

Bernard P Veldkamp

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,909
citations

304743

22
h-index

302126

39
g-index

99
all docs

99
docs citations

99
times ranked

1388
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of feedback in a computer-based assessment for learning. <i>Computers and Education</i> , 2012, 58, 263-272.	8.3	153
2	A systematic review of prerequisites for implementing assessment for learning in classroom practice. <i>Educational Research Review</i> , 2016, 17, 50-62.	7.8	142
3	Exploring differential effects of supervisor support on transfer of training. <i>Journal of European Industrial Training</i> , 2006, 30, 529-549.	0.9	130
4	Multidimensional adaptive testing with constraints on test content. <i>Psychometrika</i> , 2002, 67, 575-588.	2.1	93
5	Prerequisites for data-based decision making in the classroom: Research evidence and practical illustrations. <i>Teaching and Teacher Education</i> , 2016, 60, 377-386.	3.2	87
6	Formative assessment: A systematic review of critical teacher prerequisites for classroom practice. <i>International Journal of Educational Research</i> , 2020, 103, 101602.	2.2	75
7	A Model for the Construction of Country-Specific Yet Internationally Comparable Short-Form Marketing Scales. <i>Marketing Science</i> , 2009, 28, 674-689.	4.1	72
8	Constraining Item Exposure in Computerized Adaptive Testing With Shadow Tests. <i>Journal of Educational and Behavioral Statistics</i> , 2004, 29, 273-291.	1.7	71
9	Attention paid to feedback provided by a computer-based assessment for learning on information literacy. <i>Computers and Education</i> , 2011, 56, 923-930.	8.3	69
10	Testing for Aberrant Behavior in Response Time Modeling. <i>Journal of Educational and Behavioral Statistics</i> , 2014, 39, 426-451.	1.7	67
11	Screening for posttraumatic stress disorder using verbal features in self narratives: A text mining approach. <i>Psychiatry Research</i> , 2012, 198, 441-447.	3.3	49
12	Automated Assessment of Patients'™ Self-Narratives for Posttraumatic Stress Disorder Screening Using Natural Language Processing and Text Mining. <i>Assessment</i> , 2017, 24, 157-172.	3.1	48
13	The effect of regulation feedback in a computer-based formative assessment on information problem solving. <i>Computers and Education</i> , 2015, 87, 1-9.	8.3	43
14	Psychometric analysis of the performance data of simulation-based assessment: A systematic review and a Bayesian network example. <i>Computers and Education</i> , 2015, 85, 23-34.	8.3	43
15	Conditional Item-Exposure Control in Adaptive Testing Using Item-Ineligibility Probabilities. <i>Journal of Educational and Behavioral Statistics</i> , 2007, 32, 398-418.	1.7	38
16	Predicting self-monitoring skills using textual posts on Facebook. <i>Computers in Human Behavior</i> , 2014, 33, 69-78.	8.5	36
17	Multiple Objective Test Assembly Problems. <i>Journal of Educational Measurement</i> , 1999, 36, 253-266.	1.2	34
18	The congruence of actual and perceived person-organization fit. <i>International Journal of Human Resource Management</i> , 2007, 18, 1736-1747.	5.3	32

