Wing-mui Winnie So

List of Publications by Year
in descending order

46	665	623734	713466
papers	citations	14 h-index	21 g-index

46	46	46	429
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring the problems of learning science in the English medium: a study on high school studentsâ€™ perceptions and attitudes in China. Asia Pacific Journal of Education, 2023, 43, 1224-1239.	2.1	2
2	School-STEM professional collaboration to diversify stereotypes and increase interest in STEM careers among primary school students. Asia Pacific Journal of Education, 2022, 42, 556-573.	2.1	6
3	Developing and Validating a Scale of STEM Project-Based Learning Experience. Research in Science Education, 2022, 52, 599-615.	2.3	11
4	Maintaining secondary school studentsâ€™ STEM career aspirations: the role of perceived parental expectations, self-efficacy, and cultural capital. International Journal of Science Education, 2022, 44, 434-462.	1.9	13
5	School-STEM Professionalsâ€™ Collaboration: a case study on teachersâ€™ conceptions. Asia-Pacific Journal of Teacher Education, 2021, 49, 300-318.	1.9	13
6	The Development and Validation of a Survey for Evaluating Primary Studentsâ€™ Self-efficacy in STEM Activities. Journal of Science Education and Technology, 2021, 30, 408-419.	3.9	9
7	Necessary or sufficient? The impacts of epistemic beliefs on STEM creativity and the mediation of intellectual risk-taking. International Journal of Science Education, 2021, 43, 672-692.	1.9	14
8	STEM stereotypes predict studentsâ€™ STEM career interest via self-efficacy and outcome expectations. International Journal of STEM Education, 2021, 8, .	5.0	45
9	Extending the theory of planned behaviour to explore the plastic waste minimisation intention of Hong Kong citizens. Australian Journal of Environmental Education, 2021, 37, 266-284.	2.2	9
10	Inquiry Science Learning and Teaching: a Comparison Between the Conceptions and Attitudes of Pre-service Elementary Teachers in Hong Kong and the United States. Research in Science Education, 2020, 50, 227-251.	2.3	7
11	Managing STEM learning: a typology and four models of integration. International Journal of Educational Management, 2020, 34, 1063-1078.	1.5	14
12	Primary school students' interests in STEM careers: how conceptions of STEM professionals and gender moderation influence. International Journal of Technology and Design Education, 2020, , 1.	2.6	7
13	The Influence of School Entry Skills in Literacy and Numeracy on the Science Achievement of Fourth Grade Students and Schools in Asian Regions. Eurasia Journal of Mathematics, Science and Technology Education, 2020, 16, em1877.	1.3	1
14	Enhancing Pupilsâ€™ Pro-environmental Knowledge, Attitudes, and Behaviours Toward Plastic Recycling: A Quasi-experimental Study in Primary Schools. Education for Sustainability, 2019, , 159-188.	0.3	3
15	Multimedia e-Learning and Self-Regulated Science Learning: a Study of Primary School Learnersâ€™ Experiences and Perceptions. Journal of Science Education and Technology, 2019, 28, 508-522.	3.9	42
16	Developing elementary school childrenâ€™s water conversation action competence: a case study in China. International Journal of Early Years Education, 2019, 27, 287-305.	0.8	15
17	Environmental education in primary schools: a case study with plastic resources and recycling. Education 3-13, 2019, 47, 652-663.	1.0	8
18	Teacher Professional Development for STEM Education: Adaptations for Students with Intellectual Disabilities. , 2019, , 83-102.		1

