Xiangen Hu

List of Publications by Year
in descending order

51	1,522	331670	330143
papers	citations	21	37
		h-index	g-index

58	58	58	897
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The statistical analysis of general processing tree models with the EM algorithm. Psychometrika, 1994, 59, 21-47.	2.1	260
2	AutoTutor and Family: A Review of 17 Years of Natural Language Tutoring. International Journal of Artificial Intelligence in Education, 2014, 24, 427-469.	5.5	147
3	Recent Advances in Conversational Intelligent Tutoring Systems. AI Magazine, 2013, 34, 42-54.	1.6	104
4	Response strategies in source monitoring.. Journal of Experimental Psychology: Learning Memory and Cognition, 1994, 20, 680-693.	0.9	85
5	What Are the Effects of Self-Regulation Phases and Strategies for Chinese Students? A Meta-Analysis of Two Decades Research of the Association Between Self-Regulation and Academic Performance. Frontiers in Psychology, 2018, 9, 2434.	2.1	59
6	The impact of a technology-based mathematics after-school program using ALEKS on student's knowledge and behaviors. Computers and Education, 2013, 68, 495-504.	8.3	57
7	A measurement-theoretic analysis of the fuzzy logic model of perception.. Psychological Review, 1995, 102, 396-408.	3.8	55
8	Impairment of specific episodic memory processes by sub-psychotic doses of ketamine: the effects of levels of processing at encoding and of the subsequent retrieval task. Psychopharmacology, 2005, 181, 445-457.	3.1	55
9	Vicarious Learning: Effects of Overhearing Dialog and Monologue-like Discourse in a Virtual Tutoring Session. Journal of Educational Computing Research, 2003, 29, 431-450.	5.5	52
10	GPT.EXE: A powerful tool for the visualization and analysis of general processing tree models. Behavior Research Methods, 1999, 31, 220-234.	1.3	50
11	ElectronixTutor: an intelligent tutoring system with multiple learning resources for electronics. International Journal of STEM Education, 2018, 5, 15.	5.0	47
12	SKOPE-IT (Shareable Knowledge Objects as Portable Intelligent Tutors): overlaying natural language tutoring on an adaptive learning system for mathematics. International Journal of STEM Education, 2018, 5, 12.	5.0	36
13	Intelligent tutoring systems work as a math gap reducer in 6th grade after-school program. Learning and Individual Differences, 2016, 47, 258-265.	2.7	34
14	Measuring memory factors in source monitoring: Reply to Kinchla.. Psychological Review, 1994, 101, 172-176.	3.8	30
15	A meta-analysis of the effectiveness of ALEKS on learning. Educational Psychology, 2019, 39, 1278-1292.	2.7	30
16	AutoTutor. , 2012, , 169-187.		29
17	Extending General Processing Tree Models to Analyze Reaction Time Experiments. Journal of Mathematical Psychology, 2001, 45, 603-634.	1.8	26
18	Detecting changes in attitudes toward depression on Chinese social media: A text analysis. Journal of Affective Disorders, 2021, 280, 354-363.	4.1	26

