Paul De Boeck

List of Publications by Year in descending order

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		81839	64755
158	7,357	39	79
papers	citations	h-index	g-index
162	162	162	7117
163	163	163	7117
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Characterizing Sleep Problems in 16p11.2 Deletion and Duplication. Journal of Autism and Developmental Disorders, 2023, 53, 1462-1475.	1.7	6
2	Impact of word properties on list learning: An explanatory item analysis Neuropsychology, 2023, 37, 268-283.	1.0	O
3	Modeling Conditional Dependence of Response Accuracy and Response Time with the Diffusion Item Response Theory Model. Psychometrika, 2022, 87, 725-748.	1.2	9
4	Understanding the role of subpopulations and reliability in between-group studies. Behavior Research Methods, 2022, 54, 2162-2177.	2.3	1
5	A randomness perspective on intelligence processes. Intelligence, 2022, 91, 101632.	1.6	6
6	Accelerating Psychological Science With Metastudies: A Demonstration Using the Risky-Choice Framing Effect. Perspectives on Psychological Science, 2022, 17, 1704-1736.	5. 2	14
7	The Hierarchical Rater Thresholds Model for Multiple Raters and Multiple Items. Open Education Studies, 2021, 3, 33-48.	0.4	O
8	Not all DIF is shaped similarly. Psychometrika, 2021, 86, 712-716.	1.2	1
9	Controlling speed in component skills of reading improves the explanation of reading comprehension Journal of Educational Psychology, 2021, 113, 861-878.	2.1	3
10	Modeling Within-Item Dependencies in Parallel Data on Test Responses and Brain Activation. Psychometrika, 2021, 86, 239-271.	1.2	4
11	From the Outgoing Editor. Journal of Intelligence, 2021, 9, 49.	1.3	O
12	Educational assessment issues in linguistically diverse contexts: a case study using a generalised linear mixed model. Language, Culture and Curriculum, 2020, 33, 305-318.	1.7	4
13	Factors associated with sensitive regression weights: A fungible parameter approach. Behavior Research Methods, 2020, 52, 207-223.	2.3	1
14	Standard Setting of Competency in Mastoidectomy for the Cross-Institutional Mastoidectomy Assessment Tool. Annals of Otology, Rhinology and Laryngology, 2020, 129, 340-346.	0.6	2
15	Statistical modeling of intensive categorical time-series eye-tracking data using dynamic generalized linear mixed-effect models with crossed random effects. Psychology of Learning and Motivation - Advances in Research and Theory, 2020, 73, 1-31.	0.5	O
16	Does planning help for execution? The complex relationship between planning and execution. PLoS ONE, 2020, 15, e0237568.	1.1	0
17	Trivariate Theory of Mind Data Analysis with a Conditional Joint Modeling Approach. Psychometrika, 2020, 85, 398-436.	1.2	2
18	Modeling Intensive Polytomous Time-Series Eye-Tracking Data: A Dynamic Tree-Based Item Response Model. Psychometrika, 2020, 85, 154-184.	1.2	5

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19	The Many Faces of Intelligence: A Discussion of Geary's Mitochondrial Functioning Theory on General Intelligence. Journal of Intelligence, 2020, 8, 8.	1.3	2
20	An analysis of an item-response strategy based on knowledge retrieval. Behavior Research Methods, 2019, 51, 697-719.	2.3	6
21	Evaluation on types of invariance in studying extreme response bias with an IRTree approach. British Journal of Mathematical and Statistical Psychology, 2019, 72, 517-537.	1.0	13
22	Beyond Registration Pre and Post. Computational Brain & Behavior, 2019, 2, 183-186.	0.9	1
23	Collaborative Problem Solving: Processing Actions, Time, and Performance. Frontiers in Psychology, 2019, 10, 1280.	1.1	20
24	An Overview of Models for Response Times and Processes in Cognitive Tests. Frontiers in Psychology, 2019, 10, 102.	1.1	94
