

Shiyu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

319
citations

1163117

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888059

17
g-index

20
all docs

20
docs citations

20
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	A Joint Maximum Likelihood Estimation Framework for Truth Discovery: A Unified Perspective. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	2
2	Flexible Computerized Adaptive Tests to Detect Misconceptions and Estimate Ability Simultaneously. Applied Psychological Measurement, 2021, 45, 3-21.	1.0	3
3	The Automated Test Assembly and Routing Rule for Multistage Adaptive Testing with Multidimensional Item Response Theory. Journal of Educational Measurement, 2021, 58, 538-563.	1.2	2
4	A joint modeling framework of responses and response times to assess learning outcomes. Multivariate Behavioral Research, 2020, 55, 49-68.	3.1	14
5	Adaptive Weight Estimation of Latent Ability: Application to Computerized Adaptive Testing With Response Revision. Journal of Educational and Behavioral Statistics, 2020, , 107699862097280.	1.7	1
6	Using Response Times and Response Accuracy to Measure Fluency Within Cognitive Diagnosis Models. Psychometrika, 2020, 85, 600-629.	2.1	7
7	The Development of a Multidimensional Diagnostic Assessment With Learning Tools to Improve 3-D Mental Rotation Skills. Frontiers in Psychology, 2020, 11, 305.	2.1	9
8	Statistical Foundations for Computerized Adaptive Testing with Response Revision. Psychometrika, 2019, 84, 375-394.	2.1	4
9	Cognitive Diagnostic Models With Attribute Hierarchies: Model Estimation With a Restricted Q-Matrix Design. Applied Psychological Measurement, 2019, 43, 255-271.	1.0	26
10	Reduced Reparameterized Unified Model Applied to Learning Spatial Rotation Skills. Methodology of Educational Measurement and Assessment, 2019, , 503-524.	0.4	0
11	Using Response Times to Assess Learning Progress: A Joint Model for Responses and Response Times. Measurement, 2018, 16, 45-58.	0.2	30
12	Tracking Skill Acquisition With Cognitive Diagnosis Models: A Higher-Order, Hidden Markov Model With Covariates. Journal of Educational and Behavioral Statistics, 2018, 43, 57-87.	1.7	72
13	A Hidden Markov Model for Learning Trajectories in Cognitive Diagnosis With Application to Spatial Rotation Skills. Applied Psychological Measurement, 2018, 42, 5-23.	1.0	47
14	Two-Stage maximum likelihood estimation in the misspecified restricted latent class model. British Journal of Mathematical and Statistical Psychology, 2018, 71, 300-333.	1.4	4
15	Modeling Learner Heterogeneity: A Mixture Learning Model With Responses and Response Times. Frontiers in Psychology, 2018, 9, 2339.	2.1	10
16	Computerized Adaptive Testing that Allows for Response Revision: Design and Asymptotic Theory. Statistica Sinica, 2017, , .	0.3	1
17	A Truth Discovery Approach with Theoretical Guarantee. , 2016, , .		29
18	An Automated Test Assembly Design for a Large-Scale Chinese Proficiency Test. Applied Psychological Measurement, 2016, 40, 233-237.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Hybrid Computerized Adaptive Testing: From Group Sequential Design to Fully Sequential Design. <i>Journal of Educational Measurement</i> , 2016, 53, 45-62.	1.2	19
20	Consistency of Nonparametric Classification in Cognitive Diagnosis. <i>Psychometrika</i> , 2015, 80, 85-100.	2.1	33