

Tom Ab Snijders

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

16,833
citations

25014

57
h-index

18115

120
g-index

153
all docs

153
docs citations

153
times ranked

10561
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to stochastic actor-based models for network dynamics. <i>Social Networks</i> , 2010, 32, 44-60.	1.3	1,598
2	The Statistical Evaluation of Social Network Dynamics. <i>Sociological Methodology</i> , 2001, 31, 361-395.	1.4	825
3	Estimation and Prediction for Stochastic Blockstructures. <i>Journal of the American Statistical Association</i> , 2001, 96, 1077-1087.	1.8	752
4	Recent developments in exponential random graph (p^*) models for social networks. <i>Social Networks</i> , 2007, 29, 192-215.	1.3	615
5	Modeled Variance in Two-Level Models. <i>Sociological Methods and Research</i> , 1994, 22, 342-363.	4.3	579
6	Sensitivity of MRQAP Tests to Collinearity and Autocorrelation Conditions. <i>Psychometrika</i> , 2007, 72, 563-581.	1.2	540
7	The Resource Generator: social capital quantification with concrete items. <i>Social Networks</i> , 2005, 27, 1-29.	1.3	455
8	Multilevel Analysis. , 2011, , 879-882.		444
9	Stochastic actor-oriented models for network change. <i>Journal of Mathematical Sociology</i> , 1996, 21, 149-172.	0.6	413
10	Estimation and Prediction for Stochastic Blockmodels for Graphs with Latent Block Structure. <i>Journal of Classification</i> , 1997, 14, 75-100.	1.2	409
11	Models for Longitudinal Network Data. , 2005, , 215-247.		348
12	Statistical Models for Social Networks. <i>Annual Review of Sociology</i> , 2011, 37, 131-153.	3.1	323
13	A multilevel network study of the effects of delinquent behavior on friendship evolution. <i>Journal of Mathematical Sociology</i> , 2003, 27, 123-151.	0.6	285
14	Standard Errors and Sample Sizes for Two-Level Research. <i>Journal of Educational Statistics</i> , 1993, 18, 237-259.	0.9	272
15	Beyond dyadic interdependence: Actor-oriented models for co-evolving social networks and individual behaviors. <i>International Journal of Behavioral Development</i> , 2007, 31, 397-404.	1.3	243
16	Standard Errors and Sample Sizes for Two-Level Research. <i>Journal of Educational Statistics</i> , 1993, 18, 237.	0.9	231
17	A model for the multiplex dynamics of two-mode and one-mode networks, with an application to employment preference, friendship, and advice. <i>Social Networks</i> , 2013, 35, 265-276.	1.3	202
18	Multilevel analysis of personal networks as dependent variables. <i>Social Networks</i> , 1999, 21, 187-210.	1.3	195

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19	The social relations model for family data: A multilevel approach. <i>Personal Relationships</i> , 1999, 6, 471-486.	0.9	192
20	Dynamics of adolescent friendship networks and smoking behavior. <i>Social Networks</i> , 2010, 32, 72-81.	1.3	173
21	Applying SIENA. <i>Methodology</i> , 2006, 2, 48-56.	0.5	163
22	Friendship Networks Through Time: An Actor-Oriented Dynamic Statistical Network Model. <i>Computational and Mathematical Organization Theory</i> , 1999, 5, 167-192.	1.5	159
23	p2: a random effects model with covariates for directed graphs. <i>Statistica Neerlandica</i> , 2004, 58, 234-254.	0.9	159
24	The degree variance: An index of graph heterogeneity. <i>Social Networks</i> , 1981, 3, 163-174.	1.3	158
25	A multilevel analysis of the demands-control model: Is stress at work determined by factors at the group level or the individual level?. <i>Journal of Occupational Health Psychology</i> , 2000, 5, 182-190.	2.3	150
26	Lonely but Not Alone: Emotional Isolation and Social Isolation as Two Distinct Dimensions of Loneliness in Older People. <i>Educational and Psychological Measurement</i> , 2001, 61, 119-135.	1.2	149
27	Why are some more peer than others? Evidence from a longitudinal study of social networks and individual academic performance. <i>Social Science Research</i> , 2011, 40, 1506-1520.	1.1	147
28	Victims, bullies, and their defenders: A longitudinal study of the coevolution of positive and negative networks. <i>Development and Psychopathology</i> , 2014, 26, 645-659.	1.4	146
29	Dynamics of adolescent friendship networks and smoking behavior: Social network analyses in six European countries. <i>Social Science and Medicine</i> , 2009, 69, 1506-1514.	1.8	143
30	Stochastic Actor-Oriented Models for Network Dynamics. <i>Annual Review of Statistics and Its Application</i> , 2017, 4, 343-363.	4.1	130
31	Maximum likelihood estimation for social network dynamics. <i>Annals of Applied Statistics</i> , 2010, 4, 567-588.	0.5	121
32	Friendship and Delinquency: Selection and Influence Processes in Early Adolescence. <i>Social Development</i> , 2010, 19, 494-514.	0.8	117
33	Estimation On the Basis of Snowball Samples: How To Weight?. <i>BMS Bulletin of Sociological Methodology/ Bulletin De Methodologie Sociologique</i> , 1992, 36, 59-70.	0.4	116
34	Norms, status and the dynamics of advice networks: A case study. <i>Social Networks</i> , 2012, 34, 323-332.	1.3	115
35	Asymptotic null distribution of person fit statistics with estimated person parameter. <i>Psychometrika</i> , 2001, 66, 331-342.	1.2	113
36	A comparison of various approaches to the exponential random graph model: A reanalysis of 102 student networks in school classes. <i>Social Networks</i> , 2007, 29, 489-507.	1.3	108

