

# Meilan Zhang

## List of Publications by Year in descending order

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

Version: 2024-02-01

14  
papers

720  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

598  
citing authors

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