

James H Fowler

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158 papers	23,555 citations	64 h-index	153 g-index
165 ext. papers	28,026 ext. citations	7.7 avg, IF	7.49 L-index

#	Paper	IF	Citations
158	The spread of obesity in a large social network over 32 years. <i>New England Journal of Medicine</i> , 2007 , 357, 370-9	59.2	3345
157	Social science. Computational social science. <i>Science</i> , 2009 , 323, 721-3	33.3	1961
156	Using social and behavioural science to support COVID-19 pandemic response. <i>Nature Human Behaviour</i> , 2020 , 4, 460-471	12.8	1820
155	The collective dynamics of smoking in a large social network. <i>New England Journal of Medicine</i> , 2008 , 358, 2249-58	59.2	1632
154	A 61-million-person experiment in social influence and political mobilization. <i>Nature</i> , 2012 , 489, 295-8	50.4	1295
153	Dynamic spread of happiness in a large social network: longitudinal analysis over 20 years in the Framingham Heart Study. <i>BMJ, The</i> , 2008 , 337, a2338	5.9	919
152	Social contagion theory: examining dynamic social networks and human behavior. <i>Statistics in Medicine</i> , 2013 , 32, 556-77	2.3	610
151	Social networks and cooperation in hunter-gatherers. <i>Nature</i> , 2012 , 481, 497-501	50.4	472
150	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, 977-91	6.5	445
149	Cooperative behavior cascades in human social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5334-8	11.5	444
148	Egalitarian motives in humans. <i>Nature</i> , 2007 , 446, 794-6	50.4	368
147	The spread of alcohol consumption behavior in a large social network. <i>Annals of Internal Medicine</i> , 2010 , 152, 426-33, W141	8	347
146	Social network sensors for early detection of contagious outbreaks. <i>PLoS ONE</i> , 2010 , 5, e12948	3.7	318
145	Social network determinants of depression. <i>Molecular Psychiatry</i> , 2011 , 16, 273-81	15.1	303
144	Altruistic punishment and the origin of cooperation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7047-9	11.5	297
143	Rapid assessment of disaster damage using social media activity. <i>Science Advances</i> , 2016 , 2, e1500779	14.3	290
142	Genetic Variation in Political Participation. <i>American Political Science Review</i> , 2008 , 102, 233-248	4.5	290

141	Beyond the Self: Social Identity, Altruism, and Political Participation. <i>Journal of Politics</i> , 2007 , 69, 813-827.	2.2	286
140	The evolution of overconfidence. <i>Nature</i> , 2011 , 477, 317-20	50.4	282
139	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, 3721-6	11.5	266
138	Connecting the Congress: A Study of Cosponsorship Networks. <i>Political Analysis</i> , 2006 , 14, 456-487	5.3	254
137	On the Evolutionary Origin of Prospect Theory Preferences. <i>Journal of Politics</i> , 2008 , 70, 335-350	2.2	250
136	The evolution of error: error management, cognitive constraints, and adaptive decision-making biases. <i>Trends in Ecology and Evolution</i> , 2013 , 28, 474-81	10.9	248
135	Detecting emotional contagion in massive social networks. <i>PLoS ONE</i> , 2014 , 9, e90315	3.7	242
134	Two Genes Predict Voter Turnout. <i>Journal of Politics</i> , 2008 , 70, 579-594	2.2	203
133	Core-Periphery Structure in Networks. <i>SIAM Journal on Applied Mathematics</i> , 2014 , 74, 167-190	1.8	201
132	Social network targeting to maximise population behaviour change: a cluster randomised controlled trial. <i>Lancet, The</i> , 2015 , 386, 145-53	40	188
131	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, 1400-5	3.5	170
130	Static network structure can stabilize human cooperation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17093-8	11.5	166
129	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, 1720-4	11.5	161
128	Does self-citation pay?. <i>Scientometrics</i> , 2007 , 72, 427-437	3	154
127	Biology, politics, and the emerging science of human nature. <i>Science</i> , 2008 , 322, 912-4	33.3	142
126	Legislative cosponsorship networks in the US House and Senate. <i>Social Networks</i> , 2006 , 28, 454-465	3.9	140
125	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	5.3	136
124	Correlated genotypes in friendship networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 1993-7	11.5	134