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37	Enumeration and simulation methods for $n \times n$ matrices with given marginals. <i>Psychometrika</i> , 1991, 56, 397-417.	1.2	106
38	Univariate and multivariate models of positive and negative networks: Liking, disliking, and bully-victim relationships. <i>Social Networks</i> , 2012, 34, 645-657.	1.3	99
39	An Integrated Socioeconomic Analysis of Innovation Adoption. <i>Journal of Policy Modeling</i> , 1999, 21, 167-184.	1.7	93
40	Networks Evolving Step by Step: Statistical Analysis of Dyadic Event Data. , 2009, , .		87
41	Bayesian inference for dynamic social network data. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 3930-3938.	0.4	83
42	The Multilevel Approach to Repeated Measures for Complete and Incomplete Data. <i>Quality and Quantity</i> , 2003, 37, 71-89.	2.0	81
43	Representing Micro-Macro Linkages by Actor-based Dynamic Network Models. <i>Sociological Methods and Research</i> , 2015, 44, 222-271.	4.3	80
44	Evaluation of the chronic disease self-management program (CDSMP) among chronically ill older people in the Netherlands. <i>Social Science and Medicine</i> , 2007, 64, 1832-1841.	1.8	78
45	Pair-housing of male and female rats during chronic stress exposure results in gender-specific behavioral responses. <i>Hormones and Behavior</i> , 2005, 47, 620-628.	1.0	76
46	Onset to First Alcohol Use in Early Adolescence: A Network Diffusion Model. <i>Journal of Research on Adolescence</i> , 2013, 23, 487-499.	1.9	73
47	Diagnostic Checks for Multilevel Models. , 0, , 141-175.		72
48	Motor performance of children during treatment for acute lymphoblastic leukemia. , 1999, 33, 545-550.		71
49	Course of Distress in Breast Cancer Patients, Their Partners, and Matched Control Couples. <i>Annals of Behavioral Medicine</i> , 2008, 36, 141-148.	1.7	71
50	Modeling the Coevolution of Networks and Behavior. , 2017, , 41-71.		71
51	Simulation for Statistical Inference in Dynamic Network Models. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1997, , 493-512.	0.3	68
52	Scientific collaboration dynamics in a national scientific system. <i>Scientometrics</i> , 2015, 104, 985-1012.	1.6	67
53	Forms of Dependence: Comparing SAOMs and ERGMs From Basic Principles. <i>Sociological Methods and Research</i> , 2019, 48, 202-239.	4.3	67
54	Analysis of longitudinal data using the hierarchical linear model. <i>Quality and Quantity</i> , 1996, 30, 405.	2.0	65

