

Sophia Rabe-Hesketh

List of Publications by Year in descending order

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135
papers

16,968
citations

26630

56
h-index

17105

122
g-index

144
all docs

144
docs citations

144
times ranked

17979
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-Analysis of Regional Brain Volumes in Schizophrenia. <i>American Journal of Psychiatry</i> , 2000, 157, 16-25.	7.2	1,508
2	Generalized Latent Variable Modeling. , 0, , .		1,252
3	Global, voxel, and cluster tests, by theory and permutation, for a difference between two groups of structural MR images of the brain. <i>IEEE Transactions on Medical Imaging</i> , 1999, 18, 32-42.	8.9	1,002
4	Statistical methods of estimation and inference for functional MR image analysis. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 261-277.	3.0	644
5	Head injury as a risk factor for Alzheimer's disease: the evidence 10 years on; a partial replication. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 857-862.	1.9	620
6	Generalized multilevel structural equation modeling. <i>Psychometrika</i> , 2004, 69, 167-190.	2.1	615
7	Maximum likelihood estimation of limited and discrete dependent variable models with nested random effects. <i>Journal of Econometrics</i> , 2005, 128, 301-323.	6.5	552
8	Meta-analysis of the P300 and P50 waveforms in schizophrenia. <i>Schizophrenia Research</i> , 2004, 70, 315-329.	2.0	509
9	Reliable Estimation of Generalized Linear Mixed Models using Adaptive Quadrature. <i>The Stata Journal</i> , 2002, 2, 1-21.	2.2	476
10	Generic brain activation mapping in functional magnetic resonance imaging: A nonparametric approach. <i>Magnetic Resonance Imaging</i> , 1997, 15, 763-770.	1.8	456
11	Systematic review and meta-analysis of randomised controlled trials of psychological interventions to improve glycaemic control in patients with type 2 diabetes. <i>Lancet, The</i> , 2004, 363, 1589-1597.	13.7	452
12	Multilevel modelling of complex survey data. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2006, 169, 805-827.	1.1	415
13	Methods for diagnosis and treatment of stimulus-correlated motion in generic brain activation studies using fMRI. <i>Human Brain Mapping</i> , 1999, 7, 38-48.	3.6	358
14	Recognizing one's own face. <i>Cognition</i> , 2001, 78, B1-B15.	2.2	353
15	Childhood Obsessive-Compulsive Personality Traits in Adult Women With Eating Disorders: Defining a Broader Eating Disorder Phenotype. <i>American Journal of Psychiatry</i> , 2003, 160, 242-247.	7.2	331
16	A Nondegenerate Penalized Likelihood Estimator for Variance Parameters in Multilevel Models. <i>Psychometrika</i> , 2013, 78, 685-709.	2.1	328
17	Common and Distinct Neural Substrates for Pragmatic, Semantic, and Syntactic Processing of Spoken Sentences: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 321-341.	2.3	308
18	Meta-analysis of magnetic resonance imaging brain morphometry studies in bipolar disorder. <i>Biological Psychiatry</i> , 2004, 56, 411-417.	1.3	261

