Meilan Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10884194/publications.pdf

Version: 2024-02-01

14	720	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	598
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Framework for Supporting Metacognitive Aspects of Online Inquiry Through Software-Based Scaffolding. Educational Psychologist, 2005, 40, 235-244.	9.0	191
2	Understanding affordances and challenges of three types of video for teacher professional development. Teaching and Teacher Education, 2011, 27, 454-462.	3.2	184
3	Scaffolding strategies for supporting middle school studentsâ€™ online inquiry processes. Computers and Education, 2012, 58, 181-196.	8.3	84
4	Strategic Facilitation of Problem-Based Discussion for Teacher Professional Development. Journal of the Learning Sciences, 2011, 20, 342-394.	2.9	65
5	Internet use that reproduces educational inequalities: Evidence from big data. Computers and Education, 2015, 86, 212-223.	8.3	45
6	Using Questioning to Facilitate Discussion of Science Teaching Problems in Teacher Professional Development. Interdisciplinary Journal of Problem-based Learning, 2010, 4, .	0.5	37
7	â€œWhatâ€™s So Terrible About Swallowing an Apple Seed?â€•Problem-Based Learning in Kindergarten. Journal of Science Education and Technology, 2011, 20, 468-481.	3.9	23
8	Understanding the relationship between levels of mobile technology use in high school physics classrooms and the learning outcome. British Journal of Educational Technology, 2019, 50, 750-766.	6.3	22
9	Oneâ€toâ€one mobile technology in high school physics classrooms: Understanding its use and outcome. British Journal of Educational Technology, 2018, 49, 516-532.	6.3	21
10	Who are interested in online science simulations? Tracking a trend of digital divide in Internet use. Computers and Education, 2014, 76, 205-214.	8.3	16
11	â€œScience Talksâ€•in Kindergarten Classrooms: Improving Classroom Practice Through Collaborative Action Research. Journal of Science Teacher Education, 2010, 21, 161-179.	2.5	9
12	Supporting Science Teachers in Alignment with State Curriculum Standards through Professional Development: Teachersâ€™ Preparedness, Expectations and Their Fulfillment. Journal of Science Education and Technology, 2011, 20, 422-434.	3.9	8
13	Global prevalence of sleep deprivation in students and heavy media use. Education and Information Technologies, 2017, 22, 239-254.	5.7	8
14	Tracking the Rise of Web Information Needs for Mobile Education and an Emerging Trend of Digital Divide. Computers in the Schools, 2015, 32, 83-104.	1.0	7