25	Curvilinear dependency of response accuracy on response time in cognitive tests. Intelligence, 2018, 69, 16-23.	1.6	16
26	Cross-Institutional Evaluation of a Mastoidectomy Assessment Instrument. Journal of Surgical Education, 2018, 75, 678-687.	1.2	3
27	Metastudies for robust tests of theory. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2607-2612.	3.3	74
28	Caregiver Burden Varies by Sensory Subtypes and Sensory Dimension Scores of Children with Autism. Journal of Autism and Developmental Disorders, 2018, 48, 1133-1146.	1.7	13
29	Redefine statistical significance. Nature Human Behaviour, 2018, 2, 6-10.	6.2	1,763
30	Response Mixture Modeling: Accounting for Heterogeneity in Item Characteristics across Response Times. Psychometrika, 2018, 83, 279-297.	1.2	30
31	Perceived crisis and reforms: Issues, explanations, and remedies Psychological Bulletin, 2018, 144, 757-777.	5.5	52
32	Spontaneous and imposed speed of cognitive test responses. British Journal of Mathematical and Statistical Psychology, 2017, 70, 225-237.	1.0	28
33	Multi-Institutional Development of a Mastoidectomy Performance Evaluation Instrument. Journal of Surgical Education, 2017, 74, 1081-1087.	1.2	3
34	Modelling Conditional Dependence Between Response Time and Accuracy. Psychometrika, 2017, 82, 1126-1148.	1.2	59
35	Conditional Dependence between Response Time and Accuracy: An Overview of its Possible Sources and Directions for Distinguishing between Them. Frontiers in Psychology, 2017, 8, 202.	1.1	30
36	On the Interpretation and Use of Mediation: Multiple Perspectives on Mediation Analysis. Frontiers in Psychology, 2017, 8, 1984.	1.1	209

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37	Modeling Skipped and Notâ€Reached Items Using IRTrees. Journal of Educational Measurement, 2017, 54, 333-363.	0.7	36
38	Decision qualities of Bayes factor and p value-based hypothesis testing. Psychological Methods, 2017, 22, 340-360.	2.7	22
39	Response Mixture Modeling of Intraindividual Differences in Responses and Response Times to the Hungarian WISC-IV Block Design Test. Journal of Intelligence, 2016, 4, 10.	1.3	13
40	Attempting to differentiate fast and slow intelligence: Using generalized item response trees to examine the role of speed on intelligence tests. Intelligence, 2016, 56, 82-92.	1.6	28
41	A generalized item response tree model for psychological assessments. Behavior Research Methods, 2016, 48, 1070-1085.	2.3	95
42	Moving to the Double-Blind Review System. Journal of Intelligence, 2015, 3, 158-159.	1.3	0
43	Linear mixed modelling for data from a double mixed factorial design with covariates: a case-study on semantic categorization response times. Journal of the Royal Statistical Society Series C: Applied Statistics, 2014, 63, 289-302.	0.5	5
44	Additive Multilevel Item Structure Models with Random Residuals: Item Modeling for Explanation and Item Generation. Psychometrika, 2014, 79, 84-104.	1.2	25
45	A Confirmatory Factor Analysis Approach to Test Anxiety. Structural Equation Modeling, 2014, 21, 455-467.	2.4	7
46	Modelling Dyadic Interaction with Hawkes Processes. Psychometrika, 2013, 78, 793-814.	1.2	34
47	How Much Power and Speed Is Measured in This Test?. Assessment, 2013, 20, 242-252.	1.9	23
48	Functionally Unidimensional Item Response Models for Multivariate Binary Data. Multivariate Behavioral Research, 2013, 48, 534-562.	1.8	8
49	Contextualized Personality Questionnaires: A Case for Copulas in Structural Equation Models for Categorical Data. Multivariate Behavioral Research, 2013, 48, 845-870.	1.8	8
50	Intelligence, Where to Look, Where to Go?. Journal of Intelligence, 2013, 1, 5-24.	1.3	12
