Tao Xin

List of Publications by Year
in descending order

36 papers	**445** citations	933447 **10** h-index	794594 **19** g-index
36 all docs	**36** docs citations	**36** times ranked	**277** citing authors

#	Article	IF	Citations
1	Perceived Social Change and Childrearing Attitudes in China. European Psychologist, 2010, 15, 260-270.	3.1	107
2	The Development and Validation of the Online Shopping Addiction Scale. Frontiers in Psychology, 2017, 8, 735.	2.1	40
3	An Application of M_2 Statistic to Evaluate the Fit of Cognitive Diagnostic Models. Journal of Educational and Behavioral Statistics, 2016, 41, 3-26.	1.7	39
4	Numerical Differentiation Methods for Computing Error Covariance Matrices in Item Response Theory Modeling. Educational and Psychological Measurement, 2013, 73, 412-439.	2.4	30
5	Developing a Learning Progression of Buoyancy to Model Conceptual Change: A Latent Class and Rule Space Model Analysis. Research in Science Education, 2020, 50, 1369-1388.	2.3	26
6	The Effect of Social-Emotional Competency on Child Development in Western China. Frontiers in Psychology, 2019, 10, 1282.	2.1	24
7	The Psychometric Properties of the Chinese Version of the Beck Depression Inventory-II With Middle School Teachers. Frontiers in Psychology, 2020, 11, 548965.	2.1	17
8	A Comparison of Differential Item Functioning Detection Methods in Cognitive Diagnostic Models. Frontiers in Psychology, 2019, 10, 1137.	2.1	14
9	The development and validation of a social media fatigue scale: From a cognitive-behavioral-emotional perspective. PLoS ONE, 2021, 16, e0245464.	2.5	14
10	Large Sample Confidence Intervals for Item Response Theory Reliability Coefficients. Educational and Psychological Measurement, 2018, 78, 32-45.	2.4	13
11	Information matrix estimation procedures for cognitive diagnostic models. British Journal of Mathematical and Statistical Psychology, 2019, 72, 18-37.	1.4	13
12	Examining the relation of personality factors to substance use disorder by explanatory item response modeling of DSM-5 symptoms. PLoS ONE, 2019, 14, e0217630.	2.5	11
13	Extrinsic academic motivation and social media fatigue: Fear of missing out and problematic social media use as mediators. Current Psychology, 2022, 41, 7125-7131.	2.8	11
14	Effect of Growth Mindset on Mental Health Two Years Later: The Role of Smartphone Use. International Journal of Environmental Research and Public Health, 2022, 19, 3355.	2.6	11
15	Profiles of Chinese mathematics teachers' teaching beliefs and their effects on students' achievement. ZDM - International Journal on Mathematics Education, 2022, 54, 709-720.	2.2	9
16	Improved Wald Statistics for Item-Level Model Comparison in Diagnostic Classification Models. Applied Psychological Measurement, 2019, 43, 402-414.	1.0	7
17	The effects of children's self-educational aspiration and self-efficacy on mathematics achievement: A moderated chained mediation model. Anales De Psicologia, 2020, 36, 262-270.	0.7	7
18	Empathy and cyberbystander behavior: The role of moral disengagement. Current Psychology, 2023, 42, 18070-18079.	2.8	6

#	Article	IF	Citations
19	Applying the M2 Statistic to Evaluate the Fit of Diagnostic Classification Models in the Presence of Attribute Hierarchies. Frontiers in Psychology, 2018, 9, 1875.	2.1	5
20	Attribute Discrimination Index-Based Method to Balance Attribute Coverage for Short-Length Cognitive Diagnostic Computerized Adaptive Testing. Frontiers in Psychology, 2020, 11, 224.	2.1	5
21	Differences in School Performance Between Only Children and Non-only Children: Evidence From China. Frontiers in Psychology, 2021, 12, 608704.	2.1	5
22	Item response theory analysis of general self-efficacy scale for senior elementary school students in China. Current Psychology, 2021, 40, 601-610.	2.8	4
23	Using Procedure Based on Item Response Theory to Evaluate Classification Consistency Indices in the Practice of Large-Scale Assessment. Frontiers in Psychology, 2017, 8, 1676.	2.1	3
24	An Item Response Theory Analysis of DSM-5 Heroin Use Disorder in a Clinical Sample of Chinese Adolescents. Frontiers in Psychology, 2019, 10, 2209.	2.1	3
25	The Impact of Item Calibration Error on Variable-Length Cognitive Diagnostic Computerized Adaptive Testing. Frontiers in Psychology, 2020, 11, 575141.	2.1	3
26	Editorial: Cognitive Diagnostic Models: Methods for Practical Applications. Frontiers in Psychology, 2022, 13, 895399.	2.1	3
27	Predicting Evaluations of Essay by Computational Graph-Based Features. Frontiers in Psychology, 2020, 11, 531262.	2.1	2
28	Automated evaluation of the quality of ideas in compositions based on concept maps. Natural Language Engineering, 2022, 28, 449-486.	2.5	2
29	An Improved Parameter-Estimating Method in Bayesian Networks Applied for Cognitive Diagnosis Assessment. Frontiers in Psychology, 2021, 12, 665441.	2.1	2
30	Detecting Random Responses in a Personality Scale Using IRT-Based Person-Fit Indices. European Journal of Psychological Assessment, 2019, 35, 126-136.	3.0	2
31	Re-validating a Learning Progression of Buoyancy for Middle School Students: A Longitudinal Study. Research in Science Education, 2022, 52, 1761-1789.	2.3	2
32	Development of a New Learning Progression Verification Method based on the Hierarchical Diagnostic Classification Model: Taking Grade 5 Students' Fractional Operations as an Example. Educational Measurement: Issues and Practice, 2022, 41, 69-82.	1.4	2
33	Structural Parameter Standard Error Estimation Method in Diagnostic Classification Models: Estimation and Application. Multivariate Behavioral Research, 2022, 57, 784-803.	3.1	1
34	Binary Restrictive Threshold Method for Item Exposure Control in Cognitive Diagnostic Computerized Adaptive Testing. Frontiers in Psychology, 2021, 12, 517155.	2.1	1
35	A New Method to Balance Measurement Accuracy and Attribute Coverage in Cognitive Diagnostic Computerized Adaptive Testing. Applied Psychological Measurement, 2021, 45, 014662162110404.	1.0	1
36	Establishing a Longitudinal Comparable Scale of Chinese Children's Cognitive Development through Calibrated Projection Linking. Frontiers in Psychology, 2018, 9, 97.	2.1	0