

Baichang Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

612
citations

1163117

8
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	An exploration of combining virtual and physical robots in robotics education. <i>Interactive Learning Environments</i> , 2023, 31, 370-382.	6.4	11
2	A literature review on the empirical studies of technology-based embodied learning. <i>Interactive Learning Environments</i> , 2023, 31, 5180-5199.	6.4	6
3	Effects of Pair Learning on Girls's Learning Performance in Robotics Education. <i>Journal of Educational Computing Research</i> , 2023, 61, 151-177.	5.5	2
4	Exploring the Non-significant Difference on Students's Cognitive Load Imposed by Robotics Tasks in Pair Learning. <i>International Journal of Social Robotics</i> , 2022, 14, 3-13.	4.6	4
5	Effects of new coepetition designs on learning performance in robotics education. <i>Journal of Computer Assisted Learning</i> , 2022, 38, 223-236.	5.1	3
6	Effects of programming tools with different degrees of embodiment on learning Boolean operations. <i>Education and Information Technologies</i> , 2022, 27, 6211-6231.	5.7	6
7	China: reform research-evaluation criteria. <i>Nature</i> , 2022, 602, 386-386.	27.8	0
8	A Proposed Taxonomy of Teaching Models in STEM Education: Robotics as an Example. <i>SAGE Open</i> , 2022, 12, 215824402210995.	1.7	6
9	Investigating the effect of reverse engineering pedagogy in K12 robotics education. <i>Computer Applications in Engineering Education</i> , 2021, 29, 1097-1111.	3.4	16
10	Troubleshooting to Learn via Scaffolds: Effect on Students's Ability and Cognitive Load in a Robotics Course. <i>Journal of Educational Computing Research</i> , 2021, 59, 95-118.	5.5	14
11	Effects of roles assignment and learning styles on pair learning in robotics education. <i>International Journal of Technology and Design Education</i> , 2021, 31, 41-59.	2.6	17
12	Is There a Digital Divide Between Urban Students and Migrant Students in China?. <i>SAGE Open</i> , 2021, 11, 215824402110163.	1.7	6
13	A Systematic Review on Exploring the Potential of Educational Robotics in Mathematics Education. <i>International Journal of Science and Mathematics Education</i> , 2020, 18, 79-101.	2.5	86
14	Can Pair Learning Improve Students's Troubleshooting Performance in Robotics Education?. <i>Journal of Educational Computing Research</i> , 2020, 58, 220-248.	5.5	27
15	A research framework of pair learning in robotics education. <i>International Journal of Smart Technology and Learning</i> , 2019, 1, 281.	0.2	0
16	Effects of Troubleshooting Tasks with Prompt Information on Students' Transfer Performance in Robotics Education. , 2019, , .		1
17	The Investigation of Primary School Students' Cooperative and Competitive Personality in Robotics Course. , 2019, , .		1
18	Review on portable EEG technology in educational research. <i>Computers in Human Behavior</i> , 2018, 81, 340-349.	8.5	127

#	ARTICLE	IF	CITATIONS
19	A systematic review on teaching and learning robotics content knowledge in K-12. Computers and Education, 2018, 127, 267-282.	8.3	102
20	Teachers' time investment in online teaching. International Journal of Continuing Engineering Education and Life-Long Learning, 2017, 27, 111.	0.2	3
21	The impact of social factors on pair programming in a primary school. Computers in Human Behavior, 2016, 64, 423-431.	8.5	64
22	An Exploration of Three-Dimensional Integrated Assessment for Computational Thinking. Journal of Educational Computing Research, 2016, 53, 562-590.	5.5	98
23	The design and application of IRobotQ3D for simulating robotics experiments in K education. Computer Applications in Engineering Education, 0, , .	3.4	12