#	ARTICLE	IF	CITATIONS
19	Optimizing Balanced Incomplete Block Designs for Educational Assessments. <i>Applied Psychological Measurement</i> , 2004, 28, 317-331.	1.0	26
20	Why work?. <i>Personnel Review</i> , 2007, 37, 47-65.	2.7	26
21	Assembling a Computerized Adaptive Testing Item Pool as a Set of Linear Tests. <i>Journal of Educational and Behavioral Statistics</i> , 2006, 31, 81-99.	1.7	25
22	An Integer Programming Approach to Item Bank Design. <i>Applied Psychological Measurement</i> , 2000, 24, 139-150.	1.0	23
23	Infeasibility in Automated Test Assembly Models: A Comparison Study of Different Methods. <i>Journal of Educational Measurement</i> , 2005, 42, 223-243.	1.2	22
24	Constructing Rotating Item Pools for Constrained Adaptive Testing. <i>Journal of Educational Measurement</i> , 2004, 41, 345-359.	1.2	21
25	Conscientiousness in the workplace: Applying mixture IRT to investigate scalability and predictive validity. <i>Journal of Research in Personality</i> , 2010, 44, 232-244.	1.7	20
26	Does smartphone-assisted student feedback affect teachers' teaching quality?. <i>Technology, Pedagogy and Education</i> , 2019, 28, 217-236.	5.4	20
27	Multidimensional Constrained Test Assembly. <i>Applied Psychological Measurement</i> , 2002, 26, 133-146.	1.0	17
28	Uncertainties in the Item Parameter Estimates and Robust Automated Test Assembly. <i>Applied Psychological Measurement</i> , 2013, 37, 123-139.	1.0	17
29	Understanding Therapeutic Change Process Research Through Multilevel Modeling and Text Mining. <i>Frontiers in Psychology</i> , 2019, 10, 1186.	2.1	16
30	A General Framework for the Validation of Embedded Formative Assessment. <i>Journal of Educational Measurement</i> , 2019, 56, 715-732.	1.2	15
31	Assessing impact of differential symptom functioning on post-traumatic stress disorder (PTSD) diagnosis. <i>International Journal of Methods in Psychiatric Research</i> , 2014, 23, 131-141.	2.1	14
32	Comparison of methods for controlling maximum exposure rates in computerized adaptive testing. <i>Psicothema</i> , 2009, 21, 313-20.	0.9	14
33	Assessing Effects of Schooling With Cross-Sectional Data: Between-Grades Differences Addressed as a Selection-Bias Problem. <i>Journal of Research on Educational Effectiveness</i> , 2011, 4, 264-288.	1.6	13
34	Determining the effect of stress on analytical skills performance in digital decision games towards an unobtrusive measure of experienced stress in gameplay scenarios. <i>Computers in Human Behavior</i> , 2019, 99, 144-155.	8.5	13
35	Automated Simultaneous Assembly for Multistage Testing. <i>International Journal of Testing</i> , 2005, 5, 319-330.	0.3	12
36	Multiple Maximum Exposure Rates in Computerized Adaptive Testing. <i>Applied Psychological Measurement</i> , 2009, 33, 58-73.	1.0	12

