

David Kaplan

List of Publications by Year in descending order

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67
papers

7,710
citations

186209

28
h-index

110317

64
g-index

69
all docs

69
docs citations

69
times ranked

6186
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of some methodologies for the factor analysis of non-normal Likert variables. <i>British Journal of Mathematical and Statistical Psychology</i> , 1985, 38, 171-189.	1.0	1,201
2	Early math matters: Kindergarten number competence and later mathematics outcomes. <i>Developmental Psychology</i> , 2009, 45, 850-867.	1.2	753
3	On structural equation modeling with data that are not missing completely at random. <i>Psychometrika</i> , 1987, 52, 431-462.	1.2	711
4	A Gentle Introduction to Bayesian Analysis: Applications to Developmental Research. <i>Child Development</i> , 2014, 85, 842-860.	1.7	512
5	Number Sense Growth in Kindergarten: A Longitudinal Investigation of Children at Risk for Mathematics Difficulties. <i>Child Development</i> , 2006, 77, 153-175.	1.7	497
6	A comparison of some methodologies for the factor analysis of non-normal Likert variables: A note on the size of the model. <i>British Journal of Mathematical and Statistical Psychology</i> , 1992, 45, 19-30.	1.0	449
7	Predicting First-Grade Math Achievement from Developmental Number Sense Trajectories. <i>Learning Disabilities Research and Practice</i> , 2007, 22, 36-46.	0.9	402
8	A Longitudinal Study of Mathematical Competencies in Children With Specific Mathematics Difficulties Versus Children With Comorbid Mathematics and Reading Difficulties. <i>Child Development</i> , 2003, 74, 834-850.	1.7	342
9	Structural Equation Modeling (2nd ed.): Foundations and Extensions. , 2009, , .		334
10	Performance across different areas of mathematical cognition in children with learning difficulties. <i>Journal of Educational Psychology</i> , 2001, 93, 615-626.	2.1	266
11	Arithmetic fact mastery in young children: A longitudinal investigation. <i>Journal of Experimental Child Psychology</i> , 2003, 85, 103-119.	0.7	254
12	Evaluating and Modifying Covariance Structure Models: A Review and Recommendation. <i>Multivariate Behavioral Research</i> , 1990, 25, 137-155.	1.8	209
13	Achievement growth in children with learning difficulties in mathematics: Findings of a two-year longitudinal study. <i>Journal of Educational Psychology</i> , 2002, 94, 586-597.	2.1	165
14	The Impact of Specification Error on the Estimation, Testing, and Improvement of Structural Equation Models. <i>Multivariate Behavioral Research</i> , 1988, 23, 69-86.	1.8	132
15	A structural model of parent and teacher influences on science attitudes of eighth graders: Evidence from NELS: 88. <i>Science Education</i> , 1998, 82, 93-109.	1.8	131
16	An overview of Markov chain methods for the study of stage-sequential developmental processes. <i>Developmental Psychology</i> , 2008, 44, 457-467.	1.2	107
17	Model Modification in Covariance Structure Analysis: Application of the Expected Parameter Change Statistic. <i>Multivariate Behavioral Research</i> , 1989, 24, 285-305.	1.8	91
18	A didactic example of multilevel structural equation modeling applicable to the study of organizations. <i>Structural Equation Modeling</i> , 1997, 4, 1-24.	2.4	87

