

# David Thissen

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

7,684  
citations

109321

35  
h-index

138484

58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

6704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Psychometric Evaluation and Calibration of Health-Related Quality of Life Item Banks. <i>Medical Care</i> , 2007, 45, S22-S31.	2.4	1,242
2	Quick and Easy Implementation of the Benjamini-Hochberg Procedure for Controlling the False Positive Rate in Multiple Comparisons. <i>Journal of Educational and Behavioral Statistics</i> , 2002, 27, 77-83.	1.7	651
3	Local Dependence Indexes for Item Pairs Using Item Response Theory. <i>Journal of Educational and Behavioral Statistics</i> , 1997, 22, 265-289.	1.7	518
4	Likelihood-Based Item-Fit Indices for Dichotomous Item Response Theory Models. <i>Applied Psychological Measurement</i> , 2000, 24, 50-64.	1.0	489
5	An item response analysis of the pediatric PROMIS anxiety and depressive symptoms scales. <i>Quality of Life Research</i> , 2010, 19, 595-607.	3.1	365
6	On the relationship between the higher-order factor model and the hierarchical factor model. <i>Psychometrika</i> , 1999, 64, 113-128.	2.1	335
7	A taxonomy of item response models. <i>Psychometrika</i> , 1986, 51, 567-577.	2.1	315
8	PROMIS Pediatric Pain Interference Scale: An Item Response Theory Analysis of the Pediatric Pain Item Bank. <i>Journal of Pain</i> , 2010, 11, 1109-1119.	1.4	258
9	On the Reliability of Testlet-Based Tests. <i>Journal of Educational Measurement</i> , 1991, 28, 237-247.	1.2	230
10	Developing tailored instruments: item banking and computerized adaptive assessment. <i>Quality of Life Research</i> , 2007, 16, 95-108.	3.1	169
11	A response model for multiple choice items. <i>Psychometrika</i> , 1984, 49, 501-519.	2.1	166
12	Construction of the eight-item patient-reported outcomes measurement information system pediatric physical function scales: built using item response theory. <i>Journal of Clinical Epidemiology</i> , 2011, 64, 794-804.	5.0	164
13	PROMIS Pediatric Peer Relationships Scale: Development of a peer relationships item bank as part of social health measurement.. <i>Health Psychology</i> , 2013, 32, 1093-1103.	1.6	153
14	Estimating minimally important difference (MID) in PROMIS pediatric measures using the scale-judgment method. <i>Quality of Life Research</i> , 2016, 25, 13-23.	3.1	148
15	Item Response Theory for Scores on Tests Including Polytomous Items with Ordered Responses. <i>Applied Psychological Measurement</i> , 1995, 19, 39-49.	1.0	146
16	Trace Lines for Testlets: A Use of Multiple-Categorical-Response Models. <i>Journal of Educational Measurement</i> , 1989, 26, 247-260.	1.2	145
17	Development and psychometric properties of the PROMIS <sup>®</sup> pediatric fatigue item banks. <i>Quality of Life Research</i> , 2013, 22, 2417-2427.	3.1	128
18	Identification of Differential Item Functioning Using Item Response Theory and the Likelihood-Based Model Comparison Approach. <i>Medical Care</i> , 2006, 44, S134-S142.	2.4	122

#	ARTICLE	IF	CITATIONS
19	On the Relative Value of Multiple-Choice, Constructed Response, and Examinee-Selected Items on Two Achievement Tests. <i>Journal of Educational Measurement</i> , 1994, 31, 234-250.	1.2	119
20	How Is Reliability Related to the Quality of Test Scores? What Is the Effect of Local Dependence on Reliability?. <i>Educational Measurement: Issues and Practice</i> , 2005, 15, 22-29.	1.4	114
21	Differential Testlet Functioning: Definitions and Detection. <i>Journal of Educational Measurement</i> , 1991, 28, 197-219.	1.2	110
22	Uses of item response theory and the testlet concept in the measurement of psychopathology.. <i>Psychological Methods</i> , 1996, 1, 81-97.	3.5	107
23	PROMISÂ® Parent Proxy Report Scales: an item response theory analysis of the parent proxy report item banks. <i>Quality of Life Research</i> , 2012, 21, 1223-1240.	3.1	105
24	Using item response theory to enrich and expand the PROMISÂ® pediatric self report banks. <i>Health and Quality of Life Outcomes</i> , 2014, 12, 160.	2.4	92
25	Construction of the Pediatric Asthma Impact Scale (PAIS) for the Patient-Reported Outcomes Measurement Information System (PROMIS). <i>Journal of Asthma</i> , 2010, 47, 295-302.	1.7	88
26	PROMIS Pediatric Anger Scale: an item response theory analysis. <i>Quality of Life Research</i> , 2012, 21, 697-706.	3.1	87
27	Multiple-Choice Models: The Distractors Are Also Part of the Item. <i>Journal of Educational Measurement</i> , 1989, 26, 161-176.	1.2	81
28	Are Tests Comprising Both Multiple-Choice and Free-Response Items Necessarily Less Unidimensional Than Multiple-Choice Tests?An Analysis of Two Tests. <i>Journal of Educational Measurement</i> , 1994, 31, 113-123.	1.2	73
29	Reliability and validity of PROMIS measures administered by telephone interview in a longitudinal localized prostate cancer study. <i>Quality of Life Research</i> , 2016, 25, 2811-2823.	3.1	70
30	Practical Issues in the Application of Item Response Theory. <i>Medical Care</i> , 2007, 45, S39-S47.	2.4	68
31	Estimating Ability With the Wrong Model. <i>Journal of Educational Statistics</i> , 1987, 12, 339-368.	0.9	59
32	A Two-Decision Model for Responses to Likert-Type Items. <i>Journal of Educational and Behavioral Statistics</i> , 2013, 38, 522-547.	1.7	53
33	Using the PedsQLâ„¢ 3.0 asthma module to obtain scores comparable with those of the PROMIS pediatric asthma impact scale (PAIS). <i>Quality of Life Research</i> , 2011, 20, 1497-1505.	3.1	48
34	IRT Estimation of Domain Scores. <i>Journal of Educational Measurement</i> , 1997, 34, 197-211.	1.2	40
35	A Comparison of Developmental Scales Based on Thurstone Methods and Item Response Theory. <i>Journal of Educational Measurement</i> , 1998, 35, 93-107.	1.2	36
36	How Well Can We Compare Scores on Test Forms That Are Constructed by Examinees Choice?. <i>Journal of Educational Measurement</i> , 1994, 31, 183-199.	1.2	31

