Daniel M Mcneish

List of Publications by Year
in descending order

77	5,339	218677	98798
papers	citations	26 h-index	67 g-index

80	80	80	6470
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thanks coefficient alpha, weâ€™ll take it from here.. Psychological Methods, 2018, 23, 412-433.	3.5	1,132
2	On the unnecessary ubiquity of hierarchical linear modeling.. Psychological Methods, 2017, 22, 114-140.	3.5	475
3	The Effect of Small Sample Size on Two-Level Model Estimates: A Review and Illustration. Educational Psychology Review, 2016, 28, 295-314.	8.4	403
4	On Using Bayesian Methods to Address Small Sample Problems. Structural Equation Modeling, 2016, 23, 750-773.	3.8	303
5	Modeling Clustered Data with Very Few Clusters. Multivariate Behavioral Research, 2016, 51, 495-518.	3.1	250
6	Using Lasso for Predictor Selection and to Assuage Overfitting: A Method Long Overlooked in Behavioral Sciences. Multivariate Behavioral Research, 2015, 50, 471-484.	3.1	238
7	Thinking twice about sum scores. Behavior Research Methods, 2020, 52, 2287-2305.	4.0	237
8	A primer on two-level dynamic structural equation models for intensive longitudinal data in Mplus.. Psychological Methods, 2020, 25, 610-635.	3.5	197
9	The Thorny Relation Between Measurement Quality and Fit Index Cutoffs in Latent Variable Models. Journal of Personality Assessment, 2018, 100, 43-52.	2.1	194
10	Fixed effects models versus mixed effects models for clustered data: Reviewing the approaches, disentangling the differences, and making recommendations.. Psychological Methods, 2019, 24, 20-35.	3.5	177
11	Small Sample Methods for Multilevel Modeling: A Colloquial Elucidation of REML and the Kenward-Roger Correction. Multivariate Behavioral Research, 2017, 52, 661-670.	3.1	151
12	Bayesian Versus Frequentist Estimation for Structural Equation Models in Small Sample Contexts: A Systematic Review. Structural Equation Modeling, 2020, 27, 131-161.	3.8	124
13	Missing data methods for arbitrary missingness with small samples. Journal of Applied Statistics, 2017, 44, 24-39.	1.3	94
14	Dynamic fit index cutoffs for confirmatory factor analysis models.. Psychological Methods, 2023, 28, 61-88.	3.5	92
15	Differentiating between mixed-effects and latent-curve approaches to growth modeling. Behavior Research Methods, 2018, 50, 1398-1414.	4.0	88
16	Peer and teacher supports in relation to motivation and effort: A multi-level study. Contemporary Educational Psychology, 2017, 49, 32-45.	2.9	84
17	Modeling sparsely clustered data: Design-based, model-based, and single-level methods.. Psychological Methods, 2014, 19, 552-563.	3.5	78
18	Exploratory Factor Analysis With Small Samples and Missing Data. Journal of Personality Assessment, 2017, 99, 637-652.	2.1	75

