David Magis

List of Publications by Year
in descending order

50 papers	923 citations	471509 17 h-index	477307 29 g-index
52 all docs	52 docs citations	52 times ranked	781 citing authors

#	Article	IF	Citations
1	From a Molar to a Molecular Approach to the Developmental Trajectory of Syntax Comprehension of Persons with Intellectual Disability. Language Learning, 2022, 72, 237-268.	2.7	0
2	A note on converting calibrated parameters of item response theory models. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 3065-3079.	1.2	0
3	Efficient Standard Errors in Item Response Theory Models for Short Tests. Educational and Psychological Measurement, 2020, 80, 461-475.	2.4	2
4	Does the Development of Syntax Comprehension Show a Premature Asymptote Among Persons With Down Syndrome?A Cross-Sectional Analysis. American Journal on Intellectual and Developmental Disabilities, 2019, 124, 131-144.	1.6	3
5	On the Finiteness of the Weighted Likelihood Estimator of Ability. Psychometrika, 2017, 82, 637-647.	2.1	2
6	Computerized Adaptive and Multistage Testing with R. Use R!, 2017, , .	0.2	38
7	Simulations of Computerized Adaptive Tests. Use R!, 2017, , 53-85.	0.2	0
8	Rectal cancer treatment in a teaching hospital. Acta Chirurgica Belgica, 2017, 117, 8-14.	0.4	1
9	An Overview of Computerized Adaptive Testing. Use R!, 2017, , 35-51.	0.2	1
10	An Overview of Item Response Theory. Use R!, 2017, , 7-31.	0.2	0
11	Lay Listeners Can Evaluate the Pitch Accuracy of Operatic Voices. Music Perception, 2017, 34, 489-495.	1.1	4
12	A cross-sectional analysis of developmental trajectories of vocabulary comprehension among children and adolescents with Down syndrome or intellectual disability of undifferentiated aetiology. Journal of Intellectual and Developmental Disability, 2016, 41, 140-149.	1.6	8
13	An Item Analysis of the French Version of the Test for Reception of Grammar Among Children and Adolescents With Down Syndrome or Intellectual Disability of Undifferentiated Etiology. Journal of Speech, Language, and Hearing Research, 2016, 59, 1190-1197.	1.6	3
14	Efficient Standard Error Formulas of Ability Estimators with Dichotomous Item Response Models. Psychometrika, 2016, 81, 184-200.	2.1	8
15	A Note on the Equivalence Between Observed and Expected Information Functions With Polytomous IRT Models. Journal of Educational and Behavioral Statistics, 2015, 40, 96-105.	1.7	17
16	Detection of Differential Item Functioning Using the Lasso Approach. Journal of Educational and Behavioral Statistics, 2015, 40, 111-135.	1.7	44
17	A Note on Weighted Likelihood and Jeffreys Modal Estimation of Proficiency Levels in Polytomous Item Response Models. Psychometrika, 2015, 80, 200-204.	2.1	8
18	Layman versus Professional Musician: Who Makes the Better Judge?. PLoS ONE, 2015, 10, e0135394.	2.5	10

