

# Kenneth A Frank

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

6,142  
citations

101543

36  
h-index

74163

75  
g-index

91  
all docs

91  
docs citations

91  
times ranked

4297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compartments revealed in food-web structure. <i>Nature</i> , 2003, 426, 282-285.	27.8	614
2	Impact of a Confounding Variable on a Regression Coefficient. <i>Sociological Methods and Research</i> , 2000, 29, 147-194.	6.8	611
3	Factors Affecting Technology Uses in Schools: An Ecological Perspective. <i>American Educational Research Journal</i> , 2003, 40, 807-840.	2.7	532
4	Social Capital and the Diffusion of Innovations Within Organizations: The Case of Computer Technology in Schools. <i>Sociology of Education</i> , 2004, 77, 148-171.	2.6	390
5	Analyzing Teachers's Professional Interactions in a School as Social Capital: A Social Network Approach. <i>Teachers College Record</i> , 2009, 111, 124-163.	0.9	293
6	The Social Dynamics of Mathematics Coursetaking in High School. <i>American Journal of Sociology</i> , 2008, 113, 1645-1696.	0.5	273
7	What Would It Take to Change an Inference? Using Rubin's Causal Model to Interpret the Robustness of Causal Inferences. <i>Educational Evaluation and Policy Analysis</i> , 2013, 35, 437-460.	2.5	224
8	Linking Action to Social Structure within a System: Social Capital within and between Subgroups. <i>American Journal of Sociology</i> , 1998, 104, 642-686.	0.5	191
9	The Embeddedness of Adolescent Friendship Nominations: The Formation of Social Capital in Emergent Network Structures. <i>American Journal of Sociology</i> , 2013, 119, 216-253.	0.5	158
10	Identifying cohesive subgroups. <i>Social Networks</i> , 1995, 17, 27-56.	2.1	154
11	Mapping interactions within and between cohesive subgroups. <i>Social Networks</i> , 1996, 18, 93-119.	2.1	133
12	Instructional Advice and Information Providing and Receiving Behavior in Elementary Schools. <i>American Educational Research Journal</i> , 2012, 49, 1112-1145.	2.7	129
13	Parents's Union Dissolution and Adolescents's School Performance: Comparing Methodological Approaches. <i>Journal of Marriage and Family</i> , 2007, 69, 721-741.	2.6	110
14	Using Social Network Analysis to Study How Collegial Interactions Can Augment Teacher Learning from External Professional Development. <i>American Journal of Education</i> , 2012, 119, 103-136.	1.1	110
15	Peer Group Contexts of Girls's and Boys's Academic Experiences. <i>Child Development</i> , 2008, 79, 139-155.	3.0	96
16	Focus, Fiddle, and Friends. <i>Sociology of Education</i> , 2011, 84, 137-156.	2.6	95
17	Shaping Professional Development to Promote the Diffusion of Instructional Expertise Among Teachers. <i>Educational Evaluation and Policy Analysis</i> , 2013, 35, 344-369.	2.5	95
18	konfound: Command to quantify robustness of causal inferences. <i>The Stata Journal</i> , 2019, 19, 523-550.	2.2	95

#	ARTICLE	IF	CITATIONS
19	Organization Culture as a Complex System: Balance and Information in Models of Influence and Selection. <i>Organization Science</i> , 1999, 10, 253-277.	4.5	92
20	Sizing up Peers. <i>Journal of Health and Social Behavior</i> , 2010, 51, 64-78.	4.8	84
21	Political influences on greenhouse gas emissions from US states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8254-8259.	7.1	75
22	The Role of School-Based Colleagues in Shaping the Commitment of Novice Special and General Education Teachers. <i>Exceptional Children</i> , 2013, 79, 365-383.	2.2	72
23	Peer Context and the Consequences of Adolescent Drinking. <i>Social Problems</i> , 2004, 51, 288-304.	2.9	70
24	Invasive species impacts on ecosystem structure and function: A comparison of Oneida Lake, New York, USA, before and after zebra mussel invasion. <i>Ecological Modelling</i> , 2009, 220, 3194-3209.	2.5	56
25	Does NBPTS Certification Affect the Number of Colleagues a Teacher Helps With Instructional Matters?. <i>Educational Evaluation and Policy Analysis</i> , 2008, 30, 3-30.	2.5	55
26	Collegial Climate and Novice Teachers' Intent to Remain Teaching. <i>American Journal of Education</i> , 2013, 120, 27-54.	1.1	55
27	Identifying positions from affiliation networks: Preserving the duality of people and events. <i>Social Networks</i> , 2006, 28, 97-123.	2.1	53
28	Teacher Types, Workplace Controls, and the Organization of Schools. <i>Sociology of Education</i> , 1997, 70, 285.	2.6	51
29	Burnout contagion: Is it due to early career teachers' social networks or organizational exposure?. <i>Teaching and Teacher Education</i> , 2017, 66, 250-260.	3.2	51
30	Longitudinal effects of integrated treatment on alcohol use for persons with serious mental illness and substance use disorders. <i>Journal of Behavioral Health Services and Research</i> , 2000, 27, 286-302.	1.4	50
31	Social network analysis of mating patterns in American black bears ( <i>Ursus americanus</i> ). <i>Molecular Ecology</i> , 2015, 24, 4010-4022.	3.9	49
32	Chapter 5: Quantitative Methods for Studying Social Context in Multilevels and Through Interpersonal Relations. <i>Review of Research in Education</i> , 1998, 23, 171-216.	1.6	47
33	How External Institutions Penetrate Schools Through Formal and Informal Leaders. <i>Educational Administration Quarterly</i> , 2013, 49, 610-644.	3.0	46
34	Social Contexts of Substance Use Among U.S. High School Seniors: A Multicohort National Study. <i>Journal of Adolescent Health</i> , 2014, 55, 842-844.	2.5	42
35	Quasi-Ties. <i>American Behavioral Scientist</i> , 2009, 52, 1613-1645.	3.8	41
36	International Tourism Dynamics in a Globalized World: A Social Network Analysis Approach. <i>Journal of Travel Research</i> , 2020, 59, 387-403.	9.0	40