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37	Exploring latent states of problem-solving competence using hidden Markov model on process data. <i>Journal of Computer Assisted Learning</i> , 2021, 37, 1232-1247.	5.1	12
38	Detection of aberrant item score patterns in computerized adaptive testing: An empirical example using the CUSUM. <i>Personality and Individual Differences</i> , 2010, 48, 921-925.	2.9	11
39	A Strategy for Optimizing Item-Pool Management. <i>Journal of Educational Measurement</i> , 2006, 43, 85-96.	1.2	10
40	Prior Distributions for Item Parameters in IRT Models. <i>Communications in Statistics - Theory and Methods</i> , 2012, 41, 2944-2958.	1.0	10
41	Application of robust optimization to automated test assembly. <i>Annals of Operations Research</i> , 2013, 206, 595-610.	4.1	10
42	Multidimensional Computerized Adaptive Testing for Classifying Examinees With Within-Dimensionality. <i>Applied Psychological Measurement</i> , 2016, 40, 387-404.	1.0	10
43	Item usage in a multidimensional computerized adaptive test (MCAT) measuring health-related quality of life. <i>Quality of Life Research</i> , 2017, 26, 2909-2918.	3.1	10
44	Measuring Patient-Reported Outcomes Adaptively: Multidimensionality Matters!. <i>Applied Psychological Measurement</i> , 2018, 42, 327-342.	1.0	10
45	Implementing Simpson-Hetter Item-Exposure Control in a Shadow-Test Approach to Constrained Adaptive Testing. <i>International Journal of Testing</i> , 2008, 8, 272-289.	0.3	9
46	Stochastic programming for individualized test assembly with mixture response time models. <i>Computers in Human Behavior</i> , 2017, 76, 693-702.	8.5	9
47	Formative use of test results: A user's perspective. <i>Studies in Educational Evaluation</i> , 2017, 52, 12-23.	2.3	9
48	Perceived Mental Workload Classification Using Intermediate Fusion Multimodal Deep Learning. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 609096.	2.0	9
49	On the use of MCMC computerized adaptive testing with empirical prior information to improve efficiency. <i>Statistical Methods and Applications</i> , 2013, 22, 243-267.	1.2	8
50	Bayesian computerized adaptive testing. <i>Ensaio</i> , 2013, 21, 57-82.	0.4	8
51	Item Selection Methods Based on Multiple Objective Approaches for Classifying Respondents Into Multiple Levels. <i>Applied Psychological Measurement</i> , 2014, 38, 187-200.	1.0	8
52	On the Issue of Item Selection in Computerized Adaptive Testing With Response Times. <i>Journal of Educational Measurement</i> , 2016, 53, 212-228.	1.2	8
53	Combining Text Mining of Long Constructed Responses and Item-Based Measures: A Hybrid Test Design to Screen for Posttraumatic Stress Disorder (PTSD). <i>Frontiers in Psychology</i> , 2019, 10, 2358.	2.1	8
54	Automated Assessment of and Feedback on Concept Maps during Inquiry Learning. <i>IEEE Transactions on Learning Technologies</i> , 2021, , 1-1.	3.2	8

#	ARTICLE	IF	CITATIONS
55	Computerized Adaptive Testing in Computer Assisted Learning?. <i>Communications in Computer and Information Science</i> , 2011, , 28-39.	0.5	7
56	Optimal Testlet Pool Assembly for Multistage Testing Designs. <i>Applied Psychological Measurement</i> , 2006, 30, 204-215.	1.0	6
57	The Joint Influence of Intra- and Inter-Team Learning Processes on Team Performance: A Constructive or Destructive Combination?. <i>Vocations and Learning</i> , 2018, 11, 449-474.	1.9	6
58	A framework for designing and developing multimedia-based performance assessment in vocational education. <i>Educational Technology Research and Development</i> , 2018, 66, 147-171.	2.8	6
59	Towards text mining therapeutic change: A systematic review of text-based methods for Therapeutic Change Process Research. <i>PLoS ONE</i> , 2019, 14, e0225703.	2.5	6
60	Information Literacy Skills Assessment in Digital Crisis Management Training for the Safety Domain: Developing an Unobtrusive Method. <i>Frontiers in Education</i> , 2020, 5, .	2.1	6
61	A blending of computer-based assessment and performance-based assessment: Multimedia-Based Performance Assessment (MBPA). The introduction of a new method of assessment in Dutch Vocational Education and Training (VET). <i>Cadmo</i> , 2014, , 39-56.	0.1	6
62	Selecting Testlet Features With Predictive Value for the Testlet Effect. <i>SAGE Open</i> , 2015, 5, 215824401558186.	1.7	5
63	Automated Feedback Can Improve Hypothesis Quality. <i>Frontiers in Education</i> , 2019, 3, .	2.1	5
64	Using VR-based interventions, wearable technology, and text mining to improve military and Veteran mental health. <i>Journal of Military, Veteran and Family Health</i> , 2020, 6, 26-35.	0.6	5
65	Embedding artificial intelligence in society: looking beyond the EU AI master plan using the culture cycle. <i>AI and Society</i> , 2023, 38, 1465-1484.	4.6	5
66	The use of predicted values for item parameters in item response theory models: an application in intelligence tests. <i>Journal of Applied Statistics</i> , 2012, 39, 2665-2683.	1.3	4
67	The design, development, and validation of a multimedia-based performance assessment for credentialing confined space guards. <i>Behaviormetrika</i> , 2018, 45, 565-596.	1.3	4
68	Comparing the influence of various measurement error presentations in test score reports on educational decision-making. <i>Assessment in Education</i> , 2019, 26, 123-142.	1.2	4
69	Recognizing hotspots in Brief Eclectic Psychotherapy for PTSD by text and audio mining. <i>HÅŕgre Utbildning</i> , 2020, 11, 1726672.	3.0	4
70	Classifying Unstructured Textual Data Using the Product Score Model: An Alternative Text Mining Algorithm. , 0, , .		4
71	Editorial: Process Data in Educational and Psychological Measurement. <i>Frontiers in Psychology</i> , 2021, 12, 793399.	2.1	4
72	Computerized Test Construction. , 2015, , 510-514.		3

