

# Edgar C Merkle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1032895/publications.pdf>

Version: 2024-02-01

48  
papers

1,429  
citations

394421

19  
h-index

361022

35  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1731  
citing authors

#	ARTICLE	IF	CITATIONS
1	The problem of model selection uncertainty in structural equation modeling.. Psychological Methods, 2012, 17, 1-14.	3.5	126
2	<b>blavaan</b>: Bayesian Structural Equation Models via Parameter Expansion. Journal of Statistical Software, 2018, 85, .	3.7	124
3	The psychology of intelligence analysis: Drivers of prediction accuracy in world politics.. Journal of Experimental Psychology: Applied, 2015, 21, 1-14.	1.2	105
4	Testing nonnested structural equation models.. Psychological Methods, 2016, 21, 151-163.	3.5	86
5	Choosing a Strictly Proper Scoring Rule. Decision Analysis, 2013, 10, 292-304.	2.1	83
6	Why Do Patients Derogate Physicians Who Use a Computer-Based Diagnostic Support System?. Medical Decision Making, 2013, 33, 108-118.	2.4	74
7	Using trialâ€level data and multilevel modeling to investigate withinâ€task change in eventâ€related potentials. Psychophysiology, 2018, 55, e13044.	2.4	66
8	Informed Decision Making. Medical Decision Making, 2015, 35, 999-1009.	2.4	64
9	An application of the Poisson race model to confidence calibration.. Journal of Experimental Psychology: General, 2006, 135, 391-408.	2.1	54
10	Forecast aggregation via recalibration. Machine Learning, 2014, 95, 261-289.	5.4	50
11	Binary recursive partitioning: Background, methods, and application to psychology. British Journal of Mathematical and Statistical Psychology, 2011, 64, 161-181.	1.4	45
12	Bayesian Comparison of Latent Variable Models: Conditional Versus Marginal Likelihoods. Psychometrika, 2019, 84, 802-829.	2.1	45
13	Understanding How Participation in a Consumerâ€Run Organization Relates to Recovery. American Journal of Community Psychology, 2008, 42, 167-178.	2.5	39
14	Tests of Measurement Invariance Without Subgroups: A Generalization of Classical Methods. Psychometrika, 2013, 78, 59-82.	2.1	39
15	Factor analysis linking functions for simultaneously modeling neural and behavioral data. NeuroImage, 2017, 153, 28-48.	4.2	35
16	Option fixation: A cognitive contributor to overconfidence. Organizational Behavior and Human Decision Processes, 2007, 103, 68-83.	2.5	34
17	Testing for Measurement Invariance with Respect to an Ordinal Variable. Psychometrika, 2014, 79, 569-584.	2.1	32
18	The disutility of the hard-easy effect in choice confidence. Psychonomic Bulletin and Review, 2009, 16, 204-213.	2.8	28

#	ARTICLE	IF	CITATIONS
19	Beta Regression Finite Mixture Models of Polarization and Priming. <i>Journal of Educational and Behavioral Statistics</i> , 2011, 36, 804-831.	1.7	21
20	Hierarchical models of simple mechanisms underlying confidence in decision making. <i>Journal of Mathematical Psychology</i> , 2011, 55, 57-67.	1.8	21
21	A Comparison of Imputation Methods for Bayesian Factor Analysis Models. <i>Journal of Educational and Behavioral Statistics</i> , 2011, 36, 257-276.	1.7	20
22	Bayesian latent variable models for the analysis of experimental psychology data. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 256-270.	2.8	20
23	Direction of dependence in measurement error models. <i>British Journal of Mathematical and Statistical Psychology</i> , 2018, 71, 117-145.	1.4	20
24	Chemotherapy Was Not Associated With Cognitive Decline in Older Adults With Breast and Colorectal Cancer. <i>Medical Care</i> , 2012, 50, 849-855.	2.4	19
25	A neglected dimension of good forecasting judgment: The questions we choose also matter. <i>International Journal of Forecasting</i> , 2017, 33, 817-832.	6.5	17
26	Score-based tests of measurement invariance: use in practice. <i>Frontiers in Psychology</i> , 2014, 5, 438.	2.1	16
27	Item response models of probability judgments: Application to a geopolitical forecasting tournament.. <i>Decision</i> , 2016, 3, 1-19.	0.5	16
28	Model Selection of Nested and Non-Nested Item Response Models Using Vuong Tests. <i>Multivariate Behavioral Research</i> , 2020, 55, 664-684.	3.1	15
29	The iterative nature of person construal: Evidence from event-related potentials. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1097-1107.	3.0	14
30	Score-Based Tests of Differential Item Functioning via Pairwise Maximum Likelihood Estimation. <i>Psychometrika</i> , 2018, 83, 132-155.	2.1	14
31	Comparing the legibility of six ClearType typefaces to Verdana and Times New Roman. <i>Information Design Journal</i> , 2010, 18, 36-49.	0.5	12
32	Evaluating Probabilistic Forecasts with Bayesian Signal Detection Models. <i>Risk Analysis</i> , 2014, 34, 435-452.	2.7	11
33	Response error and processing biases in confidence judgment. <i>Journal of Behavioral Decision Making</i> , 2008, 21, 428-448.	1.7	8
34	<b>merDeriv</b>: Derivative Computations for Linear Mixed Effects Models with Application to Robust Standard Errors. <i>Journal of Statistical Software</i> , 2018, 87, .	3.7	8
35	Computation and application of generalized linear mixed model derivatives using lme4. <i>Psychometrika</i> , 2022, 87, 1173-1193.	2.1	8
36	Beating the average forecast: Regularization based on forecaster attributes. <i>Journal of Mathematical Psychology</i> , 2020, 98, 102419.	1.8	7

#	ARTICLE	IF	CITATIONS
37	Between-Item Multidimensional IRT: How Far Can the Estimation Methods Go?. Psych, 2021, 3, 404-421.	1.6	7
38	A Psychological Model for Aggregating Judgments of Magnitude. Lecture Notes in Computer Science, 2011, , 236-243.	1.3	7
39	Using Saccadic Intrusions to Quantify Mental Workload. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 809-813.	0.3	4
40	Using Saccadic Intrusions To Quantify Mental Workload. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 809-813.	0.3	4
41	Calibrating Subjective Probabilities Using Hierarchical Bayesian Models. Lecture Notes in Computer Science, 2010, , 13-22.	1.3	3
42	Rejoinder: error in confidence judgments. Journal of Behavioral Decision Making, 2008, 21, 453-456.	1.7	2
43	Perceptions of community, social capital, and how they affect self-reported health: a multilevel analysis. Public Health, 2017, 152, 9-16.	2.9	2
44	Examination of the legibility of isolated characters of onscreen typefaces. Information Design Journal, 2011, 19, 28-45.	0.5	1
45	Score-based tests for detecting heterogeneity in linear mixed models. Behavior Research Methods, 2021, 53, 216-231.	4.0	1
46	A note on identification constraints and information criteria in Bayesian latent variable models. Behavior Research Methods, 2022, 54, 795-804.	4.0	1
47	Bayesian Factor Models for the Analysis of Experimental Data. SSRN Electronic Journal, 0, , .	0.4	0
48	Score-based measurement invariance checks for Bayesian maximum a posteriori estimates in item response theory. British Journal of Mathematical and Statistical Psychology, 0, , .	1.4	0