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19	How many functional somatic syndromes?. <i>Journal of Psychosomatic Research</i> , 2001, 51, 549-557.	2.6	240
20	School Performance in Finnish Children and Later Development of Schizophrenia. <i>Archives of General Psychiatry</i> , 1999, 56, 457.	12.3	228
21	Cognitive flexibility in anorexia nervosa and bulimia nervosa. <i>Journal of the International Neuropsychological Society</i> , 2004, 10, 513-520.	1.8	212
22	War Exposure and Maternal Reactions in the Psychological Adjustment of Children from Bosnia-Herzegovina. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2001, 42, 395-404.	5.2	202
23	Efficacy and cost-effectiveness of drug and psychological treatments for common mental disorders in general health care in Goa, India: a randomised, controlled trial. <i>Lancet</i> , The, 2003, 361, 33-39.	13.7	197
24	Treating insomnia improves mood state, sleep, and functioning in bipolar disorder: A pilot randomized controlled trial.. <i>Journal of Consulting and Clinical Psychology</i> , 2015, 83, 564-577.	2.0	196
25	Maximum Likelihood Estimation of Endogenous Switching and Sample Selection Models for Binary, Ordinal, and Count Variables. <i>The Stata Journal</i> , 2006, 6, 285-308.	2.2	173
26	A Randomized, Controlled Trial With 6-Month Follow-Up of Repetitive Transcranial Magnetic Stimulation and Electroconvulsive Therapy for Severe Depression. <i>American Journal of Psychiatry</i> , 2007, 164, 73-81.	7.2	157
27	Prediction in Multilevel Generalized Linear Models. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2009, 172, 659-687.	1.1	157
28	Multilevel logistic regression for polytomous data and rankings. <i>Psychometrika</i> , 2003, 68, 267-287.	2.1	148
29	Functional Magnetic Resonance Image Analysis of a Large-Scale Neurocognitive Network. <i>NeuroImage</i> , 1996, 4, 16-33.	4.2	141
30	How far are associations between child, family and community factors and child psychopathology informant-specific and informant-general?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009, 50, 571-580.	5.2	131
31	Avoiding biased versions of Wooldridge's simple solution to the initial conditions problem. <i>Economics Letters</i> , 2013, 120, 346-349.	1.9	124
32	Predictors of outcome and pathological considerations in the surgical treatment of intractable epilepsy associated with temporal lobe lesions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001, 70, 450-458.	1.9	121
33	Individual-specific risk factors for anorexia nervosa: a pilot study using a discordant sister-pair design. <i>Psychological Medicine</i> , 2001, 31, 317-329.	4.5	118
34	The Health and Cognitive Growth of Latino Toddlers: At Risk or Immigrant Paradox?. <i>Maternal and Child Health Journal</i> , 2009, 13, 755-768.	1.5	118
35	Classical latent variable models for medical research. <i>Statistical Methods in Medical Research</i> , 2008, 17, 5-32.	1.5	116
36	Repetitive and stereotyped behaviours in pervasive developmental disorders. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006, 47, 573-581.	5.2	109

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37	Biometrical Modeling of Twin and Family Data Using Standard Mixed Model Software. <i>Biometrics</i> , 2008, 64, 280-288.	1.4	106
38	Lifetime course of eating disorders: design and validity testing of a new strategy to define the eating disorders phenotype. <i>Psychological Medicine</i> , 2009, 39, 105-114.	4.5	104
39	Does dysplasia cause anatomical dysconnectivity in schizophrenia?. <i>Schizophrenia Research</i> , 1998, 30, 127-135.	2.0	101
40	Smooth pursuit and antisaccade eye movements in siblings discordant for schizophrenia. <i>Journal of Psychiatric Research</i> , 2004, 38, 177-184.	3.1	100
41	Episodic memory in schizophrenic patients and their relatives. <i>Schizophrenia Research</i> , 2003, 63, 261-271.	2.0	99
42	A comparative study of iatrogenesis, medication abuse, and psychiatric morbidity in chronic pain patients with and without medically explained symptoms. <i>Pain</i> , 1998, 76, 417-426.	4.2	95
43	An RCT of early intervention in psychosis: Croydon Outreach and Assertive Support Team (COAST). <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2004, 39, 358-363.	3.1	90
44	Latent Variable Modelling: A Survey*. <i>Scandinavian Journal of Statistics</i> , 2007, 34, 712-745.	1.4	90
45	Modifying the Impact of Eveningness Chronotype (‘‘Night-Owls’’) in Youth: A Randomized Controlled Trial. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 742-754.	0.5	88
46	Management of psychiatric in-patient violence: patient ethnicity and use of medication, restraint and seclusion. <i>British Journal of Psychiatry</i> , 2004, 184, 258-262.	2.8	85
47	Is Semantic Fluency Differentially Impaired in Schizophrenic Patients with Delusions?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1999, 21, 629-642.	1.3	84
48	Estimating Parameters of Dichotomous and Ordinal Item Response Models with Gllamm. <i>The Stata Journal</i> , 2007, 7, 313-333.	2.2	81
49	Prognostic factors in the surgical treatment of medically intractable epilepsy associated with mesial temporal sclerosis. <i>Acta Neurologica Scandinavica</i> , 2001, 103, 344-350.	2.1	79
50	The Maudsley early onset schizophrenia study: cognitive function in adolescents with recent onset schizophrenia. <i>Schizophrenia Research</i> , 2003, 61, 137-148.	2.0	78
51	Prevalence and genetic and environmental influences on anxiety disorders in 6-year-old twins. <i>Psychological Medicine</i> , 2006, 36, 335-344.	4.5	78
52	The relationship between volumetric brain changes and cognitive function: A family study on schizophrenia. <i>Biological Psychiatry</i> , 2004, 56, 447-453.	1.3	77
53	Weakly Informative Prior for Point Estimation of Covariance Matrices in Hierarchical Models. <i>Journal of Educational and Behavioral Statistics</i> , 2015, 40, 136-157.	1.7	74
54	Development of a brief, clinically relevant, scale for measuring attachment disorders. <i>International Journal of Methods in Psychiatric Research</i> , 2002, 11, 90-98.	2.1	69

