Thomas K F Chiu

List of Publications by Year
in descending order

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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	Student engagement in K-12 online learning amid COVID-19: A qualitative approach from a self-determination theory perspective. Interactive Learning Environments, 2023, 31, 3326-3339.	4.4	76
2	A phenomenographic approach on teacher conceptions of teaching Artificial Intelligence (AI) in K-12 schools. Education and Information Technologies, 2023, 28, 1041-1064.	3.5	26
3	Applying the self-determination theory (SDT) to explain student engagement in online learning during the COVID-19 pandemic. Journal of Research on Technology in Education, 2022, 54, S14-S30.	4.0	244
4	Creation and Evaluation of a Pretertiary Artificial Intelligence (AI) Curriculum. IEEE Transactions on Education, 2022, 65, 30-39.	2.0	72
5	School learning support for teacher technology integration from a self-determination theory perspective. Educational Technology Research and Development, 2022, 70, 931-949.	2.0	8
6	Catering to Inclusion and Diversity With Universal Design for Learning in Asynchronous Online Education: A Self-Determination Theory Perspective. Frontiers in Psychology, 2022, 13, 819884.	1.1	6
7	Characterizing Studentsâ€™ 4C Skills Development During Problem-based Digital Making. Journal of Science Education and Technology, 2022, 31, 372-385.	2.4	15
8	Promoting student creativity and entrepreneurship through real-world problem-based maker education. Thinking Skills and Creativity, 2022, 45, 101046.	1.9	24
9	Investigating the relationship of technology learning support to digital literacy from the perspective of self-determination theory. Educational Psychology, 2022, 42, 1263-1282.	1.2	23
10	Secondary school studentsâ€™ intentions to learn AI: testing moderation effects of readiness, social good and optimism. Educational Technology Research and Development, 2022, 70, 765-782.	2.0	17
11	A self-determination theory (SDT) design approach for inclusive and diverse artificial intelligence (AI) education. Computers and Education, 2022, 189, 104582.	5.1	75
12	Motivating Online Learning: The Challenges of COVID-19 and Beyond. Asia-Pacific Education Researcher, 2021, 30, 187-190.	2.2	76
13	A Holistic Approach to the Design of Artificial Intelligence (AI) Education for K-12 Schools. TechTrends, 2021, 65, 796-807.	1.4	60
14	STEM Making: Fostering Secondary Studentsâ€™ Collaborative Skills with Mentor-scaffolded Authentic Problem Solving. , 2021, , .		0
15	Digital support for student engagement in blended learning based on self-determination theory. Computers in Human Behavior, 2021, 124, 106909.	5.1	94
16	Challenges to Internationalisation of University Programmes: A Systematic Thematic Synthesis of Qualitative Research on Learner-Centred English Medium Instruction (EMI) Pedagogy. Sustainability, 2021, 13, 12642.	1.6	9
17	Applying Relatedness to Explain Learning Outcomes of STEM Maker Activities. Frontiers in Psychology, 2021, 12, 800569.	1.1	10
18	Strategic Use of Technology for Inclusive Education in Hong Kong: A Content-Level Perspective. ECNU Review of Education, 2020, 3, 715-734.	1.3	22

#	Article	IF	Citations
19	Factors Influencing Students' Behavioral Intention to Continue Artificial Intelligence Learning. , 2020, , .		20
20	Sustainable Curriculum Planning for Artificial Intelligence Education: A Self-Determination Theory Perspective. Sustainability, 2020, 12, 5568.	1.6	105
21	Does learner expertise matter when designing emotional multimedia for learners of primary school mathematics?. Educational Technology Research and Development, 2020, 68, 2305-2320.	2.0	42
22	Factors influencing peer learning and performance in MOOC asynchronous online discussion forum. Australasian Journal of Educational Technology, 2018, 34, .	2.0	107
23	Introducing electronic textbooks as dailyâ€use technology in schools: A topâ€down adoption process. British Journal of Educational Technology, 2017, 48, 524-537.	3.9	47
24	Learner expertise and mathematics different order thinking skills in multimedia learning. Computers and Education, 2017, 107, 147-164.	5.1	39
25	Emotional Multimedia Design for Developing Mathematical Problem-Solving Skills. , 2017, , 131-141.		11
26	Digital Literacy Learning In Higher Education Through Digital Storytelling Approach. Journal of International Education Research, 2017, 13, 1-16.	0.4	85
27	Adoption of mobile devices in teaching: changes in teacher beliefs, attitudes and anxiety. Interactive Learning Environments, 2016, 24, 317-327.	4.4	82
28	Effects of Prior Knowledge on Mathematics Different Order Thinking Skills in Mobile Multimedia Environments. Lecture Notes in Educational Technology, 2016, , 373-386.	0.5	3
29	Design of learning objects for concept learning: effects of multimedia learning principles and an instructional approach. Interactive Learning Environments, 2016, 24, 1355-1370.	4.4	30
30	Exploring the characteristics of an optimal design of digital materials for concept learning in mathematics: Multimedia learning and variation theory. Computers and Education, 2015, 82, 280-291.	5.1	40
31	Integrating mobile technologies, social media and learning design. Educational Media International, 2014, 51, 163-165.	0.9	19