

# Silvia Wen-Yu Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/531742/publications.pdf>

Version: 2024-02-01

19  
papers

2,248  
citations

759055

12  
h-index

839398

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2040  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Validation for the Developmental Model of Computational Thinking. <i>Journal of Educational Computing Research</i> , 2022, 60, 56-73.	3.6	15
2	Do curious students learn more science in an immersive virtual reality environment? Exploring the impact of advance organizers and epistemic curiosity. <i>Computers and Education</i> , 2022, 182, 104456.	5.1	19
3	Examining secondary school students'™ views of model evaluation through an integrated framework of personal epistemology. <i>Instructional Science</i> , 2021, 49, 1-26.	1.1	1
4	Investigating learners' engagement and science learning outcomes in different designs of participatory simulated games. <i>British Journal of Educational Technology</i> , 2021, 52, 1197-1214.	3.9	15
5	Investigating the Links Between Students'™ Learning Engagement and Modeling Competence in Computer-Supported Modeling-Based Activities. <i>Journal of Science Education and Technology</i> , 2021, 30, 751-765.	2.4	2
6	Measuring epistemologies in science learning and teaching: A systematic review of the literature. <i>Science Education</i> , 2021, 105, 880-907.	1.8	18
7	A systematic review of trends and findings in research employing drawing assessment in science education. <i>Studies in Science Education</i> , 2020, 56, 77-110.	3.4	42
8	Identifying the Item Hierarchy and Charting the Progression across Grade Levels: Surveying Taiwanese Students'™ Understanding of Scientific Models and Modeling. <i>International Journal of Science and Mathematics Education</i> , 2018, 16, 1409-1430.	1.5	5
9	Students'™ Views of Scientific Models and Modeling: Do Representational Characteristics of Models and Students'™ Educational Levels Matter?. <i>Research in Science Education</i> , 2017, 47, 305-328.	1.4	20
10	Do sophisticated epistemic beliefs predict meaningful learning? Findings from a structural equation model of undergraduate biology learning. <i>International Journal of Science Education</i> , 2016, 38, 2327-2345.	1.0	22
11	Technology-supported Learning in Secondary and Undergraduate Biological Education: Observations from Literature Review. <i>Journal of Science Education and Technology</i> , 2013, 22, 226-233.	2.4	25
12	A review of using eye-tracking technology in exploring learning from 2000 to 2012. <i>Educational Research Review</i> , 2013, 10, 90-115.	4.1	377
13	Investigating students' learning approaches, perceptions of online discussions, and students' online and academic performance. <i>Computers and Education</i> , 2013, 68, 345-352.	5.1	32
14	Current status, opportunities and challenges of augmented reality in education. <i>Computers and Education</i> , 2013, 62, 41-49.	5.1	1,478
15	Development and implications of technology in reform-based physics laboratories. <i>Physical Review Physics Education Research</i> , 2012, 8, .	1.7	31
16	Impact of biology laboratory courses on students' science performance and views about laboratory courses in general: innovative measurements and analyses. <i>Journal of Biological Education</i> , 2012, 46, 173-179.	0.8	13
17	Students'™ perceptions of collaboration, self-regulated learning, and information seeking in the context of Internet-based learning and traditional learning. <i>Computers in Human Behavior</i> , 2011, 27, 905-914.	5.1	116
18	Identifying patterns of collaborative knowledge exploration in online asynchronous discussions. <i>Instructional Science</i> , 2011, 39, 321-347.	1.1	15

#	ARTICLE	IF	CITATIONS
19	Development and Validation of the Computational Thinking Test for Elementary School Students (CTT-ES): Correlate CT Competency With CT Disposition. Journal of Educational Computing Research, 0, , 073563312110510.	3.6	2