#	Article	IF	Citations
19	Multilevel and Single-Level Models for Measured and Latent Variables When Data Are Clustered. Educational Psychologist, 2016, 51, 317-330.	9.0	74
20	Clustered data with small sample sizes: Comparing the performance of model-based and design-based approaches. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 855-869.	1.2	59
21	Small Samples in Multilevel Modeling. , 2020, , 215-225.		56
22	Multilevel Mediation With Small Samples: A Cautionary Note on the Multilevel Structural Equation Modeling Framework. Structural Equation Modeling, 2017, 24, 609-625.	3.8	51
23	Using Data-Dependent Priors to Mitigate Small Sample Bias in Latent Growth Models. Journal of Educational and Behavioral Statistics, 2016, 41, 27-56.	1.7	49
24	Accommodating Small Sample Sizes in Three-Level Models When the Third Level is Incidental. Multivariate Behavioral Research, 2017, 52, 200-215.	3.1	46
25	Emotional support, social goals, and classroom behavior: A multilevel, multisite study.. Journal of Educational Psychology, 2018, 110, 611-627.	2.9	37
26	Two-Level Dynamic Structural Equation Models with Small Samples. Structural Equation Modeling, 2019, 26, 948-966.	3.8	30
27	Challenging Conventional Wisdom for Multivariate Statistical Models With Small Samples. Review of Educational Research, 2017, 87, 1117-1151.	7.5	29
28	Dynamic Measurement Modeling: Using Nonlinear Growth Models to Estimate Student Learning Capacity. Educational Researcher, 2017, 46, 284-292.	5.4	29
29	Using phantom variables in structural equation modeling to assess model sensitivity to external misspecification.. Psychological Methods, 2017, 22, 616-631.	3.5	28
30	Nonlinear Growth Models as Measurement Models: A Second-Order Growth Curve Model for Measuring Potential. Multivariate Behavioral Research, 2017, 52, 61-85.	3.1	27
31	Estimation Methods for Mixed Logistic Models with Few Clusters. Multivariate Behavioral Research, 2016, 51, 1-15.	3.1	23
32	Measurement in Intensive Longitudinal Data. Structural Equation Modeling, 2021, 28, 807-822.	3.8	23
33	Correcting Model Fit Criteria for Small Sample Latent Growth Models With Incomplete Data. Educational and Psychological Measurement, 2017, 77, 990-1018.	2.4	22
34	Should We Use F-Tests for Model Fit Instead of Chi-Square in Overidentified Structural Equation Models?. Organizational Research Methods, 2020, 23, 487-510.	9.1	22
35	Specifying Location-Scale Models for Heterogeneous Variances as Multilevel SEMs. Organizational Research Methods, 2021, 24, 630-653.	9.1	21
36	Dynamic measurement: A theoreticalâ€“psychometric paradigm for modern educational psychology. Educational Psychologist, 2020, 55, 88-105.	9.0	20

#	Article	IF	Citations
37	Preschool Mathematics Intervention Can Significantly Improve Student Learning Trajectories Through Elementary School. AERA Open, 2019, 5, 233285841987944.	2.1	18
38	Covariance pattern mixture models: Eliminating random effects to improve convergence and performance. Behavior Research Methods, 2020, 52, 947-979.	4.0	18
39	Effects of a Cross-Age Peer Learning Program on the Vocabulary and Comprehension of English Learners and Non-English Learners in Elementary School. Elementary School Journal, 2017, 117, 485-512.	1.4	15
40	Dynamic fit index cutoffs for one-factor models. Behavior Research Methods, 2023, 55, 1157-1174.	4.0	14
41	Teen Social Networks and Depressive Symptoms-Substance Use Associations: Developmental and Demographic Variation. Journal of Studies on Alcohol and Drugs, 2018, 79, 770-780.	1.0	13
42	Social network isolation mediates associations between risky symptoms and substance use in the high school transition. Development and Psychopathology, 2020, 32, 615-630.	2.3	13
43	The Effect of Model Misspecification on Growth Mixture Model Class Enumeration. Journal of Classification, 2017, 34, 223-248.	2.2	12
44	The effect of measurement quality on targeted structural model fit indices: A comment on Lance, Beck, Fan, and Carter (2016).. Psychological Methods, 2018, 23, 184-190.	3.5	12
45	Estimating New Quantities from Longitudinal Test Scores to Improve Forecasts of Future Performance. Multivariate Behavioral Research, 2020, 55, 894-909.	3.1	11
46	Mental capacity to consent to treatment and the association with outcome: A longitudinal study in patients with anorexia nervosa. BJPsych Open, 2017, 3, 147-153.	0.7	10
47	Effect Partitioning in Cross-Sectionally Clustered Data Without Multilevel Models. Multivariate Behavioral Research, 2019, 54, 906-925.	3.1	10
48	Second-by-second infant and mother emotion regulation and coregulation processes. Development and Psychopathology, 2022, 34, 1887-1900.	2.3	9
49	Increasing the Consequential Validity of Reading Assessment Using Dynamic Measurement Modeling: A Comment on Dumas and McNeish (2017). Educational Researcher, 2018, 47, 612-614.	5.4	8
50	Calculating Conditional Reliability for Dynamic Measurement Model Capacity Estimates. Journal of Educational Measurement, 2018, 55, 614-634.	1.2	8
51	Poisson Multilevel Models with Small Samples. Multivariate Behavioral Research, 2019, 54, 444-455.	3.1	8
52	Dynamic Measurement in Health Professions Education. Academic Medicine, 2019, 94, 1323-1328.	1.6	8
53	The relationship between media type and vocabulary learning in a cross age peer-learning program for linguistically diverse elementary school students. Contemporary Educational Psychology, 2019, 56, 106-116.	2.9	8
54	Improving convergence in growth mixture models without covariance structure constraints. Statistical Methods in Medical Research, 2021, 30, 994-1012.	1.5	8