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55	Variance Component Testing in Multilevel Models. <i>Journal of Educational and Behavioral Statistics</i> , 2001, 26, 133-152.	1.0	64
56	Smoking-based selection and influence in gender-segregated friendship networks: a social network analysis of adolescent smoking. <i>Addiction</i> , 2010, 105, 1280-1289.	1.7	63
57	Assessing and accounting for time heterogeneity in stochastic actor oriented models. <i>Advances in Data Analysis and Classification</i> , 2011, 5, 147-176.	0.9	63
58	Computational aspects of the greatest lower bound to the reliability and constrained minimum trace factor analysis. <i>Psychometrika</i> , 1981, 46, 201-213.	1.2	62
59	The Multilevel p2 Model. <i>Methodology</i> , 2006, 2, 42-47.	0.5	62
60	A multilevel analysis of the demands-control model: is stress at work determined by factors at the group level or the individual level?. <i>Journal of Occupational Health Psychology</i> , 2000, 5, 182-90.	2.3	59
61	The impact of peer relations on academic progress in junior high. <i>Journal of School Psychology</i> , 2006, 44, 491-512.	1.5	53
62	Conditional estimation of exponential random graph models from snowball sampling designs. <i>Journal of Mathematical Psychology</i> , 2013, 57, 284-296.	1.0	53
63	Influences on and from the segmentation of networks: hypotheses and tests. <i>Social Networks</i> , 1994, 16, 213-232.	1.3	50
64	Cluster analysis of multiplex networks: Defining composite network measures. <i>Social Networks</i> , 2017, 49, 93-112.	1.3	45
65	A Hierarchy of Preferences. <i>Journal of Conflict Resolution</i> , 2012, 56, 853-878.	1.1	44
66	Introduction to the special issue on network dynamics. <i>Social Networks</i> , 2010, 32, 1-3.	1.3	42
67	Do personal conditions and circumstances surrounding partner loss explain loneliness in newly bereaved older adults?. <i>Ageing and Society</i> , 1999, 19, 441-469.	1.2	40
68	Markov models for digraph panel data: Monte Carlo-based derivative estimation. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 4465-4483.	0.7	39
69	Does proximity matter? Distance dependence of adolescent friendships. <i>Social Networks</i> , 2011, 34, 18-31.	1.3	39
70	Modeling frequency and type of interaction in event networks. <i>Corvinus Journal of Sociology and Social Policy</i> , 2013, 4, 3-32.	0.2	39
71	Analysis of handwriting of children during treatment for acute lymphoblastic leukemia. <i>Medical and Pediatric Oncology</i> , 2001, 37, 393-399.	1.0	33
72	Structure, multiplexity, and centrality in a corruption network: the Czech Rath affair. <i>Trends in Organized Crime</i> , 2019, 22, 274-297.	0.8	32

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73	Missing data in cross-sectional networks – An extensive comparison of missing data treatment methods. <i>Social Networks</i> , 2020, 62, 99-112.	1.3	32
74	Social network and HIV risk behaviors in female sex workers: a systematic review. <i>BMC Public Health</i> , 2018, 18, 1020.	1.2	31
75	Statistical Power in Longitudinal Network Studies. <i>Sociological Methods and Research</i> , 2020, 49, 1103-1132.	4.3	31
76	Do older patients who refuse to participate in a self-management intervention in the Netherlands differ from older patients who agree to participate?. <i>Aging Clinical and Experimental Research</i> , 2008, 20, 266-271.	1.4	30
77	Beyond homophily: Incorporating actor variables in statistical network models. <i>Network Science</i> , 2019, 7, 1-19.	0.8	30
78	Open-book Tests to Complement Assessment-programmes: Analysis of Open and Closed-book Tests. <i>Advances in Health Sciences Education</i> , 2008, 13, 263-273.	1.7	27
79	Conditional Marginalization for Exponential Random Graph Models. <i>Journal of Mathematical Sociology</i> , 2010, 34, 239-252.	0.6	27
80	Goodness of fit for stochastic actor-oriented models. <i>Methodological Innovations</i> , 2019, 12, 205979911988428.	0.5	27
81	Missing Network Data A Comparison of Different Imputation Methods. , 2018, , .		26
82	Popularity breeds contempt: The evolution of reputational dislike relations and friendships in high school. <i>Social Networks</i> , 2017, 48, 100-109.	1.3	25
83	Réseaux et controverses: de l'effet des normes sur la dynamique des structures. <i>Revue Française De Sociologie</i> , 2008, Vol. 49, 467-498.	0.9	25
84	Rank Tests for Bivariate Symmetry. <i>Annals of Statistics</i> , 1981, 9, 1087.	1.4	24
85	Parenting and psychopathology: Differences in family members' perceptions of parental rearing styles. <i>Personality and Individual Differences</i> , 1997, 23, 271-282.	1.6	23
86	Patterns of Adjustment to Partner Loss in Old Age: The Widowhood Adaptation Longitudinal Study. <i>Omega: Journal of Death and Dying</i> , 2002, 44, 5-36.	0.7	23
87	Distribution of some similarity coefficients for dyadic binary data in the case of associated attributes. <i>Journal of Classification</i> , 1990, 7, 5-31.	1.2	22
88	Network Analysis, <i>Longitudinal Methods of</i> , 2009, , 5998-6013.		22
89	Estimating the Size of the Homeless Population in Budapest, Hungary. <i>Quality and Quantity</i> , 2002, 36, 291-303.	2.0	21
90	The Multiple Flavours of Multilevel Issues for Networks. , 2016, , 15-46.		21