51	A Robust Outlier Approach to Prevent Type I Error Inflation in Differential Item Functioning. Educational and Psychological Measurement, 2012, 72, 291-311.	1.2	15
52	Parameter estimation of multiple item response profile model. British Journal of Mathematical and Statistical Psychology, 2012, 65, 438-466.	1.0	16
53	Can fast and slow intelligence be differentiated?. Intelligence, 2012, 40, 23-32.	1.6	65
54	The Heteroscedastic Graded Response Model with a Skewed Latent Trait: Testing Statistical and Substantive Hypotheses Related to Skewed Item Category Functions. Psychometrika, 2012, 77, 455-478.	1.2	34

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55	IRTrees: Tree-Based Item Response Models of the GLMM Family. Journal of Statistical Software, 2012, 48,	1.8	109
56	Do Raven's Colored Progressive Matrices function in the same way in typical and clinical populations? Insights from the intellectual disability field. Intelligence, 2011, 39, 281-291.	1.6	25
57	On the Relation Between the Linear Factor Model and the Latent Profile Model. Psychometrika, 2011, 76, 564-583.	1.2	10
58	Identification of Differential Item Functioning in Multiple-Group Settings: A Multivariate Outlier Detection Approach. Multivariate Behavioral Research, 2011, 46, 733-755.	1.8	19
59	Explanatory Secondary Dimension Modeling of Latent Differential Item Functioning. Applied Psychological Measurement, 2011, 35, 583-603.	0.6	30
60	The Estimation of Item Response Models with the <tt>lmer</tt> Function from the lme4 Package in <i>R</i> . Journal of Statistical Software, 2011, 39, .	1.8	190
61	A general framework and an R package for the detection of dichotomous differential item functioning. Behavior Research Methods, 2010, 42, 847-862.	2.3	181
62	RIM: A Random Item Mixture Model to Detect Differential Item Functioning. Journal of Educational Measurement, 2010, 47, 432-457.	0.7	35
63	Person Fit for Test Speededness. Methodology, 2010, 6, 3-16.	0.5	14
64	Locally Dependent Linear Logistic Test Model With Person Covariates. Applied Psychological Measurement, 2009, 33, 555-569.	0.6	8
65	Latent Class Models for Diary Method Data: Parameter Estimation by Local Computations. Psychometrika, 2008, 73, 167-182.	1.2	45
66	On the Relationships between Sum Score Based Estimation and Joint Maximum Likelihood Estimation. Psychometrika, 2008, 73, 145-151.	1.2	6
67	A Speeded Item Response Model with Gradual Process Change. Psychometrika, 2008, 73, 65-87.	1.2	44
68	Random Item IRT Models. Psychometrika, 2008, 73, 533-559.	1.2	186
69	A double-structure structural equation model for three-mode data Psychological Methods, 2008, 13, 337-353.	2.7	32
70	Between-Group Differences and Taxometrics. Psychological Reports, 2007, 100, 211-230.	0.9	0
71	Individual differences in patterns of appraisal and anger experience. Cognition and Emotion, 2007, 21, 689-713.	1.2	172
72	From anger to verbal aggression: Inhibition at different levels. Personality and Individual Differences, 2007, 43, 47-57.	1.6	17

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73	Conditional mixed models with crossed random effects. British Journal of Mathematical and Statistical Psychology, 2007, 60, 351-365.	1.0	30
74	Copula Functions for Residual Dependency. Psychometrika, 2007, 72, 393-411.	1.2	44
75	A local-influence-based diagnostic approach to a speeded item response theory model. Journal of the Royal Statistical Society Series C: Applied Statistics, 2006, 55, 647-676.	0.5	4
76	Numerical integration in logistic-normal models. Computational Statistics and Data Analysis, 2006, 51, 1535-1548.	0.7	24
77	Statistical inference in generalized linear mixed models: A review. British Journal of Mathematical and Statistical Psychology, 2006, 59, 225-255.	1.0	105