#	Article	IF	Citations
55	Effects of a multimedia enhanced reading buddies program on kindergarten and Grade 4 vocabulary and comprehension. Journal of Educational Research, 2017, 110, 391-404.	1.6	7
56	Brief Research Report: Growth Models With Small Samples and Missing Data. Journal of Experimental Education, 2018, 86, 690-701.	2.6	7
57	Perceptions of competence, control, and belongingness over the transition to high school: A mixed-method study. Contemporary Educational Psychology, 2019, 56, 55-66.	2.9	7
58	Reducing Incidence of Nonpositive Definite Covariance Matrices in Mixed Effect Models. Multivariate Behavioral Research, 2022, 57, 318-340.	3.1	7
59	Quantitatively representing real-time emotion dynamics: Attachment-based differences in mothersâ€™ emotion experiences.. Journal of Family Psychology, 2020, 34, 480-489.	1.3	7
60	Flexible Treatment of Time-Varying Covariates with Time Unstructured Data. Structural Equation Modeling, 2020, 27, 298-317.	3.8	6
61	Early Screening for Decoding- and Language-Related Reading Difficulties in First and Third Grades. Assessment for Effective Intervention, 2021, 46, 99-109.	0.8	6
62	Facilitating Growth Mixture Model Convergence in Preventive Interventions. Prevention Science, 2023, 24, 505-516.	2.6	6
63	Fitting Residual Error Structures for Growth Models in SAS PROC MCMC. Educational and Psychological Measurement, 2017, 77, 587-612.	2.4	5
64	Fitting the Longitudinal Actor-Partner Interdependence Model as a Dynamic Structural Equation Model in Mplus. Structural Equation Modeling, 2023, 30, 296-314.	3.8	5
65	Relaxing the Proportionality Assumption in Latent Basis Models for Nonlinear Growth. Structural Equation Modeling, 2020, 27, 817-824.	3.8	4
66	Response heterogeneity to lifestyle intervention among Latino adolescents. Pediatric Diabetes, 2020, 21, 1430-1436.	2.9	4
67	Analyzing Nested Data. , 2020, , 426-443.		4
68	Nonconvergence, covariance constraints, and class enumeration in growth mixture models.. Psychological Methods, 2023, 28, 962-992.	3.5	4
69	Scoring Repeated Standardized Tests to Estimate Capacity, Not Just Current Ability. Policy Insights From the Behavioral and Brain Sciences, 2019, 6, 218-224.	2.4	3
70	A seasonal dynamic measurement model for summer learning loss. Journal of the Royal Statistical Society Series A: Statistics in Society, 2021, 184, 616-642.	1.1	3
71	More Powerful Tests of Simple Interaction Contrasts in the Two-Way Factorial Design. Journal of Experimental Education, 2017, 85, 24-35.	2.6	2
72	Modeling individual differences in the timing of change onset and offset.. Psychological Methods, 2023, 28, 401-421.	3.5	2

#	Article	IF	Citations
73	Applying Kaplan-Meier to Item Response Data. Journal of Experimental Education, 2018, 86, 308-324.	2.6	1
74	Heterogeneity in effects of parentâ€“child separation on youngâ€“adult substance use disorder.. Journal of Family Psychology, 2022, 36, 159-169.	1.3	1
75	The Role of Social Position Within Peer Groups in Distress-Motivated Smoking Among Adolescents. Journal of Studies on Alcohol and Drugs, 2022, 83, 420-429.	1.0	1
76	The Role of Social Position Within Peer Groups in Distress-Motivated Smoking Among Adolescents.. Journal of Studies on Alcohol and Drugs, 2022, 83, 420-429.	1.0	0
77	Modelling time to maximum competency in medical student progress tests. Journal of the Royal Statistical Society Series A: Statistics in Society, 0, , .	1.1	0