

Tzu-Hua Wang

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

936
citations

759233

12
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning styles and formative assessment strategy: enhancing student achievement in Web-based learning. <i>Journal of Computer Assisted Learning</i> , 2006, 22, 207-217.	5.1	119
2	Web-based quiz-game-like formative assessment: Development and evaluation. <i>Computers and Education</i> , 2008, 51, 1247-1263.	8.3	119
3	Developing an assessment-centered e-Learning system for improving student learning effectiveness. <i>Computers and Education</i> , 2014, 73, 189-203.	8.3	117
4	Developing Web-based assessment strategies for facilitating junior high school students to perform self-regulated learning in an e-Learning environment. <i>Computers and Education</i> , 2011, 57, 1801-1812.	8.3	107
5	Web-based dynamic assessment: Taking assessment as teaching and learning strategy for improving students' e-Learning effectiveness. <i>Computers and Education</i> , 2010, 54, 1157-1166.	8.3	73
6	What strategies are effective for formative assessment in an e-learning environment?. <i>Journal of Computer Assisted Learning</i> , 2007, 23, 171-186.	5.1	63
7	Web-based Assessment and Test Analyses (WATA) system: development and evaluation. <i>Journal of Computer Assisted Learning</i> , 2004, 20, 59-71.	5.1	54
8	Designing a Web-based assessment environment for improving pre-service teacher assessment literacy. <i>Computers and Education</i> , 2008, 51, 448-462.	8.3	52
9	Implementation of Web-based dynamic assessment in facilitating junior high school students to learn mathematics. <i>Computers and Education</i> , 2011, 56, 1062-1071.	8.3	52
10	A Web-based model for developing assessment literacy of secondary in-service teachers. <i>Computers and Education</i> , 2011, 57, 1727-1740.	8.3	33
11	Studying the effectiveness of an online argumentation model for improving undergraduate students' argumentation ability. <i>Journal of Computer Assisted Learning</i> , 2020, 36, 526-539.	5.1	18
12	Implementation of Web-based argumentation in facilitating elementary school students to learn environmental issues. <i>Journal of Computer Assisted Learning</i> , 2014, 30, 479-496.	5.1	17
13	Maker-Centred Science and Mathematics Education: Lenses, Scales and Contexts. <i>International Journal of Science and Mathematics Education</i> , 2019, 17, 1-11.	2.5	12
14	Problematic Internet use among elementary school students: prevalence and risk factors. <i>Information, Communication and Society</i> , 2021, 24, 219-240.	4.0	12
15	How an interactive whiteboard impacts a traditional classroom. <i>Education As Change</i> , 2012, 16, 313-332.	0.5	11
16	Developing a web-based multimedia assessment system for facilitating science laboratory instruction. <i>Journal of Computer Assisted Learning</i> , 2019, 35, 529-539.	5.1	11
17	Implementation of Web-Based Dynamic Assessments as Sustainable Educational Technique for Enhancing Reading Strategies in English Class during the COVID-19 Pandemic. <i>Sustainability</i> , 2021, 13, 5842.	3.2	11
18	Diagnosing students' mental models via the Web-Based Mental Models Diagnosis system. <i>British Journal of Educational Technology</i> , 2013, 44, E49.	6.3	10

#	ARTICLE	IF	CITATIONS
19	Implementation of Personalized E-Assessment for Remedial Teaching in an E-Learning Environment. Eurasia Journal of Mathematics, Science and Technology Education, 2017, 13, .	1.3	7
20	Study the Effectiveness of Technology-Enhanced Interactive Teaching Environment on Student Learning of Junior High School Biology. Eurasia Journal of Mathematics, Science and Technology Education, 2015, 11, .	1.3	6
21	Developing a Web-based Assessment System for Evaluating Examinee's Understanding of the Procedure of Scientific Experiments. Eurasia Journal of Mathematics, Science and Technology Education, 2018, 14, .	1.3	6
22	Implementation of web-based dynamic assessment in improving low English achievers' learning effectiveness. Computer Assisted Language Learning, 0, , 1-27.	7.1	5
23	Editorial: E-Assessment and Its Role and Possibility in Facilitating Future Teaching and Learning. Eurasia Journal of Mathematics, Science and Technology Education, 2017, 13, .	1.3	4
24	English-Learning Motivation among Chinese Mature Learners: A Comparative Study of English and Non-English Majors. Behavioral Sciences (Basel, Switzerland), 2022, 12, 135.	2.1	4
25	Implementation of Mobile Learning in Mathematics Instruction for Elementary Second Graders. Mathematics, 2021, 9, 1603.	2.2	3
26	Factors Associated with the Equivalence of the Scores of Computer-Based Test and Paper-and-Pencil Test: Presentation Type, Item Difficulty and Administration Order. Sustainability, 2021, 13, 9548.	3.2	3
27	Web-based Answering Robot: Designing the Instant Questioning-Answering system for education. British Journal of Educational Technology, 2013, 44, E143.	6.3	2
28	Scale for assessing undergraduates' interdisciplinary competences related to the smart living industry. Studies in Educational Evaluation, 2021, 71, 101096.	2.3	2
29	Technology-Enhanced Science Teaching and Learning: Issues and Trends. , 2016, , 461-481.		1
30	Developing an Analysis Framework for Studies on Pedagogical Agent in an e-Learning Environment. Journal of Educational Computing Research, 2022, 60, 547-578.	5.5	1
31	Importance of the Concept of "Competency" in Science Teacher Education: What Are the Professional Competencies for Science Teachers?. Communications in Computer and Information Science, 2020, , 1-5.	0.5	1
32	Using DDMT Teaching Model to Cultivate Critical Thinking in a STEAM Classroom. Communications in Computer and Information Science, 2020, , 47-57.	0.5	0
33	STUDY THE EFFECTIVENESS OF MOBILE LEARNING ON THE IMPROVEMENT OF MATHEMATICS LEARNING INTEREST OF THE SECOND GRADERS IN A PRIMARY SCHOOL. EDULEARN Proceedings, 2020, , .	0.0	0