78	Detecting Heterogeneity in Logistic Regression Models. Applied Psychological Measurement, 2006, 30, 322-344.	0.6	6
79	Untying the Gordian Knot of Guilt and Shame. Journal of Cross-Cultural Psychology, 2006, 37, 273-292.	1.0	59
80	IRT Models for Ability-Based Guessing. Applied Psychological Measurement, 2006, 30, 183-203.	0.6	75
81	A Conceptual and Psychometric Framework for Distinguishing Categories and Dimensions Psychological Review, 2005, 112, 129-158.	2.7	104
82	Latent variable models for partially ordered responses and trajectory analysis of anger-related feelings. British Journal of Mathematical and Statistical Psychology, 2005, 58, 117-143.	1.0	5
83	Probabilistic feature analysis of facial perception of emotions. Journal of the Royal Statistical Society Series C: Applied Statistics, 2005, 54, 781-793.	0.5	17
84	Two interpretations of the discrimination parameter. Psychometrika, 2005, 70, 629-650.	1.2	73
85	A relation between a between-item multidimensional IRT model and the mixture rasch model. Psychometrika, 2005, 70, 481-496.	1.2	15
86	An IRT Model with a Parameter-Driven Process for Change. Psychometrika, 2005, 70, 651-669.	1.2	15
87	Assessing and Explaining Differential Item Functioning Using Logistic Mixed Models. Journal of Educational and Behavioral Statistics, 2005, 30, 443-464.	1.0	56
88	Two-mode clustering methods: astructuredoverview. Statistical Methods in Medical Research, 2004, 13, 363-394.	0.7	178
89	Locally dependent latent trait model for polytomous responses with application to inventory of hostility. Psychometrika, 2004, 69, 191-216.	1.2	17
90	Associations between emotions: correspondence across different types of data and componential basis. European Journal of Personality, 2004, 18, 159-176.	1.9	10

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91	The inhibition of verbally aggressive behaviour. European Journal of Personality, 2004, 18, 537-555.	1.9	21
92	Estimation of the MIRID: A program and a SAS-based approach. Behavior Research Methods, 2003, 35, 537-549.	1.3	14
93	A taxonomy of latent structure assumptions for probability matrix decomposition models. Psychometrika, 2003, 68, 61-77.	1.2	9
94	A latent class model for individual differences in the interpretation of conditionals. Psychological Research, 2003, 67, 219-231.	1.0	11
95	Career indecision: Three factors from decision theory. Journal of Vocational Behavior, 2003, 62, 11-25.	1.9	84
96	Cross-Classification Multilevel Logistic Models in Psychometrics. Journal of Educational and Behavioral Statistics, 2003, 28, 369-386.	1.0	106
97	A Componential IRT Model for Guilt. Multivariate Behavioral Research, 2003, 38, 161-188.	1.8	27
98	The instantiation principle re-evaluated. Memory, 2003, 11, 533-548.	0.9	14
99	The appraisal basis of anger: Specificity, necessity and sufficiency of components Emotion, 2003, 3, 254-269.	1.5	268
100	A nonlinear mixed model framework for item response theory Psychological Methods, 2003, 8, 185-205.	2.7	183
101	The induction of solution rules in Raven's Progressive Matrices Test. European Journal of Cognitive Psychology, 2002, 14, 521-547.	1.3	43
102	A Measurement Scale for Indecisiveness and its Relationship to Career Indecision and Other Types of Indecision. European Journal of Psychological Assessment, 2002, 18, 113-122.	1.7	134
103	On the correlation between working memory capacity and performance on intelligence tests. Learning and Individual Differences, 2002, 13, 37-55.	1.5	33
104	The Random Weights Linear Logistic Test Model. Applied Psychological Measurement, 2002, 26, 271-285.	0.6	59
105	A Dynamic Model for Rule Induction Tasks. Journal of Mathematical Psychology, 2002, 46, 455-485.	1.0	12