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55	The Maudsley Early-Onset Schizophrenia Study: cognitive function in adolescent-onset schizophrenia. <i>Schizophrenia Research</i> , 2003, 65, 95-103.	2.0	69
56	Avoiding zero between-study variance estimates in random-effects meta-analysis. <i>Statistics in Medicine</i> , 2013, 32, 4071-4089.	1.6	69
57	Correcting for covariate measurement error in logistic regression using nonparametric maximum likelihood estimation. <i>Statistical Modelling</i> , 2003, 3, 215-232.	1.1	63
58	Life events, ethnicity and perceptions of discrimination in patients with severe mental illness. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 1999, 34, 600-608.	3.1	57
59	Handling Initial Conditions and Endogenous Covariates in Dynamic/Transition Models for Binary Data with Unobserved Heterogeneity. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2014, 63, 211-237.	1.0	57
60	Neurocognitive deficits in first-episode schizophrenic patients and their first-degree relatives. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 407-416.	1.7	55
61	Selectivity of verbal memory deficit in schizophrenic patients and their relatives. <i>American Journal of Medical Genetics Part A</i> , 2003, 116B, 1-7.	2.4	54
62	Do anti-arthritic drugs decrease the risk for cognitive decline?. <i>Neurology</i> , 1998, 50, 374-379.	1.1	51
63	Stratum-specific likelihood ratios of two versions of the General Health Questionnaire. <i>Psychological Medicine</i> , 2001, 31, 519-529.	4.5	49
64	Alternating imputation posterior estimation of models with crossed random effects. <i>Computational Statistics and Data Analysis</i> , 2011, 55, 12-25.	1.2	48
65	Personality Disorders and Personality Dimensions in Anorexia Nervosa. <i>Journal of Personality Disorders</i> , 2003, 17, 73-85.	1.4	46
66	Reviewing the Reviews. <i>JAMA - Journal of the American Medical Association</i> , 1998, 280, 264.	7.4	45
67	Improving outcome for mental disorders by enhancing memory for treatment. <i>Behaviour Research and Therapy</i> , 2016, 81, 35-46.	3.1	45
68	Bayesian Comparison of Latent Variable Models: Conditional Versus Marginal Likelihoods. <i>Psychometrika</i> , 2019, 84, 802-829.	2.1	45
69	Parameterization of Multivariate Random Effects Models for Categorical Data. <i>Biometrics</i> , 2001, 57, 1256-1263.	1.4	43
70	Cerebral blood flow velocity during neonatal seizures. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 1999, 80, F105-F110.	2.8	42
71	Violent incidents on a medium secure unit: the target of assault and the management of incidents. <i>Journal of Forensic Psychiatry Psychology</i> , 2000, 11, 105-118.	0.3	42
72	Composition, Context, and Endogeneity in School and Teacher Comparisons. <i>Journal of Educational and Behavioral Statistics</i> , 2014, 39, 333-367.	1.7	40

