

# Nicholas A Christakis

## List of Publications by Year in descending order

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79  
papers

15,898  
citations

109137

35  
h-index

69108

77  
g-index

79  
all docs

79  
docs citations

79  
times ranked

14924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing super-spreaders using population-level weighted social networks in rural communities. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210123.	1.6	2
2	Using Trellis software to enhance high-quality large-scale network data collection in the field. <i>Social Networks</i> , 2021, 66, 171-184.	1.3	10
3	Triadic embeddedness structure in family networks predicts mobile communication response to a sudden natural disaster. <i>Nature Communications</i> , 2021, 12, 4286.	5.8	6
4	Household food insecurity and health in a high-migration area in rural Honduras. <i>SSM - Population Health</i> , 2021, 15, 100885.	1.3	2
5	Assortative mating at loci under recent natural selection in humans. <i>BioSystems</i> , 2020, 187, 104040.	0.9	5
6	Network Engineering Using Autonomous Agents Increases Cooperation in Human Groups. <i>IScience</i> , 2020, 23, 101438.	1.9	20
7	Collective communication and behaviour in response to uncertain "Danger"™ in network experiments. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190685.	1.0	6
8	Testing for Balance in Social Networks. <i>Journal of the American Statistical Association</i> , 2020, , 1-19.	1.8	4
9	Lack of sexual behavior disclosure may distort STI testing outcomes. <i>BMC Public Health</i> , 2020, 20, 616.	1.2	5
10	Population flow drives spatio-temporal distribution of COVID-19 in China. <i>Nature</i> , 2020, 582, 389-394.	13.7	615
11	Vulnerable robots positively shape human conversational dynamics in a human"robot team. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6370-6375.	3.3	65
12	Mindfulness Meditation Activates Altruism. <i>Scientific Reports</i> , 2020, 10, 6511.	1.6	30
13	Assortative mixing and resource inequality enhance collective welfare in sharing networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22442-22444.	3.3	9
14	Pay-it-forward gonorrhea and chlamydia testing among men who have sex with men in China: a study protocol for a three-arm cluster randomized controlled trial. <i>Infectious Diseases of Poverty</i> , 2019, 8, 76.	1.5	11
15	Do village-level normative and network factors help explain spatial variability in adolescent childbearing in rural Honduras?. <i>SSM - Population Health</i> , 2019, 9, 100371.	1.3	8
16	Machine behaviour. <i>Nature</i> , 2019, 568, 477-486.	13.7	536
17	Resource sharing in technologically defined social networks. <i>Nature Communications</i> , 2019, 10, 1079.	5.8	28
18	Network multipliers and public health. <i>International Journal of Epidemiology</i> , 2019, 48, 1032-1037.	0.9	22

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19	Association Between Degrees of Separation in Physician Networks and Surgeons' Use of Perioperative Breast Magnetic Resonance Imaging. <i>Medical Care</i> , 2019, 57, 460-467.	1.1	9
20	The Structure of Negative Social Ties in Rural Village Networks. <i>Sociological Science</i> , 2019, 6, 197-218.	2.0	74
21	Exposure, hazard, and survival analysis of diffusion on social networks. <i>Statistics in Medicine</i> , 2018, 37, 2561-2585.	0.8	9
22	Surgeon peer network characteristics and adoption of new imaging techniques in breast cancer: A study of perioperative MRI. <i>Cancer Medicine</i> , 2018, 7, 5901-5909.	1.3	13
23	Cyclic motifs in the Sardex monetary network. <i>Nature Human Behaviour</i> , 2018, 2, 822-829.	6.2	19
24	The "average" treatment effect: A construct ripe for retirement. A commentary on Deaton and Cartwright. <i>Social Science and Medicine</i> , 2018, 210, 77-82.	1.8	39
25	Dueling biological and social contagions. <i>Scientific Reports</i> , 2017, 7, 43634.	1.6	41
26	Locally noisy autonomous agents improve global human coordination in network experiments. <i>Nature</i> , 2017, 545, 370-374.	13.7	201
27	Influence of a patient transfer network of US inpatient facilities on the incidence of nosocomial infections. <i>Scientific Reports</i> , 2017, 7, 2930.	1.6	23
28	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.	0.8	84
29	An exploratory comparison of name generator content: Data from rural India. <i>Social Networks</i> , 2017, 48, 157-168.	1.3	36
30	Social Environment Shapes the Speed of Cooperation. <i>Scientific Reports</i> , 2016, 6, 29622.	1.6	28
31	Female genital cutting under the spotlight. <i>Nature</i> , 2016, 538, 465-466.	13.7	0
32	Social connectedness is associated with fibrinogen level in a human social network. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160958.	1.2	32
33	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
34	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
35	Intimate partner violence norms cluster within households: an observational social network study in rural Honduras. <i>BMC Public Health</i> , 2016, 16, 233.	1.2	30
36	Modeling the Role of Networks and Individual Differences in Inter-Group Violence. <i>PLoS ONE</i> , 2016, 11, e0148314.	1.1	7