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19	A train-the-trainer design for green ambassadors in an environmental education programme on plastic waste recycling. International Research in Geographical and Environmental Education, 2018, 27, 24-42.	1.6	15
20	Analysis of STEM Activities in Primary Studentsâ€™ Science Projects in an Informal Learning Environment. International Journal of Science and Mathematics Education, 2018, 16, 1003-1023.	2.5	30
21	An Analysis of Approaches to Inquiry in a Multimedia Learning Environment of E-Textbooks. Curriculum and Teaching, 2018, 33, 67-89.	0.2	0
22	University halls plastics recycling: a blended intervention study. International Journal of Sustainability in Higher Education, 2018, 19, 1038-1052.	3.1	18
23	Primary Science Education in Hong Kong. Contemporary Trends and Issues in Science Education, 2018, , 19-48.	0.5	1
24	A Systematic Review of Remote Laboratory Work in Science Education with the Support of Visualizing its Structure through the HistCite and CiteSpace Software. International Journal of Science and Mathematics Education, 2017, 15, 1217-1236.	2.5	39
25	Education for sustainability using a campus eco-garden as a learning environment. International Journal of Sustainability in Higher Education, 2017, 18, 242-262.	3.1	35
26	Plastic Waste Problem and Education for Plastic Waste Management. , 2017, , 125-140.		34
27	Studentsâ€™ beliefs and experiences of interdisciplinary learning. Asia Pacific Journal of Education, 2017, 37, 375-388.	2.1	4
28	Views and practices from the chalkface: development of a formative assessment multimedia learning environment. Technology, Pedagogy and Education, 2017, 26, 501-515.	5.4	6
29	Comparing pedagogies for plastic waste management at university level. International Journal of Sustainability in Higher Education, 2017, 18, 1039-1059.	3.1	14
30	An Interactive Conceptual Approach to Support the Teaching and Learning of Green Technology. , 2017, , 141-150.		2
31	Learning about the types of plastic wastes: effectiveness of inquiry learning strategies. Education 3-13, 2016, 44, 311-324.	1.0	10
32	Implementation Matters: Teachersâ€™ Pedagogical Practices During the Implementation of an Interdisciplinary Curriculum in Hong Kong. Asia-Pacific Education Researcher, 2016, 25, 527-539.	3.7	4
33	Research and development of a new waste collection bin to facilitate education in plastic recycling. Applied Environmental Education and Communication, 2016, 15, 45-57.	1.1	21
34	Environmental governance in Hong Kong â€“ Moving towards multi-level participation. Journal of Asian Public Policy, 2015, 8, 297-311.	3.1	12
35	Teachersâ€™ environmental literacy and teaching â€“ stories of three Hong Kong primary school teachers. International Research in Geographical and Environmental Education, 2015, 24, 58-79.	1.6	24
36	Views of primary science teachers towards the use of online resources to support the implementation of inquiry learning. Education 3-13, 2014, 42, 386-401.	1.0	3

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37	CONNECTING MATHEMATICS IN PRIMARY SCIENCE INQUIRY PROJECTS. International Journal of Science and Mathematics Education, 2013, 11, 385-406.	2.5	36
38	Influence of teachersâ€™ perceptions of teaching and learning on the implementation of Assessment for Learning in inquiry study. Assessment in Education, 2011, 18, 417-432.	1.2	17
39	Interaction of students' academic background and support levels in a resource-based learning environment on Earth's movement. Interactive Learning Environments, 2010, 18, 153-176.	6.4	10
40	Use of Micro-teaching Videos in Teacher Education: Computer-Supported Collaborative Learning. Lecture Notes in Computer Science, 2009, , 260-271.	1.3	3
41	The interactive use of a video database in teacher education: Creating a knowledge base for teaching through a learning community. Computers and Education, 2009, 53, 775-786.	8.3	50
42	A study of building a resource-based learning environment with the inquiry learning approach: Knowledge of family trees. Computers and Education, 2008, 50, 37-60.	8.3	11
43	Supporting Student Teachers' Professional Learning with Standardsâ€Referenced Assessment. Asia-Pacific Journal of Teacher Education, 2006, 34, 223-244.	1.9	17
44	Learning Science through Investigations: An Experience with Hong Kong Primary School Children. International Journal of Science and Mathematics Education, 2003, 1, 175-200.	2.5	12
45	A study of teacher cognition in planning elementary science lessons. Research in Science Education, 1997, 27, 71-86.	2.3	12
46	Does computation technology matter in science, technology, engineering and mathematics (STEM) projects?. Research in Science and Technological Education, 0, , 1-19.	2.5	5