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73	Violent incidents on a medium secure unit over a 17-year period. <i>Journal of Forensic Psychiatry Psychology</i> , 1999, 10, 249-263.	0.3	37
74	Modeling Differential Item Functioning Using a Generalization of the Multiple-Group Bifactor Model. <i>Journal of Educational and Behavioral Statistics</i> , 2013, 38, 32-60.	1.7	37
75	Do academic preschools yield stronger benefits? Cognitive emphasis, dosage, and early learning. <i>Journal of Applied Developmental Psychology</i> , 2017, 52, 1-11.	1.7	37
76	A randomized controlled trial of the Transdiagnostic Intervention for Sleep and Circadian Dysfunction (TranS-C) to improve serious mental illness outcomes in a community setting.. <i>Journal of Consulting and Clinical Psychology</i> , 2021, 89, 537-550.	2.0	37
77	Characteristics, needs and reoffending in a group of patients with schizophrenia formerly treated in medium security. <i>Journal of Forensic Psychiatry Psychology</i> , 1999, 10, 69-83.	0.3	36
78	A Randomized Controlled Two-Stage Trial in the Treatment of Bulimia Nervosa, Comparing CBT Versus Motivational Enhancement in Phase 1 Followed by Group Versus Individual CBT in Phase 2. <i>Psychosomatic Medicine</i> , 2010, 72, 656-663.	2.0	36
79	Maximum Likelihood Estimation of Generalized Linear Models with Covariate Measurement Error. <i>The Stata Journal</i> , 2003, 3, 386-411.	2.2	34
80	Multilevel and Related Models for Longitudinal Data. , 0, , 275-299.		34
81	Multilevel models for censored and latent responses. <i>Statistical Methods in Medical Research</i> , 2001, 10, 409-427.	1.5	32
82	Multilevel Structural Equation Modeling. , 2007, , 209-227.		31
83	A transdiagnostic sleep and circadian treatment to improve severe mental illness outcomes in a community setting: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 606.	1.6	31
84	Pre-morbid psychiatric morbidity, comorbidity and personality in patients with anorexia nervosa compared to their healthy sisters. <i>European Eating Disorders Review</i> , 2002, 10, 255-270.	4.1	28
85	Cross-modal semantic priming in schizophrenia. <i>Journal of the International Neuropsychological Society</i> , 2002, 8, 884-892.	1.8	25
86	Additive Multilevel Item Structure Models with Random Residuals: Item Modeling for Explanation and Item Generation. <i>Psychometrika</i> , 2014, 79, 84-104.	2.1	25
87	A Third-Order Item Response Theory Model for Modeling the Effects of Domains and Subdomains in Large-Scale Educational Assessment Surveys. <i>Journal of Educational and Behavioral Statistics</i> , 2014, 39, 235-256.	1.7	25
88	The analysis of functional magnetic resonance images. <i>Statistical Methods in Medical Research</i> , 1997, 6, 215-237.	1.5	25
89	Software Review: StatView for Windows, Version 5.0. <i>Statistical Methods in Medical Research</i> , 1999, 8, 337-341.	1.5	24
90	Characterisation of the Heringâ€œBreuer deflation reflex in the human neonate. <i>Respiration Physiology</i> , 2000, 124, 51-64.	2.7	23

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91	Multilevel Modeling of Cognitive Function in Schizophrenic Patients and Their First Degree Relatives. <i>Multivariate Behavioral Research</i> , 2001, 36, 279-298.	3.1	23
92	Vascular disease risk factors as determinants of incident depressive symptoms: a prospective community-based study. <i>Psychological Medicine</i> , 2004, 34, 635-641.	4.5	23
93	Relationship between brain structure and saccadic eye movements in healthy humans. <i>Neuroscience Letters</i> , 2002, 328, 225-228.	2.1	22
94	Redundant Overdispersion Parameters in Multilevel Models for Categorical Responses. <i>Journal of Educational and Behavioral Statistics</i> , 2007, 32, 419-430.	1.7	22
95	Phenotypic differences between African and white patients with motor neuron disease: a case-control study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000, 69, 251-253.	1.9	20
96	Multilevel and Latent Variable Modeling with Composite Links and Exploded Likelihoods. <i>Psychometrika</i> , 2007, 72, 123-140.	2.1	19
97	Maternal Practices That Influence Hispanic Infants' Health and Cognitive Growth. <i>Pediatrics</i> , 2010, 125, e324-e332.	2.1	19
98	Handling Correlations Between Covariates and Random Slopes in Multilevel Models. <i>Journal of Educational and Behavioral Statistics</i> , 2014, 39, 524-549.	1.7	19
99	Differing Cognitive Trajectories of Mexican American Toddlers. <i>Hispanic Journal of Behavioral Sciences</i> , 2015, 37, 139-169.	0.5	19
100	Multilevel models for censored and latent responses. <i>Statistical Methods in Medical Research</i> , 2001, 10, 409-427.	1.5	19
101	Violent incidents in a medium secure unit: the characteristics of persistent perpetrators of violence. <i>Journal of Forensic Psychiatry and Psychology</i> , 2004, 15, 293-302.	1.0	18
102	Eye tracking in schizophrenia: Does the antisaccade task measure anything that the smooth pursuit task does not?. <i>Psychiatry Research</i> , 2005, 136, 181-188.	3.3	18
103	Measuring School Value Added with Administrative Data: The Problem of Missing Variables*. <i>Fiscal Studies</i> , 2011, 32, 263-278.	1.5	18
104	A Variational Maximizationâ€“Maximization Algorithm for Generalized Linear Mixed Models with Crossed Random Effects. <i>Psychometrika</i> , 2017, 82, 693-716.	2.1	18
105	Comparative profile analysis of cognitive function in recent-onset and chronic patients with adolescent-onset schizophrenia. <i>Schizophrenia Research</i> , 2007, 94, 240-244.	2.0	16
106	Profile-Likelihood Approach for Estimating Generalized Linear Mixed Models With Factor Structures. <i>Journal of Educational and Behavioral Statistics</i> , 2012, 37, 518-542.	1.7	16
107	Maximum Likelihood Estimation of Generalized Linear Models with Covariate Measurement Error. <i>The Stata Journal</i> , 2003, 3, 386-411.	2.2	15
108	Differences in factors associated with first treatment entry and treatment reâ€“entry among cocaine users. <i>Addiction</i> , 2002, 97, 825-832.	3.3	14