#	Article	IF	Citations
19	Multinomial processing tree models: An implementation. Behavior Research Methods, 1999, 31, 689-695.	1.3	25
20	Optimization of a multinomial model for investigating hallucinations and delusions with source monitoring. Schizophrenia Research, 2006, 85, 106-112.	2.0	23
21	Analysis of a Model for Source Monitoring. Recent Research in Psychology, 1994, , 51-65.	0.5	23
22	A framework of synthesizing tutoring conversation capability with web-based distance education courseware. Computers and Education, 2004, 42, 375-388.	8.3	21
23	Understanding genetic breast cancer risk: Processing loci of the BRCA Gist Intelligent Tutoring System. Learning and Individual Differences, 2016, 49, 178-189.	2.7	21
24	The development and analysis of tutorial dialogues in AutoTutor Lite. Behavior Research Methods, 2013, 45, 623-636.	4.0	20
25	Quantitative discourse psychology. Discourse Processes, 1997, 23, 229-263.	1.8	19
26	Does high teacher autonomy support reduce smartphone use disorder in Chinese adolescents? A moderated mediation model. Addictive Behaviors, 2020, 105, 106319.	3.0	19
27	THE RIGHT THRESHOLD VALUE: WHAT IS THE RIGHT THRESHOLD OF COSINE MEASURE WHEN USING LATENT SEMANTIC ANALYSIS FOR EVALUATING STUDENT ANSWERS?. International Journal on Artificial Intelligence Tools, 2006, 15, 767-777.	1.0	16
28	Live-action mass-casualty training and virtual world training. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 2103-2107.	0.3	15
29	Teaching with the help of talking heads. , 0, , .		14
30	Health-Related Quality of Life and Posttraumatic Growth in Low-Grade Gliomas in China: A Prospective Study. World Neurosurgery, 2018, 111, e24-e31.	1.3	13
31	Intelligent Tutoring System Trends 2006-2018: A Literature Review. , 2019, , .		13
32	The moderating effects of discipline on the relationship between asynchronous discussion and satisfaction with MOOCs. Journal of Computers in Education, 2018, 5, 279-296.	8.3	12
33	Exploring the effectiveness of a novel feedback mechanism within an intelligent tutoring system. International Journal of Learning Technology, 2015, 10, 220.	0.2	11
34	Human use regulatory affairs advisor (HURAA): Learning about research ethics with intelligent learning modules. Behavior Research Methods, 2004, 36, 241-249.	1.3	10
35	Are Posttraumatic Stress Symptoms and Avoidant Coping Inhibitory Factors? The Association Between Posttraumatic Growth and Quality of Life Among Low-Grade Gliomas Patients in China. Frontiers in Psychology, 2019, 10, 330.	2.1	10
36	Modeling learning behaviors and predicting performance in an intelligent tutoring system: a two-layer hidden Markov modeling approach. Interactive Learning Environments, 2023, 31, 5495-5507.	6.4	8

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37	Commentary on Causal Prescriptive Statements. Educational Psychology Review, 2011, 23, 279-285.	8.4	7
38	Relationship Between Item and Source Memory: Explanation of Connection-Strength Model. Frontiers in Psychology, 2021, 12, 691577.	2.1	6
39	Multinomial Processing Tree Models for Discrete Choice. Zeitschrift Fuer Psychologie Mit Zeitschrift Fuer Angewandte Psychologie, 2009, 217, 149-158.	1.0	5
40	Intelligent learning environments. Educational Psychology, 2019, 39, 1195-1198.	2.7	4
41	Making AutoTutor Agents Smarter: AutoTutor Answer Clustering and Iterative Script Authoring. Lecture Notes in Computer Science, 2016, , 438-441.	1.3	4
42	A Conversation-Based Intelligent Tutoring System Benefits Adult Readers with Low Literacy Skills. Lecture Notes in Computer Science, 2019, , 604-614.	1.3	3
43	Enable 3A in AIS. Lecture Notes in Computer Science, 2020, , 507-518.	1.3	2
44	Capturing AIS Behavior Using xAPI-like Statements. Lecture Notes in Computer Science, 2019, , 204-216.	1.3	2
45	Improved EM algorithm for MPT model analysis. Behavior Research Methods, 2011, 43, 1033-1043.	4.0	1
46	A Generic CbITS Authoring Tool Using xAPI. Lecture Notes in Computer Science, 2021, , 243-253.	1.3	1
47	Automatic data mining cross tables with dominate cells using MPT models. , 2010, , .		0
48	Latent topics resonance in scientific literature and commentaries: evidences from natural language processing approach. Heliyon, 2018, 4, e00659.	3.2	0
49	Collecting 3A Data to Enhance HCI in AIS. Lecture Notes in Computer Science, 2021, , 499-508.	1.3	0
50	The Adaptive Features of an Intelligent Tutoring System for Adult Literacy. Lecture Notes in Computer Science, 2021, , 592-603.	1.3	0
51	Math Reading Comprehension: Comparing Effectiveness of Various Conversation Frameworks in an ITS. Lecture Notes in Computer Science, 2017, , 617-620.	1.3	0