

Mei-Shiu Chiu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

303
citations

1040056
9
h-index

888059
17
g-index

29
all docs

29
docs citations

29
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	The internal/external frame of reference model, big-fish-little-pond effect, and combined model for mathematics and science.. Journal of Educational Psychology, 2012, 104, 87-107.	2.9	61
2	Achievements and self-concepts in a comparison of math and science: exploring the internal/external frame of reference model across 28 countries. Educational Research and Evaluation, 2008, 14, 235-254.	1.6	44
3	Approaches to the Teaching of Creative and Non-Creative Mathematical Problems. International Journal of Science and Mathematics Education, 2009, 7, 55-79.	2.5	42
4	Taiwanese teachers'™ implementation of a new 'constructivist mathematics curriculum'™: How cognitive and affective issues are addressed. International Journal of Educational Development, 2011, 31, 196-206.	2.7	26
5	IDENTIFICATION AND ASSESSMENT OF TAIWANESE CHILDREN'™S CONCEPTIONS OF LEARNING MATHEMATICS. International Journal of Science and Mathematics Education, 2012, 10, 163-191.	2.5	14
6	Exploring models for increasing the effects of school information and communication technology use on learning outcomes through outside-school use and socioeconomic status mediation: the Ecological Techno-Process. Educational Technology Research and Development, 2020, 68, 413-436.	2.8	13
7	Effects of science interest and environmental responsibility on science aspiration and achievement: gender differences and cultural supports. Educational Research and Evaluation, 2010, 16, 345-370.	1.6	11
8	DIFFERENTIAL PSYCHOLOGICAL PROCESSES UNDERLYING THE SKILL-DEVELOPMENT MODEL AND SELF-ENHANCEMENT MODEL ACROSS MATHEMATICS AND SCIENCE IN 28 COUNTRIES. International Journal of Science and Mathematics Education, 2012, 10, 611-642.	2.5	10
9	Tensions in implementing the 'energy-conservation/carbon-reduction' policy in Taiwanese culture. Energy Policy, 2013, 55, 415-425.	8.8	9
10	Creative behaviours in mathematics: Relationships with abilities, demographics, affects and gifted behaviours. Thinking Skills and Creativity, 2015, 16, 40-50.	3.5	9
11	Effects of Early Numeracy Activities on Mathematics Achievement and Affect: Parental Value and Child Gender Conditions and Socioeconomic Status Mediation. Eurasia Journal of Mathematics, Science and Technology Education, 2018, 14, .	1.3	9
12	Gaps Between Valuing and Purchasing Green-Technology Products. International Journal of Technology and Human Interaction, 2012, 8, 54-68.	0.4	8
13	The Challenge of Learning Physics Before Mathematics: A Case Study of Curriculum Change in Taiwan. Research in Science Education, 2016, 46, 767-786.	2.3	7
14	Online mathematics education as bio-eco-techno process: bibliometric analysis using co-authorship and bibliographic coupling. Scientometrics, 2022, 127, 4631-4654.	3.0	7
15	PATTERNS OF CHILDREN'S EMOTIONAL RESPONSES TO MATHEMATICAL PROBLEM-SOLVING. Research in Mathematics Education, 2004, 6, 129-153.	1.2	5
16	Linear or quadratic effects of ICT use on science and mathematics achievements moderated by SES: conditioned ecological techno-process. Research in Science and Technological Education, 2022, 40, 549-570.	2.5	4
17	Graduates'™ career success predicted by mathematical and affective abilities, effective higher-education learning and economic contexts: a bioecological positivity to success model. Journal of Education and Work, 2021, 34, 313-330.	1.6	4
18	Gender differences in effects of father/mother parenting on mathematics achievement growth: a bioecological model of human development. European Journal of Psychology of Education, 2021, 36, 827-844.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Graduate employment in higher education: applying bibliometrics to world-system theory. Journal of Education and Work, 2021, 34, 356-372.	1.6	3
20	Making open educational resource videos on sustainable development: students' attitudes, rationales, and approaches. Research in Science and Technological Education, 2023, 41, 861-885.	2.5	3
21	Public Constructs of Energy Values and Behaviors in Implementing Taiwan's "Energy-Conservation/Carbon-Reduction" Declarations. International Journal of Science Education, Part B: Communication and Public Engagement, 2016, 6, 46-67.	1.5	2
22	Equality or quality? Using within-school ranks to admit disadvantaged medical students. Journal of Applied Research in Higher Education, 2018, 10, 140-154.	1.9	2
23	Using Demographics to Predict Mathematics Achievement Development and Academic Ability and Job Income Expectations. Open Journal of Social Sciences, 2016, 04, 103-107.	0.3	2
24	Repeated Field Teaching: Preservice Teachers' Changes in Teaching Efficacy and Theories of Mathematics Teaching. Journal of Advances in Education Research, 2017, 2, .	0.2	2
25	Student constructs of mathematical problems: Problem types, achievement and gender. Cogent Education, 2014, 1, 961252.	1.5	1
26	An ecological approach to adolescent mathematics ability development: differences in demographics, parenting, mathematics teaching, and student behaviors and emotions. Educational Studies, 2021, 47, 155-178.	2.4	1
27	High School Student Rationales for Studying Advanced Science: Analysis of Their Psychological and Cultural Capitals. Journal of Advances in Education Research, 2017, 2, .	0.2	1
28	Hierarchical Models of Self-Concept across Genders and Sciences/Humanities for College Students in Taiwan. ISRN Education, 2013, 2013, 1-9.	0.5	0