#	ARTICLE	IF	CITATIONS
19	Development of number combination skill in the early school years: when do fingers help?. <i>Developmental Science</i> , 2008, 11, 662-668.	1.3	87
20	Teaching Practices and Pedagogical Innovations. <i>Teaching and Learning International Survey</i> , 2012, , .	6.9	79
21	A study of the power associated with testing factor mean differences under violations of factorial invariance. <i>Structural Equation Modeling</i> , 1995, 2, 101-118.	2.4	66
22	A Study of the Sampling Variability and z-Values of Parameter Estimates From Misspecified Structural Equation Models. <i>Multivariate Behavioral Research</i> , 1989, 24, 41-57.	1.8	62
23	On the utilization of sample weights in latent variable models. <i>Structural Equation Modeling</i> , 1999, 6, 305-321.	2.4	56
24	Estimator Conditioning Diagnostics for Covariance Structure Models. <i>Sociological Methods and Research</i> , 1994, 23, 200-229.	4.3	46
25	A Two-Step Bayesian Approach for Propensity Score Analysis: Simulations and Case Study. <i>Psychometrika</i> , 2012, 77, 581-609.	1.2	42
26	Asymptomatic Independence and Separability in Covariance Structure Models: Implications for Specification Error, Power, and Model Modification. <i>Multivariate Behavioral Research</i> , 1993, 28, 467-482.	1.8	37
27	A Model-Based Approach to Validating Education Indicators Using Multilevel Structural Equation Modeling. <i>Journal of Educational and Behavioral Statistics</i> , 1997, 22, 323-347.	1.0	36
28	Methodological Advances in the Analysis of Individual Growth With Relevance to Education Policy. <i>Peabody Journal of Education</i> , 2002, 77, 189-215.	0.8	34
29	A Stage-Sequential Model of Reading Transitions: Evidence From the Early Childhood Longitudinal Study.. <i>Journal of Educational Psychology</i> , 2005, 97, 551-563.	2.1	30
30	On the Quantification of Model Uncertainty: A Bayesian Perspective. <i>Psychometrika</i> , 2021, 86, 215-238.	1.2	29
31	Multilevel Latent Variable Modeling: Current Research and Recent Developments. , 0, , 592-612.		29
32	A Note on Cluster Effects in Latent Class Analysis. <i>Structural Equation Modeling</i> , 2011, 18, 525-536.	2.4	25
33	The influence of park access during drought on attitudes toward wildlife and lion killing behaviour in Maasailand, Kenya. <i>Environmental Conservation</i> , 2013, 40, 266-276.	0.7	24
34	Stability and patterns of classroom quality in German early childhood education and care. <i>School Effectiveness and School Improvement</i> , 2016, 27, 418-440.	1.4	24
35	On Matrix Sampling and Imputation of Context Questionnaires With Implications for the Generation of Plausible Values in Large-Scale Assessments. <i>Journal of Educational and Behavioral Statistics</i> , 2016, 41, 57-80.	1.0	23
36	Bayesian Model Averaging for Propensity Score Analysis. <i>Multivariate Behavioral Research</i> , 2014, 49, 505-517.	1.8	21