#	ARTICLE	IF	CITATIONS
73	A methodology for applying students' interactive task performance scores from a multimedia-based performance assessment in a Bayesian Network. <i>Computers in Human Behavior</i> , 2016, 60, 264-279.	8.5	3
74	Designing Item Pools for Adaptive Testing. , 2009, , 231-245.		3
75	Robust Computerized Adaptive Testing. <i>Methodology of Educational Measurement and Assessment</i> , 2019, , 291-305.	0.4	3
76	The approach of power priors for ability estimation in IRT models. <i>Quality and Quantity</i> , 2015, 49, 917-926.	3.7	2
77	Robust Automated Test Assembly for Testlet-Based Tests: An Illustration with Analytical Reasoning Items. <i>Frontiers in Education</i> , 2017, 2, .	2.1	2
78	Issues on item response theory modelling. <i>Contributions To Statistics</i> , 2009, , 29-45.	0.2	2
79	Optimal Test Construction. , 2005, , 933-941.		2
80	How Age Affects the Relation between Personality Facets and Work Values of Business and Private Bankers. <i>Revista De Psicologia Del Trabajo Y De Las Organizaciones</i> , 2018, 34, 181-193.	1.6	2
81	Multidimensional Computerized Adaptive Testing for Classifying Examinees. <i>Methodology of Educational Measurement and Assessment</i> , 2019, , 271-289.	0.4	2
82	Analysis of the Emails From the Dutch Web-Based Intervention "Alcohol de Baas" Assessment of Early Indications of Drop-Out in an Online Alcohol Abuse Intervention. <i>Frontiers in Psychiatry</i> , 2021, 12, 575931.	2.6	2
83	Testing Competences Worldwide in Large Numbers. <i>Communications in Computer and Information Science</i> , 2015, , 27-39.	0.5	1
84	The Psychometric Evaluation of a Summative Multimedia-Based Performance Assessment. <i>Communications in Computer and Information Science</i> , 2015, , 1-11.	0.5	1
85	The Design and Validation of the Renewed Systems-Oriented Talent Management Model. <i>Methodology of Educational Measurement and Assessment</i> , 2019, , 47-71.	0.4	0
86	Data2Game: Towards an Integrated Demonstrator. <i>Lecture Notes in Networks and Systems</i> , 2021, , 239-247.	0.7	0
87	Computer Adaptive Assessment for Learning in a Virtual Learning Environment. <i>Communications in Computer and Information Science</i> , 2015, , 22-26.	0.5	0
88	Getting to Grips with Exam Fraud: A Qualitative Study Towards Developing an Evidence Based Educational Data Forensics Protocol. <i>Communications in Computer and Information Science</i> , 2019, , 199-218.	0.5	0
89	Combining Process Information and Item Response Modeling to Estimate Problem-Solving Ability. <i>Educational Measurement: Issues and Practice</i> , 2022, 41, 36-54.	1.4	0
90	Text-To-Model (TeToMo) Transformation Framework to Support Requirements Analysis and Modeling. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
91	Improving Web-Based Treatment Intake for Multiple Mental and Substance Use Disorders by Text Mining and Machine Learning: Algorithm Development and Validation. JMIR Mental Health, 2022, 9, e21111.	3.3	0