123	The authority of Supreme Court precedent. <i>Social Networks</i> , 2008 , 30, 16-30	3.9	129
122	Inferring tie strength from online directed behavior. <i>PLoS ONE</i> , 2013 , 8, e52168	3.7	124
121	Altruism and Turnout. <i>Journal of Politics</i> , 2006 , 68, 674-683	2.2	119
120	Friendships Moderate an Association Between a Dopamine Gene Variant and Political Ideology. <i>Journal of Politics</i> , 2010 , 72, 1189-1198	2.2	112
119	The spread of sleep loss influences drug use in adolescent social networks. <i>PLoS ONE</i> , 2010 , 5, e9775	3.7	101
118	Community structure in Congressional cosponsorship networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 1705-1712	3.3	101
117	Habitual Voting and Behavioral Turnout. <i>Journal of Politics</i> , 2006 , 68, 335-344	2.2	100
116	Red brain, blue brain: evaluative processes differ in Democrats and Republicans. <i>PLoS ONE</i> , 2013 , 8, e52970	3.7	97
115	The Heritability of Partisan Attachment. <i>Political Research Quarterly</i> , 2009 , 62, 601-613	1.5	97
114	Legislative Success in a Small World: Social Network Analysis and the Dynamics of Congressional Legislation. <i>Journal of Politics</i> , 2010 , 72, 124-135	2.2	97
113	Born to Lead? A Twin Design and Genetic Association Study of Leadership Role Occupancy. <i>Leadership Quarterly</i> , 2013 , 24, 45-60	6.3	90
112	Patience as a Political Virtue: Delayed Gratification and Turnout. <i>Political Behavior</i> , 2006 , 28, 113-128	2.6	90
111	Nighttime temperature and human sleep loss in a changing climate. <i>Science Advances</i> , 2017 , 3, e1601555	14.3	89
110	Using social and mobile tools for weight loss in overweight and obese young adults (Project SMART): a 2 year, parallel-group, randomised, controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 747-755	18.1	87
109	Friendship and natural selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111 Suppl 3, 10796-801	11.5	86
108	Causality in Political Networks. <i>American Politics Research</i> , 2011 , 39, 437-480	1.1	86
107	The evolution of homophily. <i>Scientific Reports</i> , 2012 , 2, 845	4.9	82
106	Partisanship, Voting, and the Dopamine D2 Receptor Gene. <i>Journal of Politics</i> , 2009 , 71, 1157-1171	2.2	81

105	Molecular Genetics and Economics. <i>Journal of Economic Perspectives</i> , 2011 , 25, 57-82	9.9	75
104	Design and implementation of a randomized controlled social and mobile weight loss trial for young adults (project SMART). <i>Contemporary Clinical Trials</i> , 2014 , 37, 10-8	2.3	72
103	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. <i>BMJ Open</i> , 2017 , 7, e012996	3	71
102	Online social networks and offline protest. <i>EPJ Data Science</i> , 2015 , 4,	3.4	71
101	Core-Periphery Structure in Networks (Revisited). <i>SIAM Review</i> , 2017 , 59, 619-646	7.4	70
100	Genes, Economics, and Happiness. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2012 , 5,	1.6	69
99	The role of egalitarian motives in altruistic punishment. <i>Economics Letters</i> , 2009 , 102, 192-194	1.3	68
98	Neural basis of egalitarian behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 6479-83	11.5	68
97	Evolutionary Origins of the Endowment Effect: Evidence from Hunter-Gatherers. <i>American Economic Review</i> , 2014 , 104, 1793-1805	9.7	67
96	Egocentric social network structure, health, and pro-social behaviors in a national panel study of Americans. <i>PLoS ONE</i> , 2012 , 7, e36250	3.7	66
95	Click "like" to change your behavior: a mixed methods study of college students' exposure to and engagement with Facebook content designed for weight loss. <i>Journal of Medical Internet Research</i> , 2014 , 16, e158	7.6	65
94	Using friends as sensors to detect global-scale contagious outbreaks. <i>PLoS ONE</i> , 2014 , 9, e92413	3.7	63
93	The Structure of Negative Social Ties in Rural Village Networks. <i>Sociological Science</i> , 2019 , 6, 197-218	18	62
92	Human behaviour: Egalitarian motive and altruistic punishment. <i>Nature</i> , 2005 , 433, 1 p following 32; discussion following 32	50.4	59
91	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	1.8	56
90	Social network predictors of latrine ownership. <i>Social Science and Medicine</i> , 2015 , 125, 129-38	5.1	55
89	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	11.5	55
88	Elections and Markets: The Effect of Partisanship, Policy Risk, and Electoral Margins on the Economy. <i>Journal of Politics</i> , 2006 , 68, 89-103	2.2	55