#	ARTICLE	IF	CITATIONS
37	Exploring Colleaguesâ€™ Professional Influence on Mathematics Teachersâ€™ Learning. Teachers College Record, 2014, 116, 1-30.	0.9	38
38	Quantitative Methods for Studying Social Context in Multilevels and through Interpersonal Relations. Review of Research in Education, 1998, 23, 171.	1.6	37
39	Social Networks and Fisheries: The Relationship between a Charter Fishing Network, Social Capital, and Catch Dynamics. North American Journal of Fisheries Management, 2008, 28, 447-462.	1.0	37
40	Invasive species impacts on ecosystem structure and function: A comparison of the Bay of Quinte, Canada, and Oneida Lake, USA, before and after zebra mussel invasion. Ecological Modelling, 2009, 220, 3182-3193.	2.5	36
41	WHAT IS A "GOOD" SOCIAL NETWORK FOR POLICY IMPLEMENTATION? THE FLOW OF KNOW-HOW FOR ORGANIZATIONAL CHANGE. Journal of Policy Analysis and Management, 2015, 34, 378-402.	1.4	34
42	Selecting Expertise in Context. American Educational Research Journal, 2016, 53, 456-491.	2.7	33
43	Administrative Climate and Novices' Intent to Remain Teaching. Elementary School Journal, 2012, 113, 252-275.	1.4	28
44	Innovation diffusion within large environmental NGOs through informal network agents. Nature Sustainability, 2018, 1, 190-197.	23.7	28
45	V. THE DIFFERENTIAL ASSOCIATION OF ADIPOSITY AND FITNESS WITH COGNITIVE CONTROL IN PREADOLESCENT CHILDREN. Monographs of the Society for Research in Child Development, 2014, 79, 72-92.	6.8	26
46	Social network analysis of the influences of educational reforms on teachersâ€™ practices and interactions. Zeitschrift Fur Erziehungswissenschaft, 2014, 17, 117-134.	2.9	24
47	Dollars, Distinction, or Duty? The Meaning of the National Board for Professional Teaching Standards for Teachersâ€™ Work and Collegial Relations. American Journal of Education, 2010, 116, 337-369.	1.1	21
48	A Probability Index of the Robustness of a Causal Inference. Journal of Educational and Behavioral Statistics, 2003, 28, 315-337.	1.7	20
49	Collective responsibility for learning: Effects on interactions between novice teachers and colleagues. Journal of Educational Change, 2013, 14, 445-464.	3.6	19
50	Do Social Networks Influence Small-Scale Fishermenâ€™s Enforcement of Sea Tenure?. PLoS ONE, 2015, 10, e0121431.	2.5	19
51	Hypothetical case replacement can be used to quantify the robustness of trial results. Journal of Clinical Epidemiology, 2021, 134, 150-159.	5.0	18
52	Are Expectations Alone Enough? Estimating the Effect of a Mandatory College-Prep Curriculum in Michigan. Educational Evaluation and Policy Analysis, 2017, 39, 333-360.	2.5	17
53	Integrative Collaboration in Fragmented Project Organizations: Network Perspective. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	3.8	17
54	The spatial and temporal dynamics of global meat trade networks. Scientific Reports, 2020, 10, 16657.	3.3	16