106	Constrained Latent Class Analysis of Three-Way Three-Mode Data. Journal of Classification, 2002, 19, 277-302.	1.2	15
107	The structure of negative emotion scales: generalization over contexts and comprehensiveness. European Journal of Personality, 2002, 16, 127-141.	1.9	57
108	Fruits and vegetables categorized: An application of the generalized context model. Psychonomic Bulletin and Review, 2002, 9, 836-844.	1.4	30

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109	The effect of ignoring item interactions on the estimated discrimination parameters in item response theory Psychological Methods, 2001, 6, 181-195.	2.7	53
110	Models for ordinal hierarchical classes analysis. Psychometrika, 2001, 66, 389-403.	1.2	9
111	Probability matrix decomposition models and main-effects generalized linear models for the analysis of replicated binary associations. Computational Statistics and Data Analysis, 2001, 38, 217-233.	0.7	7
112	The test of selfâ€conscious affect: internal structure, differential scales and relationships with longâ€term affects. European Journal of Personality, 2001, 15, 449-463.	1.9	59
113	A comparison of four methods for simulating the diffusion process. Behavior Research Methods, 2001, 33, 443-456.	1.3	63
114	Propositional reasoning: The differential contribution of "rules―to the difficulty of complex reasoning problems. Memory and Cognition, 2001, 29, 165-175.	0.9	9
115	Categorization of novel stimuli in well-known natural concepts: A case study. Psychonomic Bulletin and Review, 2001, 8, 377-384.	1.4	17
116	Some Mantel-Haenszel tests of Rasch model assumptions. British Journal of Mathematical and Statistical Psychology, 2001, 54, 21-37.	1.0	8
117	Multidimensional Componential Item Response Theory Models for Polytomous Items. Applied Psychological Measurement, 2001, 25, 19-37.	0.6	23
118	Bayesian Inference with Probability Matrix Decomposition Models. Journal of Educational and Behavioral Statistics, 2001, 26, 153-179.	1.0	10
119	Prototype and Exemplar-Based Information in Natural Language Categories. Journal of Memory and Language, 2000, 42, 51-73.	1.1	103
120	Exploring the posterior of a hierarchical IRT model for item effects. Computational Statistics, 2000, 15, 421-442.	0.8	1
121	A Hierarchical IRT Model for Criterion-Referenced Measurement. Journal of Educational and Behavioral Statistics, 2000, 25, 285-306.	1.0	116
122	A Rasch Model for Detecting Learning While Solving an Intelligence Test. Applied Psychological Measurement, 2000, 24, 151-162.	0.6	38
123	Distinguishing Constant and Dimension-Dependent Interaction: A Simulation Study. Applied Psychological Measurement, 1999, 23, 299-307.	0.6	7
124	Predicting conjunction typicalities by component typicalities. Psychonomic Bulletin and Review, 1999, 6, 677-684.	1.4	18
125	Indclas: A three-way hierarchical classes model. Psychometrika, 1999, 64, 9-24.	1.2	63
126	A Generic Disjunctive/Conjunctive Decomposition Model forn-ary Relations. Journal of Mathematical Psychology, 1999, 43, 102-122.	1.0	9

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127	A two-process theory of facial perception of emotions. Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie, 1999, 322, 669-675.	0.8	14
128	Generation speed in Raven's progressive matrices test. Intelligence, 1999, 27, 329-345.	1.6	22
129	Simple Mental Addition in Children with and without Mild Mental Retardation. Journal of Experimental Child Psychology, 1999, 74, 261-281.	0.7	9
130	Confirmatory Analyses of Componential Test Structure Using Multidimensional Item Response Theory. Multivariate Behavioral Research, 1999, 34, 245-268.	1.8	24
131	Analyzing experimental data using the Rasch model. Behavior Research Methods, 1998, 30, 501-505.	1.3	1