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109	Can integrating the Memory Support Intervention into cognitive therapy improve depression outcome? Study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 539.	1.6	14
110	Regional variation of cloze probabilities for sentence contexts. <i>Behavior Research Methods</i> , 2001, 33, 80-90.	1.3	13
111	Nonparametric One-way Analysis of Variance of Replicated Bivariate Spatial Point Patterns. <i>Biometrical Journal</i> , 2004, 46, 19-34.	1.0	13
112	Latent variable modelling. <i>Statistical Methods in Medical Research</i> , 2008, 17, 3-4.	1.5	13
113	Trifactor Models for Multiple-Ratings Data. <i>Multivariate Behavioral Research</i> , 2019, 54, 360-381.	3.1	13
114	A longitudinal study of the psychological adaptation of trainee clinical psychologists. <i>Clinical Psychology and Psychotherapy</i> , 2000, 7, 394-400.	2.7	12
115	The relationship between eye movement and brain structural abnormalities in patients with schizophrenia and their unaffected relatives. <i>Journal of Psychiatric Research</i> , 2006, 40, 589-598.	3.1	12
116	Modeling Achievement Trajectories When Attrition Is Informative. <i>Journal of Educational and Behavioral Statistics</i> , 2012, 37, 703-736.	1.7	12
117	War Exposure and Maternal Reactions in the Psychological Adjustment of Children from Bosnia-Herzegovina. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2001, 42, 395-404.	5.2	12
118	Incorporating Student Covariates in Cognitive Diagnosis Models. <i>Journal of Classification</i> , 2013, 30, 195-224.	2.2	11
119	Protective estimation of mixed-effects logistic regression when data are not missing at random. <i>Biometrika</i> , 2014, 101, 175-188.	2.4	10
120	The spatial relationship between neurons and astrocytes in HIV-associated dementia. <i>Journal of NeuroVirology</i> , 2013, 19, 123-130.	2.1	7
121	An autoregressive growth model for longitudinal item analysis. <i>Psychometrika</i> , 2016, 81, 830-850.	2.1	7
122	Testing for Laterality Differences in Regional Brain Volumes. <i>Archives of General Psychiatry</i> , 2000, 57, 511.	12.3	6
123	CFA Models with a General Factor and Multiple Sets of Secondary Factors. <i>Psychometrika</i> , 2018, 83, 785-808.	2.1	5
124	Pairwise residuals and diagnostic tests for misspecified dependence structures in models for binary longitudinal data. <i>Statistics in Medicine</i> , 2018, 37, 343-356.	1.6	4
125	A Dyadic IRT Model. <i>Psychometrika</i> , 2020, 85, 815-836.	2.1	4
126	Brain Activation Studies Using Magnetic Resonance Imaging. , 1997, , 241-265.		4

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127	Promoting Therapeutic Alliance in Clozapine Users: An Exploratory Randomized Controlled Trial. <i>Clinical Schizophrenia and Related Psychoses</i> , 2009, 3, 127-132.	1.4	4
128	The transition model test for serial dependence in mixed-effects models for binary data. <i>Statistical Methods in Medical Research</i> , 2017, 26, 1756-1773.	1.5	3
129	The Effect of Orthographic Neighbors on Second-Grade Students' Spelling Acquisition. <i>Reading Research Quarterly</i> , 2021, 56, 119-141.	3.3	3
130	10 Multilevel Structural Equation Modeling. <i>Handbook of Computing and Statistics With Applications</i> , 2007, , 209-227.	0.1	3
131	The Role of Conditional Likelihoods in Latent Variable Modeling. <i>Psychometrika</i> , 2022, , 1.	2.1	2
132	Editorial. <i>Statistical Methods in Medical Research</i> , 1997, 6, 189-190.	1.5	0
133	Exploring the associations between social class, binge drinking, and other risk behaviors among brazilian young people. <i>International Perspectives on Child and Adolescent Mental Health</i> , 2002, , 501-517.	0.0	0
134	Missing Ordinal Covariate with Informative Selection. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2014, 177, 319-344.	1.1	0
135	Monte Carlo local likelihood approximation. <i>Biostatistics</i> , 2018, 20, 164-179.	1.5	0