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37	Self-comparisons as motivators for healthy behavior. <i>Obesity</i> , 2015, 23, 2477-2484.	1.5	25
38	Social network targeting to maximise population behaviour change: a cluster randomised controlled trial. <i>Lancet, The</i> , 2015, 386, 145-153.	6.3	250
39	Human behavior under economic inequality shapes inequality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15781-15782.	3.3	19
40	Cohort of birth modifies the association between FTO genotype and BMI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 354-359.	3.3	90
41	Inequality and visibility of wealth in experimental social networks. <i>Nature</i> , 2015, 526, 426-429.	13.7	243
42	Social networks and health: A systematic review of sociocentric network studies in low- and middle-income countries. <i>Social Science and Medicine</i> , 2015, 125, 60-78.	1.8	197
43	Detecting Emotional Contagion in Massive Social Networks. <i>PLoS ONE</i> , 2014, 9, e90315.	1.1	329
44	Using Friends as Sensors to Detect Global-Scale Contagious Outbreaks. <i>PLoS ONE</i> , 2014, 9, e92413.	1.1	75
45	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
46	Estimating peer effects in longitudinal dyadic data using instrumental variables. <i>Biometrics</i> , 2014, 70, 506-515.	0.8	40
47	Effects of Proximate Foreclosed Properties on Individuals' Systolic Blood Pressure in Massachusetts, 1987 to 2008. <i>Circulation</i> , 2014, 129, 2262-2268.	1.6	31
48	Friendship and natural selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10796-10801.	3.3	107
49	Social contagion theory: examining dynamic social networks and human behavior. <i>Statistics in Medicine</i> , 2013, 32, 556-577.	0.8	852
50	Quality versus quantity of social ties in experimental cooperative networks. <i>Nature Communications</i> , 2013, 4, 2814.	5.8	68
51	Genes, economics, and happiness.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2012, 5, 193-211.	0.4	97
52	Spreading paths in partially observed social networks. <i>Physical Review E</i> , 2012, 85, 036106.	0.8	24
53	Variation in Patient-Sharing Networks of Physicians Across the United States. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 265-73.	3.8	206
54	Dynamic social networks promote cooperation in experiments with humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19193-19198.	3.3	534

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55	Geographic Constraints on Social Network Groups. PLoS ONE, 2011, 6, e16939.	1.1	245
56	Mapping Physician Networks with Self-Reported and Administrative Data. Health Services Research, 2011, 46, 1592-1609.	1.0	180
57	Time to CARE: a collaborative engine for practical disease prediction. Data Mining and Knowledge Discovery, 2010, 20, 388-415.	2.4	113
58	Social Network Sensors for Early Detection of Contagious Outbreaks. PLoS ONE, 2010, 5, e12948.	1.1	414
59	Emotions as infectious diseases in a large social network: the SISa model. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3827-3835.	1.2	253
60	Cooperative behavior cascades in human social networks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5334-5338.	3.3	579
61	Leadership Insularity: A New Measure of Connectivity Between Central Nodes in Networks. Connections, 2010, 30, 4-10.	0.2	1
62	Model of genetic variation in human social networks. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1720-1724.	3.3	203
63	The anthroposphere is changing. BMJ: British Medical Journal, 2009, 338, b1534-b1534.	2.4	0
64	Social Network Visualization in Epidemiology. Norsk Epidemiologi, 2009, 19, 5-16.	0.2	24
65	Social Networks and Health. Annual Review of Sociology, 2008, 34, 405-429.	3.1	1,247
66	Bias and asymmetric loss in expert forecasts: A study of physician prognostic behavior with respect to patient survival. Journal of Health Economics, 2008, 27, 1095-1108.	1.3	13
67	When networks can teach us about drug use. BMJ: British Medical Journal, 2008, 336, 420-420.	2.4	2
68	Health care in a web. BMJ: British Medical Journal, 2008, 336, 1468-1468.	2.4	9
69	The Collective Dynamics of Smoking in a Large Social Network. New England Journal of Medicine, 2008, 358, 2249-2258.	13.9	2,019
70	Medicine may change our genes. BMJ: British Medical Journal, 2008, 336, 1101-1101.	2.4	1
71	Valuing the well connected. BMJ: British Medical Journal, 2008, 337, a1675-a1675.	2.4	6
72	This allergies hysteria is just nuts. BMJ: British Medical Journal, 2008, 337, a2880-a2880.	2.4	21

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73	Too quietly into the night. <i>BMJ: British Medical Journal</i> , 2008, 337, a696-a696.	2.4	1
74	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
75	Mortality after the Hospitalization of a Spouse. <i>New England Journal of Medicine</i> , 2006, 354, 719-730.	13.9	432
76	The health impact of health care on families: a matched cohort study of hospice use by decedents and mortality outcomes in surviving, widowed spouses. <i>Social Science and Medicine</i> , 2003, 57, 465-475.	1.8	290
77	Care After the Onset of Serious Illness: A Novel Claims-Based Dataset Exploiting Substantial Cross-Set Linkages to Study End-of-Life Care. <i>Journal of Palliative Medicine</i> , 2002, 5, 515-529.	0.6	21
78	Finding Married Couples in Medicare Claims Data. <i>Health Services and Outcomes Research Methodology</i> , 2002, 3, 75-86.	0.8	10
79	The Performance of Different Lookback Periods and Sources of Information for Charlson Comorbidity Adjustment in Medicare Claims. <i>Medical Care</i> , 1999, 37, 1128-1139.	1.1	162