#	ARTICLE	IF	CITATIONS
37	The Impact of BIB Spiraling-Induced Missing Data Patterns on Goodness-of-Fit Tests in Factor Analysis. <i>Journal of Educational and Behavioral Statistics</i> , 1995, 20, 69-82.	1.0	20
38	An Extension of the Propensity Score Adjustment Method for the Analysis of Group Differences in MIMIC Models. <i>Multivariate Behavioral Research</i> , 1999, 34, 467-492.	1.8	20
39	A Rejoinder on Evaluating and Modifying Covariance Structure Models. <i>Multivariate Behavioral Research</i> , 1990, 25, 197-204.	1.8	19
40	Optimizing Prediction Using Bayesian Model Averaging: Examples Using Large-Scale Educational Assessments. <i>Evaluation Review</i> , 2018, 42, 423-457.	0.4	19
41	On the modification and predictive validity of covariance structure models. <i>Quality and Quantity</i> , 1991, 25, 307-314.	2.0	17
42	The Impact of BIB Spiraling. Induced Missing Data Patterns on Goodness-of-Fit Tests in Factor Analysis. <i>Journal of Educational and Behavioral Statistics</i> , 1995, 20, 69.	1.0	16
43	Finite Mixture Dynamic Regression Modeling of Panel Data With Implications for Dynamic Response Analysis. <i>Journal of Educational and Behavioral Statistics</i> , 2005, 30, 169-187.	1.0	16
44	Language and Inhibition: Predictive Relationships in Children With Language Impairment Relative to Typically Developing Peers. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 1115-1127.	0.7	16
45	Power of the Likelihood Ratio Test in Multiple Group Confirmatory Factor Analysis under Partial Measurement Invariance. <i>Educational and Psychological Measurement</i> , 1989, 49, 579-586.	1.2	15
46	Causal inference with large-scale assessments in education from a Bayesian perspective: a review and synthesis. <i>Large-Scale Assessments in Education</i> , 2016, 4, .	0.8	14
47	Bayesian Model Averaging Over Directed Acyclic Graphs With Implications for the Predictive Performance of Structural Equation Models. <i>Structural Equation Modeling</i> , 2016, 23, 343-353.	2.4	14
48	The Role of Parental Language Acculturation in the Formation of Social Capital: Differential Effects on High-risk Children. <i>Child Psychiatry and Human Development</i> , 2013, 44, 334-350.	1.1	13
49	Compliance, opposition, and behavior problems in toddlers born preterm or low birthweight. <i>Infant Mental Health Journal</i> , 2012, 33, 34-44.	0.7	12
50	Data fusion with international large scale assessments: a case study using the OECD PISA and TALIS surveys. <i>Large-Scale Assessments in Education</i> , 2013, 1, .	0.8	12
51	Covariate Balance in Bayesian Propensity Score Approaches for Observational Studies. <i>Journal of Research on Educational Effectiveness</i> , 2015, 8, 280-302.	0.9	11
52	The behaviour of three weighted least squares estimators for structured means analysis with non-normal Likert variables. <i>British Journal of Mathematical and Statistical Psychology</i> , 1991, 44, 333-346.	1.0	10
53	Bayesian Causal Mediation Analysis for Group Randomized Designs with Homogeneous and Heterogeneous Effects: Simulation and Case Study. <i>Multivariate Behavioral Research</i> , 2015, 50, 316-333.	1.8	10
54	On imputation for planned missing data in context questionnaires using plausible values: a comparison of three designs. <i>Large-Scale Assessments in Education</i> , 2018, 6, .	0.8	10

#	ARTICLE	IF	CITATIONS
55	Evaluating Latent Variable Growth Models Through Ex Post Simulation. Journal of Educational and Behavioral Statistics, 1998, 23, 216-235.	1.0	9
56	The Methodology of PISA: Past, Present, and Future. Methodology of Educational Measurement and Assessment, 2016, , 53-73.	0.4	8
57	An Approach to Addressing Multiple Imputation Model Uncertainty Using Bayesian Model Averaging. Multivariate Behavioral Research, 2020, 55, 553-567.	1.8	7
58	The Problem of Error Rate Inflation in Covariance Structure Models. Educational and Psychological Measurement, 1989, 49, 333-337.	1.2	5
59	Bayesian probabilistic forecasting with large-scale educational trend data: a case study using NAEP. Large-Scale Assessments in Education, 2021, 9, .	0.8	5
60	Bayesian Dynamic Borrowing of Historical Information with Applications to the Analysis of Large-Scale Assessments. Psychometrika, 2023, 88, 1-30.	1.2	5
61	Modeling Sustained Educational Change With Panel Data: The Case for Dynamic Multiplier Analysis. Journal of Educational and Behavioral Statistics, 2002, 27, 85-103.	1.0	4
62	Two Studies of Specification Error in Models for Categorical Latent Variables. Structural Equation Modeling, 2011, 18, 397-418.	2.4	3
63	Generating Multivariate Ordinal Data via Entropy Principles. Psychometrika, 2018, 83, 156-181.	1.2	2
64	On Exogeneity. , 0, , 410-425.		2
65	A Model-Based Approach to Validating Education Indicators Using Multilevel Structural Equation Modeling. Journal of Educational and Behavioral Statistics, 1997, 22, 323.	1.0	1
66	Evaluating Latent Variable Growth Models Through Ex Post Simulation. Journal of Educational and Behavioral Statistics, 1998, 23, 216.	1.0	1
67	Trend Analysis with International Large-Scale Assessments. Springer International Handbooks of Education, 2021, , 1-14.	0.1	0