

Edgar C Merkle

List of Publications by Year in descending order

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48
papers

1,429
citations

394421

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361022

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g-index

49
all docs

49
docs citations

49
times ranked

1731
citing authors

#	ARTICLE	IF	CITATIONS
1	A note on identification constraints and information criteria in Bayesian latent variable models. Behavior Research Methods, 2022, 54, 795-804.	4.0	1
2	Computation and application of generalized linear mixed model derivatives using lme4. Psychometrika, 2022, 87, 1173-1193.	2.1	8
3	Score-based tests for detecting heterogeneity in linear mixed models. Behavior Research Methods, 2021, 53, 216-231.	4.0	1
4	Between-Item Multidimensional IRT: How Far Can the Estimation Methods Go?. Psych, 2021, 3, 404-421.	1.6	7
5	Model Selection of Nested and Non-Nested Item Response Models Using Vuong Tests. Multivariate Behavioral Research, 2020, 55, 664-684.	3.1	15
6	Beating the average forecast: Regularization based on forecaster attributes. Journal of Mathematical Psychology, 2020, 98, 102419.	1.8	7
7	Bayesian Comparison of Latent Variable Models: Conditional Versus Marginal Likelihoods. Psychometrika, 2019, 84, 802-829.	2.1	45
8	Bayesian latent variable models for the analysis of experimental psychology data. Psychonomic Bulletin and Review, 2018, 25, 256-270.	2.8	20
9	Direction of dependence in measurement error models. British Journal of Mathematical and Statistical Psychology, 2018, 71, 117-145.	1.4	20
10	Using trial-level data and multilevel modeling to investigate within-task change in event-related potentials. Psychophysiology, 2018, 55, e13044.	2.4	66
11	Score-Based Tests of Differential Item Functioning via Pairwise Maximum Likelihood Estimation. Psychometrika, 2018, 83, 132-155.	2.1	14
12	blavaan: Bayesian Structural Equation Models via Parameter Expansion. Journal of Statistical Software, 2018, 85, .	3.7	124
13	merDeriv: Derivative Computations for Linear Mixed Effects Models with Application to Robust Standard Errors. Journal of Statistical Software, 2018, 87, .	3.7	8
14	The iterative nature of person construal: Evidence from event-related potentials. Social Cognitive and Affective Neuroscience, 2017, 12, 1097-1107.	3.0	14
15	A neglected dimension of good forecasting judgment: The questions we choose also matter. International Journal of Forecasting, 2017, 33, 817-832.	6.5	17
16	Factor analysis linking functions for simultaneously modeling neural and behavioral data. NeuroImage, 2017, 153, 28-48.	4.2	35
17	Perceptions of community, social capital, and how they affect self-reported health: a multilevel analysis. Public Health, 2017, 152, 9-16.	2.9	2
18	Item response models of probability judgments: Application to a geopolitical forecasting tournament.. Decision, 2016, 3, 1-19.	0.5	16

#	ARTICLE	IF	CITATIONS
19	Testing nonnested structural equation models.. Psychological Methods, 2016, 21, 151-163.	3.5	86
20	The psychology of intelligence analysis: Drivers of prediction accuracy in world politics.. Journal of Experimental Psychology: Applied, 2015, 21, 1-14.	1.2	105
21	Informed Decision Making. Medical Decision Making, 2015, 35, 999-1009.	2.4	64
22	Score-based tests of measurement invariance: use in practice. Frontiers in Psychology, 2014, 5, 438.	2.1	16
23	Evaluating Probabilistic Forecasts with Bayesian Signal Detection Models. Risk Analysis, 2014, 34, 435-452.	2.7	11
24	Testing for Measurement Invariance with Respect to an Ordinal Variable. Psychometrika, 2014, 79, 569-584.	2.1	32
25	Forecast aggregation via recalibration. Machine Learning, 2014, 95, 261-289.	5.4	50
26	Tests of Measurement Invariance Without Subgroups: A Generalization of Classical Methods. Psychometrika, 2013, 78, 59-82.	2.1	39
27	Why Do Patients Derogate Physicians Who Use a Computer-Based Diagnostic Support System?. Medical Decision Making, 2013, 33, 108-118.	2.4	74
28	Choosing a Strictly Proper Scoring Rule. Decision Analysis, 2013, 10, 292-304.	2.1	83
29	Chemotherapy Was Not Associated With Cognitive Decline in Older Adults With Breast and Colorectal Cancer. Medical Care, 2012, 50, 849-855.	2.4	19
30	The problem of model selection uncertainty in structural equation modeling.. Psychological Methods, 2012, 17, 1-14.	3.5	126
31	Beta Regression Finite Mixture Models of Polarization and Priming. Journal of Educational and Behavioral Statistics, 2011, 36, 804-831.	1.7	21
32	Examination of the legibility of isolated characters of onscreen typefaces. Information Design Journal, 2011, 19, 28-45.	0.5	1
33	Binary recursive partitioning: Background, methods, and application to psychology. British Journal of Mathematical and Statistical Psychology, 2011, 64, 161-181.	1.4	45
34	Hierarchical models of simple mechanisms underlying confidence in decision making. Journal of Mathematical Psychology, 2011, 55, 57-67.	1.8	21
35	A Comparison of Imputation Methods for Bayesian Factor Analysis Models. Journal of Educational and Behavioral Statistics, 2011, 36, 257-276.	1.7	20
36	A Psychological Model for Aggregating Judgments of Magnitude. Lecture Notes in Computer Science, 2011, , 236-243.	1.3	7

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37	Comparing the legibility of six ClearType typefaces to Verdana and Times New Roman. Information Design Journal, 2010, 18, 36-49.	0.5	12
38	Calibrating Subjective Probabilities Using Hierarchical Bayesian Models. Lecture Notes in Computer Science, 2010, , 13-22.	1.3	3
39	Using Saccadic Intrusions to Quantify Mental Workload. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 809-813.	0.3	4
40	The disutility of the hard-easy effect in choice confidence. Psychonomic Bulletin and Review, 2009, 16, 204-213.	2.8	28
41	Using Saccadic Intrusions To Quantify Mental Workload. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 809-813.	0.3	4
42	Understanding How Participation in a Consumerâ€œRun Organization Relates to Recovery. American Journal of Community Psychology, 2008, 42, 167-178.	2.5	39
43	Response error and processing biases in confidence judgment. Journal of Behavioral Decision Making, 2008, 21, 428-448.	1.7	8
44	Rejoinder: error in confidence judgments. Journal of Behavioral Decision Making, 2008, 21, 453-456.	1.7	2
45	Option fixation: A cognitive contributor to overconfidence. Organizational Behavior and Human Decision Processes, 2007, 103, 68-83.	2.5	34
46	An application of the Poisson race model to confidence calibration.. Journal of Experimental Psychology: General, 2006, 135, 391-408.	2.1	54
47	Bayesian Factor Models for the Analysis of Experimental Data. SSRN Electronic Journal, 0, , .	0.4	0
48	Scoreâ€œbased measurement invariance checks for Bayesian maximumâ€œposteriori estimates in item response theory. British Journal of Mathematical and Statistical Psychology, 0, , .	1.4	0