

# Tao Xin

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

445  
citations

932766  
10  
h-index

794141  
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. <i>European Psychologist</i> , 2010, 15, 260-270.	1.8	107
2	The Development and Validation of the Online Shopping Addiction Scale. <i>Frontiers in Psychology</i> , 2017, 8, 735.	1.1	40
3	An Application of $M^2$ Statistic to Evaluate the Fit of Cognitive Diagnostic Models. <i>Journal of Educational and Behavioral Statistics</i> , 2016, 41, 3-26.	1.0	39
4	Numerical Differentiation Methods for Computing Error Covariance Matrices in Item Response Theory Modeling. <i>Educational and Psychological Measurement</i> , 2013, 73, 412-439.	1.2	30
5	Developing a Learning Progression of Buoyancy to Model Conceptual Change: A Latent Class and Rule Space Model Analysis. <i>Research in Science Education</i> , 2020, 50, 1369-1388.	1.4	26
6	The Effect of Social-Emotional Competency on Child Development in Western China. <i>Frontiers in Psychology</i> , 2019, 10, 1282.	1.1	24
7	The Psychometric Properties of the Chinese Version of the Beck Depression Inventory-II With Middle School Teachers. <i>Frontiers in Psychology</i> , 2020, 11, 548965.	1.1	17
8	A Comparison of Differential Item Functioning Detection Methods in Cognitive Diagnostic Models. <i>Frontiers in Psychology</i> , 2019, 10, 1137.	1.1	14
9	The development and validation of a social media fatigue scale: From a cognitive-behavioral-emotional perspective. <i>PLoS ONE</i> , 2021, 16, e0245464.	1.1	14
10	Large Sample Confidence Intervals for Item Response Theory Reliability Coefficients. <i>Educational and Psychological Measurement</i> , 2018, 78, 32-45.	1.2	13
11	Information matrix estimation procedures for cognitive diagnostic models. <i>British Journal of Mathematical and Statistical Psychology</i> , 2019, 72, 18-37.	1.0	13
12	Examining the relation of personality factors to substance use disorder by explanatory item response modeling of DSM-5 symptoms. <i>PLoS ONE</i> , 2019, 14, e0217630.	1.1	11
13	Extrinsic academic motivation and social media fatigue: Fear of missing out and problematic social media use as mediators. <i>Current Psychology</i> , 2022, 41, 7125-7131.	1.7	11
14	Effect of Growth Mindset on Mental Health Two Years Later: The Role of Smartphone Use. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3355.	1.2	11
15	Profiles of Chinese mathematics teachers' teaching beliefs and their effects on students' achievement. <i>ZDM - International Journal on Mathematics Education</i> , 2022, 54, 709-720.	1.3	9
16	Improved Wald Statistics for Item-Level Model Comparison in Diagnostic Classification Models. <i>Applied Psychological Measurement</i> , 2019, 43, 402-414.	0.6	7
17	The effects of children's self-educational aspiration and self-efficacy on mathematics achievement: A moderated chained mediation model. <i>Anales De Psicologia</i> , 2020, 36, 262-270.	0.3	7
18	Empathy and cyberbystander behavior: The role of moral disengagement. <i>Current Psychology</i> , 2023, 42, 18070-18079.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Applying the M2 Statistic to Evaluate the Fit of Diagnostic Classification Models in the Presence of Attribute Hierarchies. <i>Frontiers in Psychology</i> , 2018, 9, 1875.	1.1	5
20	Attribute Discrimination Index-Based Method to Balance Attribute Coverage for Short-Length Cognitive Diagnostic Computerized Adaptive Testing. <i>Frontiers in Psychology</i> , 2020, 11, 224.	1.1	5
21	Differences in School Performance Between Only Children and Non-only Children: Evidence From China. <i>Frontiers in Psychology</i> , 2021, 12, 608704.	1.1	5
22	Item response theory analysis of general self-efficacy scale for senior elementary school students in China. <i>Current Psychology</i> , 2021, 40, 601-610.	1.7	4
23	Using Procedure Based on Item Response Theory to Evaluate Classification Consistency Indices in the Practice of Large-Scale Assessment. <i>Frontiers in Psychology</i> , 2017, 8, 1676.	1.1	3
24	An Item Response Theory Analysis of DSM-5 Heroin Use Disorder in a Clinical Sample of Chinese Adolescents. <i>Frontiers in Psychology</i> , 2019, 10, 2209.	1.1	3
25	The Impact of Item Calibration Error on Variable-Length Cognitive Diagnostic Computerized Adaptive Testing. <i>Frontiers in Psychology</i> , 2020, 11, 575141.	1.1	3
26	Editorial: Cognitive Diagnostic Models: Methods for Practical Applications. <i>Frontiers in Psychology</i> , 2022, 13, 895399.	1.1	3
27	Predicting Evaluations of Essay by Computational Graph-Based Features. <i>Frontiers in Psychology</i> , 2020, 11, 531262.	1.1	2
28	Automated evaluation of the quality of ideas in compositions based on concept maps. <i>Natural Language Engineering</i> , 2022, 28, 449-486.	2.1	2
29	An Improved Parameter-Estimating Method in Bayesian Networks Applied for Cognitive Diagnosis Assessment. <i>Frontiers in Psychology</i> , 2021, 12, 665441.	1.1	2
30	Detecting Random Responses in a Personality Scale Using IRT-Based Person-Fit Indices. <i>European Journal of Psychological Assessment</i> , 2019, 35, 126-136.	1.7	2
31	Re-validating a Learning Progression of Buoyancy for Middle School Students: A Longitudinal Study. <i>Research in Science Education</i> , 2022, 52, 1761-1789.	1.4	2
32	Development of a New Learning Progression Verification Method based on the Hierarchical Diagnostic Classification Model: Taking Grade 5 Students's Fractional Operations as an Example. <i>Educational Measurement: Issues and Practice</i> , 2022, 41, 69-82.	0.8	2
33	Structural Parameter Standard Error Estimation Method in Diagnostic Classification Models: Estimation and Application. <i>Multivariate Behavioral Research</i> , 2022, 57, 784-803.	1.8	1
34	Binary Restrictive Threshold Method for Item Exposure Control in Cognitive Diagnostic Computerized Adaptive Testing. <i>Frontiers in Psychology</i> , 2021, 12, 517155.	1.1	1
35	A New Method to Balance Measurement Accuracy and Attribute Coverage in Cognitive Diagnostic Computerized Adaptive Testing. <i>Applied Psychological Measurement</i> , 2021, 45, 014662162110404.	0.6	1
36	Establishing a Longitudinal Comparable Scale of Chinese Children's Cognitive Development through Calibrated Projection Linking. <i>Frontiers in Psychology</i> , 2018, 9, 97.	1.1	0