Xudong Huang

List of Publications by Year
in descending order

10 papers	**124** citations	1684188 **5** h-index	1588992 **8** g-index
10 all docs	**10** docs citations	**10** times ranked	**95** citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Automatic Assessment of Students' Engineering Design Performance Using a Bayesian Network Model. Journal of Educational Computing Research, 2021, 59, 230-256.	5.5	22
3	How Does Augmented Observation Facilitate Multimodal Representational Thinking? Applying Deep Learning to Decode Complex Student Construct. Journal of Science Education and Technology, 2021, 30, 210-226.	3.9	20
4	Augmented Reality in Science Laboratories: Investigating High School Students' Navigation Patterns and Their Effects on Learning Performance. Journal of Educational Computing Research, 2022, 60, 777-803.	5.5	12
5	Enhancing distance learning of science—Impacts of remote labs 2.0 on students' behavioural and cognitive engagement. Journal of Computer Assisted Learning, 2021, 37, 1606-1621.	5.1	10
6	Self-regulated learning as a complex dynamical system: Examining students' STEM learning in a simulation environment. Learning and Individual Differences, 2022, 95, 102144.	2.7	9
7	The role of self-regulated learning on science and design knowledge gains in engineering projects. Interactive Learning Environments, 2023, 31, 87-99.	6.4	6
8	Augmented scientific investigation. , 2020, , .		5
9	Learning Analytics for Assessing Hands-on Laboratory Skills in Science Classrooms Using Bayesian Network Analysis. Research in Science Education, 2023, 53, 425-444.	2.3	4
10	Developing Instructional Design Agents to Support Novice and K-12 Design Education. , 0, , .		2