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55	Seeing Colleagues as Learning Resources: The Influence of Mathematics Teacher Meetings on Advice-Seeking Social Networks. <i>AERA Open</i> , 2020, 6, 233285842091489.	2.1	16
56	From Interpretation to Instructional Practice: A Network Study of Early-Career Teachers' Sensemaking in the Era of Accountability Pressures and Common Core State Standards. <i>American Educational Research Journal</i> , 2020, 57, 2293-2338.	2.7	16
57	Emergence and Evolution of Network Structures in Complex Interorganizational Project Teams. <i>Journal of Management in Engineering - ASCE</i> , 2021, 37, .	4.8	16
58	Social Networks and Educational Opportunity. <i>Handbooks of Sociology and Social Research</i> , 2018, , 297-316.	0.1	15
59	IMPLEMENTATION OF EVIDENCE-BASED PRACTICE IN HUMAN SERVICE ORGANIZATIONS: IMPLICATIONS FROM AGENT-BASED MODELS. <i>Journal of Policy Analysis and Management</i> , 2018, 37, 867-895.	1.4	15
60	Global wheat trade and Codex Alimentarius guidelines for deoxynivalenol: A mycotoxin common in wheat. <i>Global Food Security</i> , 2021, 29, 100538.	8.1	14
61	Information Flow within the Social Network Structure of a Joint Strategic Plan for Management of Great Lakes Fisheries. <i>North American Journal of Fisheries Management</i> , 2011, 31, 629-655.	1.0	13
62	How Different Forms of Social Capital Created Through Project Team Assignments Influence Employee Adoption of Sustainability Practices. <i>Organization and Environment</i> , 2021, 34, 43-73.	4.3	11
63	The Impact of Being Labeled as a Persistently Lowest Achieving School: Regression Discontinuity Evidence on Consequential School Labeling. <i>American Journal of Education</i> , 2017, 123, 585-613.	1.1	10
64	Educational Research in the Twenty-First Century. <i>Elementary School Journal</i> , 2021, 122, 86-111.	1.4	10
65	Understanding Peer Influence in Hunter Harvest Decisions Using Social Network Theory and Analysis. <i>Human Dimensions of Wildlife</i> , 2016, 21, 414-426.	1.8	9
66	An approximation to the distribution of the product of two dependent correlation coefficients. <i>Journal of Statistical Computation and Simulation</i> , 2004, 74, 419-443.	1.2	8
67	Expertise Flows and Network Structures in AEC Project Teams. , 2020, , .		7
68	Sensitivity analysis for network observations with applications to inferences of social influence effects. <i>Network Science</i> , 2021, 9, 73-98.	1.0	6
69	The role of a multi-jurisdictional organization in developing ecosystem-based management for fisheries in the Great Lakes basin. <i>Aquatic Ecosystem Health and Management</i> , 2019, 22, 329-341.	0.6	3
70	Understanding and Promoting Teacher Connections in Online Social Media: A Case Study on Pinterest. , 2020, , .		3
71	Theories and Research Methodologies for Design-Based Implementation Research: Examples from Four Cases. <i>Teachers College Record</i> , 2013, 115, 157-191.	0.9	3
72	External Contextual Factors and Teacher Turnover: The Case of Michigan High Schools. <i>Teachers College Record</i> , 2019, 121, 1-30.	0.9	3

#	ARTICLE	IF	CITATIONS
73	A network intervention for natural resource management in the context of climate change. <i>Social Networks</i> , 2022, , .	2.1	3
74	The intersection of global trade, social networks, and fisheries. , 2001, , 385-423.		2
75	Project Labor Agreementsâ€™ Effect on School Construction Costs in Massachusetts. <i>Industrial Relations</i> , 2010, 49, 44-60.	1.6	2
76	The Impact of the Michigan Merit Curriculum on High School Math Course-Taking. <i>Educational Evaluation and Policy Analysis</i> , 2019, 41, 164-188.	2.5	2
77	High school studentsâ€™ friendship network, physical activity and residential locations â€” a stochastic actor based model. <i>Computational Urban Science</i> , 2021, 1, 1.	3.2	2
78	Quantifying the Robustness of Empirical Inferences in Strategic Management: The Impact Threshold of a Confounding Variable and Robustness of Inference to Replacement. <i>Research Methodology in Strategy and Management</i> , 2021, , 123-150.	0.3	2
79	Factors affecting students' learning from a designâ€based implementation research project in diverse education systems. <i>Journal of Research in Science Teaching</i> , 2022, 59, 808-840.	3.3	2
80	Project Team Collaborations during Time of Disruptions: Transaction Costs, Knowledge Flows, and Social Network Theory Perspective. , 2022, , .		2
81	The market dynamics of socially embedded trading. <i>Rationality and Society</i> , 2019, 31, 152-181.	1.1	1
82	The Implications for Network Structure of Dynamic Feedback Between Influence and Selection. <i>Lecture Notes in Computer Science</i> , 2016, , 133-141.	1.3	1
83	Knowledge Exchanges in Complex Project Networks: Influence Model. , 2022, , .		1
84	Teacher Evaluation, Ambitious Mathematics Instruction, and Mathematical Knowledge for Teaching: Evidence from Early-Career Teachers. <i>Journal for Research in Mathematics Education</i> , 2022, 53, 181-203.	1.8	1
85	Relationships among Teachersâ€™ Formal and Informal Positions and Their Incoming Student Composition. <i>Teachers College Record</i> , 2018, 120, 1-34.	0.9	0
86	Response to â€œThree Comments on the RIR methodâ€• <i>Journal of Clinical Epidemiology</i> , 2022, , .	5.0	0
87	Network Topologies and Team Performance: A Comparative Study of AEC Projects. , 2022, , .		0
88	The role of social networks in partnership development with state wildlife agencies. <i>Human Dimensions of Wildlife</i> , 0, , 1-17.	1.8	0