken trade and increased risk for introducing or reintroducing highly pathogenic avian influenza A (H5N1) to uninfected countries. Infectious Disease Modelling, 2017, 2, 412-418.	1.2	10
131	Egocentric networks and physical activity outcomes in Latinas. PLoS ONE, 2018, 13, e0199139.	1.1	10
132	Complexity and simplicity in the evolution of decision-making biases. Trends in Ecology and Evolution, 2013, 28, 446-447.	4.2	9
133	Weight and weight control behaviors of Latinas and their social ties.. Health Psychology, 2018, 37, 318-325.	1.3	8
134	Yahtzee: An Anonymized Group Level Matching Procedure. PLoS ONE, 2013, 8, e55760.	1.1	7
135	Prediction of Mortality Using On-Line, Self-Reported Health Data: Empirical Test of the Realage Score. PLoS ONE, 2014, 9, e86385.	1.1	7
136	Credit card borrowing and the monoamine oxidase A (MAOA) gene. Journal of Economic Behavior and Organization, 2014, 107, 428-439.	1.0	7
137	Digit ratio (2D:4D) and social integration: An effect of prenatal sex hormones. Network Science, 2017, 5, 476-489.	0.8	7
138	Breaking Up is Hard to Do, Unless Everyone Else is Doing it Too: Social Network Effects on Divorce in a Longitudinal Sample Followed for 32 Years. SSRN Electronic Journal, 0, , .	0.4	7
139	Community Structure in Congressional Cosponsorship Networks. SSRN Electronic Journal, 0, , .	0.4	6
140	Rejoinder to commentaries on social contagion theory. Statistics in Medicine, 2013, 32, 597-599.	0.8	5
141	Assortative mating at loci under recent natural selection in humans. BioSystems, 2020, 187, 104040.	0.9	5
142	A Behavioral Approach to International Legal Cooperation. SSRN Electronic Journal, 2012, , .	0.4	4
143	A random world is a fair world. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2440-2441.	3.3	4
144	Partisanship, Voting, and the Dopamine D2 Receptor Gene. SSRN Electronic Journal, 0, , .	0.4	4

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145	Epidemiology of <i>Mycobacterium bovis</i> infection in free-ranging rhinoceros in Kruger National Park, South Africa. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	4
146	Two Genes Predict Voter Turnout. SSRN Electronic Journal, 2007, , .	0.4	3
147	Evolutionary Origins of the Endowment Effect: Evidence from Hunter-Gatherers. SSRN Electronic Journal, 0, , .	0.4	3
148	Parties and Agenda-Setting in the Senate, 1973-1998. SSRN Electronic Journal, 0, , .	0.4	3
149	Legislative Success in a Small World: Social Network Analysis and the Dynamics of Congressional Legislation. SSRN Electronic Journal, 0, , .	0.4	3
150	When it's Not All About Me: Altruism, Participation, and Political Context. SSRN Electronic Journal, 2007, , .	0.4	2
151	The mathematics of murder. Nature, 2013, 501, 170-171.	13.7	2
152	Spatiotemporal network structure among "friends of friends" reveals contagious disease process. PLoS ONE, 2020, 15, e0237168.	1.1	2
153	Social network analysis and whole-genome sequencing to evaluate disease transmission in a large, dynamic population: A study of avian mycobacteriosis in zoo birds. PLoS ONE, 2021, 16, e0252152.	1.1	2
154	Longitudinal social network analysis of avian mycobacteriosis incidence in a large population of zoo birds. Preventive Veterinary Medicine, 2021, 193, 105415.	0.7	2
155	Strategic Citations to Precedent on the U.S. Supreme Court. SSRN Electronic Journal, 0, , .	0.4	2
156	Friends, Trust, and Civic Engagement. SSRN Electronic Journal, 0, , .	0.4	2
157	A Tournament of Party Decision Rules. SSRN Electronic Journal, 2007, , .	0.4	1
158	Social Network Predictors of Latrine Ownership. SSRN Electronic Journal, 0, , .	0.4	1
159	Born to Lead? A Twin Design and Genetic Association Study of Leadership Role Occupancy. SSRN Electronic Journal, 2012, , .	0.4	1
160	The Role of Egalitarian Motives in Altruistic Punishment. SSRN Electronic Journal, 0, , .	0.4	1
161	Widower Effects in Voter Participation. SSRN Electronic Journal, 0, , .	0.4	0
162	Day-to-Day Political Engagement Partially Mediates the Effect of Competition on Voting. SSRN Electronic Journal, 0, , .	0.4	0