

Thomas K F Chiu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,503
citations

430442

18
h-index

500791

28
g-index

33
all docs

33
docs citations

33
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying the self-determination theory (SDT) to explain student engagement in online learning during the COVID-19 pandemic. <i>Journal of Research on Technology in Education</i> , 2022, 54, S14-S30.	4.0	244
2	Factors influencing peer learning and performance in MOOC asynchronous online discussion forum. <i>Australasian Journal of Educational Technology</i> , 2018, 34, .	2.0	107
3	Sustainable Curriculum Planning for Artificial Intelligence Education: A Self-Determination Theory Perspective. <i>Sustainability</i> , 2020, 12, 5568.	1.6	105
4	Digital support for student engagement in blended learning based on self-determination theory. <i>Computers in Human Behavior</i> , 2021, 124, 106909.	5.1	94
5	Digital Literacy Learning In Higher Education Through Digital Storytelling Approach. <i>Journal of International Education Research</i> , 2017, 13, 1-16.	0.4	85
6	Adoption of mobile devices in teaching: changes in teacher beliefs, attitudes and anxiety. <i>Interactive Learning Environments</i> , 2016, 24, 317-327.	4.4	82
7	Motivating Online Learning: The Challenges of COVID-19 and Beyond. <i>Asia-Pacific Education Researcher</i> , 2021, 30, 187-190.	2.2	76
8	Student engagement in K-12 online learning amid COVID-19: A qualitative approach from a self-determination theory perspective. <i>Interactive Learning Environments</i> , 2023, 31, 3326-3339.	4.4	76
9	A self-determination theory (SDT) design approach for inclusive and diverse artificial intelligence (AI) education. <i>Computers and Education</i> , 2022, 189, 104582.	5.1	75
10	Creation and Evaluation of a Pretertiary Artificial Intelligence (AI) Curriculum. <i>IEEE Transactions on Education</i> , 2022, 65, 30-39.	2.0	72
11	A Holistic Approach to the Design of Artificial Intelligence (AI) Education for K-12 Schools. <i>TechTrends</i> , 2021, 65, 796-807.	1.4	60
12	Introducing electronic textbooks as daily use technology in schools: A top-down adoption process. <i>British Journal of Educational Technology</i> , 2017, 48, 524-537.	3.9	47
13	Does learner expertise matter when designing emotional multimedia for learners of primary school mathematics?. <i>Educational Technology Research and Development</i> , 2020, 68, 2305-2320.	2.0	42
14	Exploring the characteristics of an optimal design of digital materials for concept learning in mathematics: Multimedia learning and variation theory. <i>Computers and Education</i> , 2015, 82, 280-291.	5.1	40
15	Learner expertise and mathematics different order thinking skills in multimedia learning. <i>Computers and Education</i> , 2017, 107, 147-164.	5.1	39
16	Design of learning objects for concept learning: effects of multimedia learning principles and an instructional approach. <i>Interactive Learning Environments</i> , 2016, 24, 1355-1370.	4.4	30
17	A phenomenographic approach on teacher conceptions of teaching Artificial Intelligence (AI) in K-12 schools. <i>Education and Information Technologies</i> , 2023, 28, 1041-1064.	3.5	26
18	Promoting student creativity and entrepreneurship through real-world problem-based maker education. <i>Thinking Skills and Creativity</i> , 2022, 45, 101046.	1.9	24

#	ARTICLE	IF	CITATIONS
19	Investigating the relationship of technology learning support to digital literacy from the perspective of self-determination theory. <i>Educational Psychology</i> , 2022, 42, 1263-1282.	1.2	23
20	Strategic Use of Technology for Inclusive Education in Hong Kong: A Content-Level Perspective. <i>ECNU Review of Education</i> , 2020, 3, 715-734.	1.3	22
21	Factors Influencing Students' Behavioral Intention to Continue Artificial Intelligence Learning. , 2020, , .		20
22	Integrating mobile technologies, social media and learning design. <i>Educational Media International</i> , 2014, 51, 163-165.	0.9	19
23	Secondary school students' intentions to learn AI: testing moderation effects of readiness, social good and optimism. <i>Educational Technology Research and Development</i> , 2022, 70, 765-782.	2.0	17
24	Characterizing Students' 4C Skills Development During Problem-based Digital Making. <i>Journal of Science Education and Technology</i> , 2022, 31, 372-385.	2.4	15
25	Emotional Multimedia Design for Developing Mathematical Problem-Solving Skills. , 2017, , 131-141.		11
26	Applying Relatedness to Explain Learning Outcomes of STEM Maker Activities. <i>Frontiers in Psychology</i> , 2021, 12, 800569.	1.1	10
27	Challenges to Internationalisation of University Programmes: A Systematic Thematic Synthesis of Qualitative Research on Learner-Centred English Medium Instruction (EMI) Pedagogy. <i>Sustainability</i> , 2021, 13, 12642.	1.6	9
28	School learning support for teacher technology integration from a self-determination theory perspective. <i>Educational Technology Research and Development</i> , 2022, 70, 931-949.	2.0	8
29	Catering to Inclusion and Diversity With Universal Design for Learning in Asynchronous Online Education: A Self-Determination Theory Perspective. <i>Frontiers in Psychology</i> , 2022, 13, 819884.	1.1	6
30	Effects of Prior Knowledge on Mathematics Different Order Thinking Skills in Mobile Multimedia Environments. <i>Lecture Notes in Educational Technology</i> , 2016, , 373-386.	0.5	3
31	STEM Making: Fostering Secondary Students' Collaborative Skills with Mentor-scaffolded Authentic Problem Solving. , 2021, , .		0