#	ARTICLE	IF	CITATIONS
37	Numerical Differentiation Methods for Computing Error Covariance Matrices in Item Response Theory Modeling. Educational and Psychological Measurement, 2013, 73, 412-439.	2.4	30
38	Estimating Ability with the Wrong Model. Journal of Educational Statistics, 1987, 12, 339.	0.9	29
39	Identifying Local Dependence With a Score Test Statistic Based on the Bifactor Logistic Model. Applied Psychological Measurement, 2012, 36, 670-688.	1.0	25
40	Mode effects between computer self-administration and telephone interviewer-administration of the PROMISÂ® pediatric measures, self- and proxy report. Quality of Life Research, 2016, 25, 1655-1665.	3.1	22
41	Development and Standardization of the Diagnostic Adaptive Behavior Scale: Application of Item Response Theory to the Assessment of Adaptive Behavior. American Journal on Intellectual and Developmental Disabilities, 2016, 121, 79-94.	1.6	18
42	1 A History and Overview of Psychometrics. Handbook of Statistics, 2006, , 1-27.	0.6	17
43	Comparing score tests and other local dependence diagnostics for the graded response model. British Journal of Mathematical and Statistical Psychology, 2014, 67, 496-513.	1.4	17
44	Psychometric engineering as art. Psychometrika, 2001, 66, 473-485.	2.1	16
45	HOW WELL CAN WE EQUATE TEST FORMS THAT ARE CONSTRUCTED BY EXAMINEES?1. ETS Research Report Series, 1991, 1991, i.	0.8	13
46	Projecting to the NAEP Scale: Results from the North Carolina End-of-Grade Testing Program. Journal of Educational Measurement, 1998, 35, 277-296.	1.2	12
47	Estimation of item parameters for the three-parameter logistic model using the marginal likelihood of summed scores. British Journal of Mathematical and Statistical Psychology, 1999, 52, 19-37.	1.4	12
48	Modeling and Testing Differential Item Functioning in Unidimensional Binary Item Response Models with a Single Continuous Covariate: A Functional Data Analysis Approach. Psychometrika, 2016, 81, 371-398.	2.1	10
49	Using the Testlet Response Model as a Shortcut to Multidimensional Item Response Theory Subscore Computation. Springer Proceedings in Mathematics and Statistics, 2013, , 29-40.	0.2	7
50	GRAPHICAL DATA ANALYSIS. ETS Research Report Series, 1981, 1981, 191-241.	0.8	5
51	HOW IS RELIABILITY RELATED TO THE QUALITY OF TEST SCORES? WHAT IS THE EFFECT OF LOCAL DEPENDENCE ON RELIABILITY?. ETS Research Report Series, 1998, 1998, 22-29.	0.8	5
52	Similar DIFs: Differential Item Functioning and Factorial Invariance for Scales with Seven (â€œPlus or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.52 5		
53	XTREE: A Multivariate Graphical Icon Applicable in the Evaluation of Statistical Estimators. American Statistician, 1986, 40, 149-153.	1.6	4
54	Multistage Computerized Adaptive Testing With Uniform Item Exposure. Applied Measurement in Education, 2012, 25, 118-141.	1.1	4

#	ARTICLE	IF	CITATIONS
55	The Meaning of Goodness-of-Fit Tests: Commentary on "Goodness-of-Fit Assessment of Item Response Theory Models" Measurement, 2013, 11, 123-126.	0.2	4
56	On Interpreting the Parameters for any Item Response Model. Measurement, 2009, 7, 106-110.	0.2	2
57	Growth through Levels. Measurement, 2015, 13, 128-131.	0.2	1
58	Failing Tests: Commentary on "Adapting Educational Measurement to the Demands of Test-Based Accountability" Measurement, 2015, 13, 49-52.	0.2	0
59	Psychometric Engineering as Art: Variations on a Theme. , 2003, , 3-18.		0
60	Reputed Band Attractiveness and Sex Manipulation in Zebra Finches. Science, 1982, 215, 423-423.	12.6	0