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91	General Practitioners reduced benzodiazepine prescriptions in an intervention study: a multilevel application. <i>Journal of Clinical Epidemiology</i> , 2007, 60, 1076.e1-1076.e10.	2.4	20
92	Extensions of triad counts to networks with different subsets of points and testing underlying random graph distributions. <i>Social Networks</i> , 1987, 9, 249-275.	1.3	19
93	Testing for change in a digraph at two time points. <i>Social Networks</i> , 1990, 12, 359-373.	1.3	19
94	No Longer Discrete: Modeling the Dynamics of Social Networks and Continuous Behavior. <i>Sociological Methodology</i> , 2019, 49, 295-340.	1.4	19
95	Interstation Correlations and Nonstationarity of Burkina Faso Rainfall. <i>Journal of Climate and Applied Meteorology</i> , 1986, 25, 524-531.	1.0	18
96	Controlling for size in centrality scores. <i>Social Networks</i> , 1998, 20, 135-141.	1.3	18
97	FRAME DECAY, INFORMAL POWER, AND THE ESCALATION OF SOCIAL CONTROL IN A MANAGEMENT TEAM: A RELATIONAL SIGNALING PERSPECTIVE. <i>Research in the Sociology of Organizations</i> , 0, , 355-380.	0.5	18
98	Using social network analysis tools in ecology: Markov process transition models applied to the seasonal trophic network dynamics of the Chesapeake Bay. <i>Ecological Modelling</i> , 2009, 220, 3133-3140.	1.2	17
99	Dynamics of Peer Relationships Across the First Two Years of Junior High as a Function of Gender and Changes in Classroom Composition. <i>Journal of Research on Adolescence</i> , 2011, 21, 488-504.	1.9	17
100	School Effects and Teacher Effects in Dutch Elementary Education. <i>Educational Research and Evaluation</i> , 1996, 2, 1-24.	0.9	16
101	The Interplay Between Adolescents' Friendships and the Exchange of Help: A Longitudinal Multiplex Social Network Study. <i>Journal of Research on Adolescence</i> , 2020, 30, 63-77.	1.9	16
102	Multivariate dynamics of one-mode and two-mode networks: Explaining similarity in sports participation among friends. <i>Network Science</i> , 2018, 6, 370-395.	0.8	15
103	Poisonous connections: a case study on a Czech counterfeit alcohol distribution network. <i>Global Crime</i> , 2020, 21, 51-73.	0.9	15
104	Operations research as a tool for analysis of food security problems. <i>European Journal of Operational Research</i> , 1990, 49, 211-221.	3.5	14
105	The use of quasi-experiments in the social sciences: a content analysis. <i>Quality and Quantity</i> , 2011, 45, 21-42.	2.0	14
106	Antisocial Behavior Trajectories and Social Victimization Within and Between School Years in Early Adolescence. <i>Journal of Research on Adolescence</i> , 2014, 24, 322-336.	1.9	14
107	Timing variability in children with early-treated congenital hypothyroidism. <i>Acta Psychologica</i> , 1997, 96, 61-73.	0.7	13
108	MCMC estimation for the $\langle i \rangle p \langle i \rangle^2$ network regression model with crossed random effects. <i>British Journal of Mathematical and Statistical Psychology</i> , 2009, 62, 143-166.	1.0	13