87	The Relationship between Genes, Psychological Traits, and Political Participation. <i>American Journal of Political Science</i> , 2014 , 58, 888-903	2.9	54
86	Climate change may alter human physical activity patterns. <i>Nature Human Behaviour</i> , 2017 , 1,	12.8	53
85	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	3.7	53
84	Quality versus quantity of social ties in experimental cooperative networks. <i>Nature Communications</i> , 2013 , 4, 2814	17.4	53
83	Decision Maker Preferences for International Legal Cooperation. <i>International Organization</i> , 2014 , 68, 845-876	3.5	52
82	In Defense of Genopolitics. <i>American Political Science Review</i> , 2013 , 107, 362-374	4.5	50
81	Contagion of Cooperation in Static and Fluid Social Networks. <i>PLoS ONE</i> , 2013 , 8, e66199	3.7	50
80	Weather impacts expressed sentiment. <i>PLoS ONE</i> , 2018 , 13, e0195750	3.7	50
79	Widowhood Effects in Voter Participation. <i>American Journal of Political Science</i> , 2014 , 58, 1-16	2.9	47
78	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, 185-95	2.3	45
77	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	11.5	45
76	An Empirical Model for Strategic Network Formation 2010 ,		45
75	Human cooperation: second-order free-riding problem solved?. <i>Nature</i> , 2005 , 437, E8; discussion E8-9	50.4	45
74	Linking Genes and Political Orientations: Testing the Cognitive Ability as Mediator Hypothesis. <i>Political Psychology</i> , 2015 , 36, 649-665	3.6	44
73	The Behavioral Logic of Collective Action: Partisans Cooperate and Punish More Than Nonpartisans. <i>Political Psychology</i> , 2010 , 31, 595-616	3.6	44
72	The Effect of Stay-at-Home Orders on COVID-19 Cases and Fatalities in the United States		44
71	Social Endorsement Cues and Political Participation. <i>Political Communication</i> , 2017 , 34, 261-281	3.6	43
70	Parental influence on substance use in adolescent social networks. <i>JAMA Pediatrics</i> , 2012 , 166, 1132-9		43

69	The Southern California Twin Register at the University of Southern California: II. <i>Twin Research and Human Genetics</i> , 2006 , 9, 933-940	2.2	40
68	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, 930-7	5.1	39
67	The Southern California Twin Register at the University of Southern California: II. <i>Twin Research and Human Genetics</i> , 2006 , 9, 933-40	2.2	38
66	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	9.4	36
65	Social Preferences and Political Participation. <i>Journal of Politics</i> , 2011 , 73, 845-856	2.2	35
64	Dueling biological and social contagions. <i>Scientific Reports</i> , 2017 , 7, 43634	4.9	33
63	Big Data Sensors of Organic Advocacy: The Case of Leonardo DiCaprio and Climate Change. <i>PLoS ONE</i> , 2016 , 11, e0159885	3.7	32
62	A Tournament of Party Decision Rules. <i>Journal of Conflict Resolution</i> , 2008 , 52, 68-92	2.2	31
61	A Natural Experiment in Proposal Power and Electoral Success. <i>American Journal of Political Science</i> , 2014 , 58, 189-196	2.9	30
60	The paradox of weak ties in 55 countries. <i>Journal of Economic Behavior and Organization</i> , 2017 , 133, 362-372	3.6	26
59	Dynamic Parties and Social Turnout: An Agent-Based Model. <i>American Journal of Sociology</i> , 2005 , 110, 1070-1094	4.3	26
58	Social connectedness is associated with fibrinogen level in a human social network. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	25
57	The role of self-interest in elite bargaining. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18536-41	11.5	25
56	From Posting to Voting: The Effects of Political Competition on Online Political Engagement*. <i>Political Science Research and Methods</i> , 2016 , 4, 361-378	2.4	24
55	Intimate partner violence norms cluster within households: an observational social network study in rural Honduras. <i>BMC Public Health</i> , 2016 , 16, 233	4.1	24
54	Reimagining Human Research Protections for 21st Century Science. <i>Journal of Medical Internet Research</i> , 2016 , 18, e329	7.6	24
53	Same-sex sexual attraction does not spread in adolescent social networks. <i>Archives of Sexual Behavior</i> , 2014 , 43, 335-44	3.5	23
52	Aspirin use and cardiovascular events in social networks. <i>Social Science and Medicine</i> , 2012 , 74, 1125-9	5.1	22