132	Not guppies, nor goldfish, but tumble dryers, Noriega, Jesse Jackson, panties, car crashes, bird books, and Stevie Wonder. Memory and Cognition, 1998, 26, 143-145.	0.9	18
133	An item response model with internal restrictions on item difficulty. Psychometrika, 1998, 63, 47-63.	1.2	26
134	Psychometric Modeling of Componentially Designed Synonym Tasks. Applied Psychological Measurement, 1997, 21, 37-50.	0.6	32
135	A parametric model for local dependence among test items Psychological Methods, 1997, 2, 261-277.	2.7	56
136	Verbal fluency and verbal comprehension abilities in synonym tasks. Intelligence, 1996, 22, 291-310.	1.6	21
137	The dominance effect in concept conjunctions: Generality and interaction aspects Journal of Experimental Psychology: Learning Memory and Cognition, 1996, 22, 1266-1280.	0.7	22
138	Probability matrix decomposition models. Psychometrika, 1996, 61, 7-29.	1.2	22
139	The Contribution of a Response-Production Component to a Free-Response Synonym Task. Journal of Educational Measurement, 1996, 33, 417-432.	0.7	4
140	The conjunctive model of hierarchical classes. Psychometrika, 1995, 60, 505-521.	1.2	54
141	Componential IRT Models for Polytomous Items. Journal of Educational Measurement, 1995, 32, 364-384.	0.7	21
142	Identity disturbances and self-other differentiation in schizophrenics, borderlines, and normal controls. Comprehensive Psychiatry, 1995, 36, 362-366.	1.5	31
143	Person Identification and Self-Concept in the Delusional Misidentification Syndrome. Psychopathology, 1994, 27, 48-57.	1.1	6
144	Structural analysis of the intension and extension of semantic concepts. European Journal of Cognitive Psychology, 1994, 6, 43-75.	1.3	17

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145	Dominance and noncommutativity effects in concept conjunctions: Extensional or intensional basis?. Memory and Cognition, 1993, 21, 752-762.	0.9	18
146	Part-instance association in the categorization of acts. Memory and Cognition, 1993, 21, 41-47.	0.9	4
147	An Implicit Theory of Intelligenceâ€Related Mental Activities. Journal of Personality, 1991, 59, 793-814.	1.8	6
148	Projection of a binary criterion into a model of hierarchical classes. Psychometrika, 1990, 55, 677-694.	1.2	20
149	Traits and taxonomies: A hierarchical classes approach. European Journal of Personality, 1990, 4, 147-156.	1.9	16
150	Implicit Taxonomy in Psychiatric Diagnosis: A Case Study. Journal of Social and Clinical Psychology, 1989, 8, 276-287.	0.2	20
151	Hierarchical classes: Model and data analysis. Psychometrika, 1988, 53, 361-381.	1.2	231
152	The immediacy hypothesis of schizophrenia tested in the Grid Test. British Journal of Clinical Psychology, 1981, 20, 131-132.	1.7	0
153	Research findings on the nature of constructs in schizophrenics. British Journal of Clinical Psychology, 1981, 20, 123-130.	1.7	3
154	Individual Differences in the Validity of a Cognitive Processing Model for Responses to Personality Inventories. Applied Psychological Measurement, 1981, 5, 481-492.	0.6	10
155	Field Independence and Recognition of Trait Names in an Incidental Learning Paradigm. Perceptual and Motor Skills, 1978, 47, 307-311.	0.6	2
156	Validity of a Cognitive Processing Model for Responses to Adjective and Sentence Type Inventories. Applied Psychological Measurement, 1978, 2, 371-378.	0.6	7
157	On the evaluative factor in the trait scales of Peabody's study of trait inferences Journal of Personality and Social Psychology, 1978, 36, 619-621.	2.6	7
158	An Alternative Factor Solution to the Mother's form of the Parental Attitude Research Instrument and the Relationships of Pari Factors with Social Class. Journal of Psychology: Interdisciplinary and Applied, 1976, 94, 79-86.	0.9	0