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109	Co-evolution of social networks and continuous actor attributes. <i>Annals of Applied Statistics</i> , 2017, 11, .	0.5	11
110	Self, peer, and teacher reports of victimâ€aggessor networks in kindergartens. <i>Aggressive Behavior</i> , 2019, 45, 275-286.	1.5	11
111	ANTITHETIC VARIATES FOR MONTE CARLO ESTIMATION OF PROBABILITIES. <i>Statistica Neerlandica</i> , 1984, 38, 55-73.	0.9	9
112	The effect of a selfâ€management intervention on health care utilization in a sample of chronically ill older patients in the Netherlands. <i>Journal of Evaluation in Clinical Practice</i> , 2008, 14, 159-161.	0.9	8
113	Methodological Issues in Studying Effects of Networks in Organizations. <i>Computational and Mathematical Organization Theory</i> , 1998, 4, 205-215.	1.5	7
114	Model selection in random effects models for directed graphs using approximated Bayes factors. <i>Statistica Neerlandica</i> , 2005, 59, 107-118.	0.9	7
115	Editorial: Effects and Outcomes of Informal Relations Within Organizations. <i>Computational and Mathematical Organization Theory</i> , 1998, 4, 103-108.	1.5	6
116	The transition probabilities of the reciprocity model. <i>Journal of Mathematical Sociology</i> , 1999, 23, 241-253.	0.6	6
117	Contemporaneous Statistics for Estimation in Stochastic Actor-Oriented Co-evolution Models. <i>Psychometrika</i> , 2019, 84, 1068-1096.	1.2	6
118	The Dynamics of Interethnic Friendships and Negative Ties in Secondary School: The Role of Peer-Perceived Ethnicity. <i>Social Psychology Quarterly</i> , 2020, 83, 342-362.	1.4	6
119	Circular specifications and â€predictingâ€with information from the future: Errors in the empirical SAOMâ€TERGM comparison of Leifeld & Cranmer. <i>Network Science</i> , 2022, 10, 3-14.	0.8	6
120	Dynamics and disruption: Structural and individual changes in two Dutch Jihadi networks after police interventions. <i>Social Networks</i> , 2022, 70, 364-374.	1.3	6
121	Guest Editors' Introduction to the Special Issue on Causality at Work. <i>Sociological Methods and Research</i> , 2001, 30, 3-10.	4.3	5
122	Social Interaction Related to the Functioning of Forensic Psychiatric Inpatients. <i>Journal of Forensic Psychology Practice</i> , 2010, 10, 339-359.	0.4	5
123	Siena: Statistical Modeling of Longitudinal Network Data. , 2014, , 1718-1725.		5
124	Testing equality of correlated proportions with incomplete data on both responses. <i>Psychometrika</i> , 1986, 51, 579-588.	1.2	4
125	Network dynamics with a nested node set: Sociability in seven villages in Senegal. <i>Statistica Neerlandica</i> , 2020, 74, 300-323.	0.9	4
126	What to Do with the Upward Bias in R ² : A Comment on Huberty. <i>Journal of Educational and Behavioral Statistics</i> , 1996, 21, 283.	1.0	3

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127	Social Support Associated with Condom Use Behavior Among Female Sex Workers in Iran. <i>International Journal of Behavioral Medicine</i> , 2022, 29, 321-333.	0.8	3
128	HIV risk perception and sexual behaviors among female sex workers in Tehran, Iran. <i>Medical Journal of the Islamic Republic of Iran</i> , 2019, 33, 101.	0.9	3
129	Determinants of safe sexual behavior of female sex workers in Tehran: the woman, her network, and the sexual partner. <i>BMC Public Health</i> , 2021, 21, 2219.	1.2	3
130	Complete Class Theorems for the Simplest Empirical Bayes Decision Problems. <i>Annals of Statistics</i> , 1977, 5, 164.	1.4	2
131	Who contributes to public goods? With an application to local economic policies in the Netherlands. <i>Journal of Mathematical Sociology</i> , 1994, 19, 149-164.	0.6	2
132	Estimation of the Wing-Kristofferson model for discrete motor responses. <i>British Journal of Mathematical and Statistical Psychology</i> , 2002, 55, 159-168.	1.0	2
133	Stochastic Actor Oriented Models for Network Dynamics. , 2017, , .		2
134	Modelling ambivalent triads in family research. <i>Social Science Research</i> , 2021, 98, 102577.	1.1	2
135	Transitivity correlation: A descriptive measure of network transitivity. <i>Network Science</i> , 2019, 7, 353-375.	0.8	1
136	Promoting students' social behavior in primary education through Success for All lessons. <i>Studies in Educational Evaluation</i> , 2020, 67, 100934.	1.2	1
137	Network Analysis, <i>Longitudinal Methods of</i> . , 2012, , 2029-2043.		1
138	Multi-level event history analysis for a sibling design: the choice of predictor variables. <i>Research in Multi-Level Issues</i> , 0, , 243-251.	0.5	0
139	Continuous-Time Modeling of Panel Data with Network Structure. , 2018, , 111-134.		0
140	Siena: Statistical Modeling of Longitudinal Network Data. , 2017, , 1-9.		0
141	Siena: Statistical Modeling of Longitudinal Network Data. , 2018, , 2484-2492.		0