#	Article	IF	Citations
19	The sentence repetition task: A powerful diagnostic tool for French children with specific language impairment. Research in Developmental Disabilities, 2014, 35, 3423-3430.	2.2	42
20	Type I Error Inflation in DIF Identification With Mantel–Haenszel. Educational and Psychological Measurement, 2014, 74, 713-728.	2.4	9
21	On the asymptotic standard error of a class of robust estimators of ability in dichotomous item response models. British Journal of Mathematical and Statistical Psychology, 2014, 67, 430-450.	1.4	8
22	Accuracy of Asymptotic Standard Errors of the Maximum and Weighted Likelihood Estimators of Proficiency Levels With Short Tests. Applied Psychological Measurement, 2014, 38, 105-121.	1.0	5
23	Effects of Melody and Technique on Acoustical and Musical Features of Western Operatic Singing Voices. Journal of Voice, 2014, 28, 332-340.	1.5	19
24	deltaPlotR: An <i>R</i> Package for Differential Item Functioning Analysis with Angoff's Delta Plot. Journal of Statistical Software, 2014, 59, .	3.7	9
25	Snijders's correction of Infit and Outfit indexes with estimated ability level: an analysis with the Rasch model. Journal of Applied Measurement, 2014, 15, 82-93.	0.3	7
26	Item Purification Does Not Always Improve DIF Detection. Educational and Psychological Measurement, 2013, 73, 293-311.	2.4	24
27	A Note on the Item Information Function of the Four-Parameter Logistic Model. Applied Psychological Measurement, 2013, 37, 304-315.	1.0	35
28	Un processus itératif pour réduire l'impact de réponses aberrantes sur l'identification de patrons de réponses inappropriés. Mesure Et Evaluation En Education, 2013, 36, 87-110.	0.1	1
29	A Robust Outlier Approach to Prevent Type I Error Inflation in Differential Item Functioning. Educational and Psychological Measurement, 2012, 72, 291-311.	2.4	15
30	On the difficulty of relational concepts among participants with Down syndrome. Research in Developmental Disabilities, 2012, 33, 60-68.	2.2	16
31	Angoff's delta method revisited: Improving DIF detection under small samples. British Journal of Mathematical and Statistical Psychology, 2012, 65, 302-321.	1.4	16
32	On the Relationships Between Jeffreys Modal and Weighted Likelihood Estimation of Ability Under Logistic IRT Models. Psychometrika, 2012, 77, 163-169.	2.1	8
33	Random Generation of Response Patterns under Computerized Adaptive Testing with the <i>R</i> Package catR. Journal of Statistical Software, 2012, 48, .	3.7	76
34	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.	3.0	25
35	Beyond matching on the mean in developmental disabilities research. Research in Developmental Disabilities, 2011, 32, 2134-2147.	2.2	22
36	<i>catR</i>. Applied Psychological Measurement, 2011, 35, 576-577.	1.0	24

#	Article	IF	Citations
37	Identification of Differential Item Functioning in Multiple-Group Settings: A Multivariate Outlier Detection Approach. Multivariate Behavioral Research, 2011, 46, 733-755.	3.1	19
38	A Generalized Logistic Regression Procedure to Detect Differential Item Functioning Among Multiple Groups. International Journal of Testing, 2011, 11, 365-386.	0.3	23
39	A general framework and an R package for the detection of dichotomous differential item functioning. Behavior Research Methods, 2010, 42, 847-862.	4.0	181
40	RIM: A Random Item Mixture Model to Detect Differential Item Functioning. Journal of Educational Measurement, 2010, 47, 432-457.	1.2	35
41	An Iterative Maximum a Posteriori Estimation of Proficiency Level to Detect Multiple Local Likelihood Maxima. Applied Psychological Measurement, 2010, 34, 75-89.	1.0	6
42	An Efficient Method to Generate Data and Compute ExactP-Values in Goodness-of-Fit Testing. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 805-815.	1.2	0
43	ALTERATION OF RIGHT VENTRICULAR-PULMONARY VASCULAR COUPLING IN A PORCINE MODEL OF PROGRESSIVE PRESSURE OVERLOADING. Shock, 2008, 29, 197-204.	2.1	43
44	On the detection of influential subsets of categories in goodness of fit testing. Statistical Methodology, 2007, 4, 132-142.	0.5	1
45	Effects of BM-573, a thromboxane A2 modulator on systemic hemodynamics perturbations induced by U-46619 in the pig. Prostaglandins and Other Lipid Mediators, 2005, 78, 82-95.	1.9	3
46	On the influence of misclassified data on results of goodness of fit testing. Statistical Methodology, 2005, 2, 82-94.	0.5	1
47	Effect of BM-573 [N-Terbutyl-Nâ€²-[2-(4â€²-methylphenylamino)-5-nitro-benzenesulfonyl]urea], a Dual Thromboxane Synthase Inhibitor and Thromboxane Receptor Antagonist, in a Porcine Model of Acute Pulmonary Embolism. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 964-972.	2.5	34
48	Effects of endotoxic shock on right ventricular systolic function and mechanical efficiency. Cardiovascular Research, 2003, 59, 412-418.	3.8	55
49	Estimation des paramÃ¨tres dâ€™item et de sujet Ã partir du modÃ¨le de Rasch. Mesure Et Evaluation En Education, 0, 36, 83-110.	0.1	1
50	Ã‰tude de nouveaux indices de dÃ©tection de la rÃ©ponse au hasard et de lâ€™inattention selon diffÃ©rentes valeurs de lâ€™habiletÃ© dans le contexte de la modÃ©lisation de Rasch. Mesure Et Evaluation En Education, 0, 39, 95-118.	0.1	0