51	Individual and neighborhood correlates of membership in drug using networks with a higher prevalence of HIV in New York City (2006-2009). <i>Annals of Epidemiology</i> , 2013 , 23, 267-74	6.4	22
50	An exploratory comparison of name generator content: Data from rural India. <i>Social Networks</i> , 2017 , 48, 157-168	3.9	22
49	Stay-at-home orders associate with subsequent decreases in COVID-19 cases and fatalities in the United States. <i>PLoS ONE</i> , 2021 , 16, e0248849	3.7	22
48	Self-comparisons as motivators for healthy behavior. <i>Obesity</i> , 2015 , 23, 2477-84	8	21
47	Distance measures for dynamic citation networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 4201-4208	3.3	21
46	Social Network Visualization in Epidemiology. <i>Norsk Epidemiologi</i> , 2009 , 19, 5-16	2.8	21
45	Emotion regulation as the foundation of political attitudes: does reappraisal decrease support for conservative policies?. <i>PLoS ONE</i> , 2013 , 8, e83143	3.7	20
44	Commentary Contagion in Prescribing Behavior Among Networks of Doctors. <i>Marketing Science</i> , 2011 , 30, 213-216	3.6	20
43	Social Networks in Political Science: Hiring and Placement of Ph.D.s, 1960-2002. <i>PS - Political Science and Politics</i> , 2007 , 40, 729-739	0.4	20
42	Dynamic Responsiveness in the U.S. Senate. <i>American Journal of Political Science</i> , 2005 , 49, 299-312	2.9	19
41	Relationships between depression, gender, and unhealthy weight loss practices among overweight or obese college students. <i>Eating Behaviors</i> , 2014 , 15, 271-4	3	18
40	Face-to-Face and Online Networks: College Students' Experiences in a Weight-Loss Trial. <i>Journal of Health Communication</i> , 2017 , 22, 75-83	2.5	16
39	Policy-Motivated Parties in Dynamic Political Competition. <i>Journal of Theoretical Politics</i> , 2007 , 19, 9-31	0.5	15
38	Corruption drives the emergence of civil society. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20131044	4.1	14
37	The United States and South Korean Democratization. <i>Political Science Quarterly</i> , 1999 , 114, 265-288	1	14
36	Strategic Citations to Precedent on the U.S. Supreme Court. <i>Journal of Legal Studies</i> , 2013 , 42, 151-186	1.1	13
35	Violent extremist group ecologies under stress. <i>Scientific Reports</i> , 2013 , 3, 1544	4.9	11
34	The Colbert Bump in Campaign Donations: More Truthful than Truthy. <i>PS - Political Science and Politics</i> , 2008 , 41, 533-539	0.4	11

33	Friendships Moderate an Association Between a Dopamine Gene Variant and Political Ideology. <i>SSRN Electronic Journal</i> , 2008 ,	1	10
32	. <i>Proceedings of the IEEE</i> , 2014 , 102, 1911-1921	14.3	9
31	The MAOA Gene Predicts Credit Card Debt. <i>SSRN Electronic Journal</i> , 2010 ,	1	9
30	Egocentric networks and physical activity outcomes in Latinas. <i>PLoS ONE</i> , 2018 , 13, e0199139	3.7	9
29	Complexity and simplicity in the evolution of decision-making biases. <i>Trends in Ecology and Evolution</i> , 2013 , 28, 446-7	10.9	7
28	Core-Periphery Structure in Networks. <i>SSRN Electronic Journal</i> , 2012 ,	1	7
27	Yahtzee: an anonymized group level matching procedure. <i>PLoS ONE</i> , 2013 , 8, e55760	3.7	6
26	Alone in the Crowd: The Structure and Spread of Loneliness in a Large Social Network. <i>SSRN Electronic Journal</i> , 2008 ,	1	6
25	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. <i>SSRN Electronic Journal</i> ,	1	6
24	Rejoinder to commentaries on social contagion theory. <i>Statistics in Medicine</i> , 2013 , 32, 597-599	2.3	5
23	Digit ratio (2D:4D) and social integration: An effect of prenatal sex hormones. <i>Network Science</i> , 2017 , 5, 476-489	2.9	5
22	Weight and weight control behaviors of Latinas and their social ties. <i>Health Psychology</i> , 2018 , 37, 318-325		5
21	International chicken trade and increased risk for introducing or reintroducing highly pathogenic avian influenza A (H5N1) to uninfected countries. <i>Infectious Disease Modelling</i> , 2017 , 2, 412-418	15.7	4
20	An empirical model for strategic network formation 2020 , 123-148		4
19	Credit card borrowing and the monoamine oxidase A (MAOA) gene. <i>Journal of Economic Behavior and Organization</i> , 2014 , 107, 428-439	1.6	4
18	Prediction of mortality using on-line, self-reported health data: empirical test of the RealAge score. <i>PLoS ONE</i> , 2014 , 9, e86385	3.7	4
17	A Behavioral Approach to International Legal Cooperation. <i>SSRN Electronic Journal</i> , 2012 ,	1	4
16	A random world is a fair world. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 2440-1	11.5	4

15	Partisanship, Voting, and the Dopamine D2 Receptor Gene. <i>SSRN Electronic Journal</i> ,	1	3
14	Assortative mating at loci under recent natural selection in humans. <i>BioSystems</i> , 2020 , 187, 104040	1.9	3
13	Parties and Agenda-Setting in the Senate, 1973-1998. <i>SSRN Electronic Journal</i> ,	1	2
12	Spatiotemporal network structure among "friends of friends" reveals contagious disease process. <i>PLoS ONE</i> , 2020 , 15, e0237168	3.7	2
11	Social Network Predictors of Latrine Ownership. <i>SSRN Electronic Journal</i> , 2012 ,	1	1
10	Born to Lead? A Twin Design and Genetic Association Study of Leadership Role Occupancy. <i>SSRN Electronic Journal</i> , 2012 ,	1	1
9	A Tournament of Party Decision Rules. <i>SSRN Electronic Journal</i> , 2007 ,	1	1
8	When it's Not All About Me: Altruism, Participation, and Political Context. <i>SSRN Electronic Journal</i> , 2007 ,	1	1
7	Two Genes Predict Voter Turnout. <i>SSRN Electronic Journal</i> , 2007 ,	1	1
6	The Role of Egalitarian Motives in Altruistic Punishment. <i>SSRN Electronic Journal</i> ,	1	1
5	Strategic Citations to Precedent on the U.S. Supreme Court. <i>SSRN Electronic Journal</i> ,	1	1
4	Community Structure in Congressional Cosponsorship Networks. <i>SSRN Electronic Journal</i> ,	1	1
3	Friends, Trust, and Civic Engagement. <i>SSRN Electronic Journal</i> ,	1	1
2	Social network analysis and whole-genome sequencing to evaluate disease transmission in a large, dynamic population: A study of avian mycobacteriosis in zoo birds. <i>PLoS ONE</i> , 2021 , 16, e0252152	3.7	
1	Longitudinal social network analysis of avian mycobacteriosis incidence in a large population of zoo birds. <i>Preventive Veterinary Medicine</i> , 2021 , 193, 105415	3.1	