

Libby Gerard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3692470/publications.pdf>

Version: 2024-02-01

23
papers

676
citations

567281

15
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Professional Development for Technology-Enhanced Inquiry Science. <i>Review of Educational Research</i> , 2011, 81, 408-448.	7.5	106
2	Validation of automated scoring of science assessments. <i>Journal of Research in Science Teaching</i> , 2016, 53, 215-233.	3.3	81
3	Automated Scoring of Constructed-Response Science Items: Prospects and Obstacles. <i>Educational Measurement: Issues and Practice</i> , 2014, 33, 19-28.	1.4	69
4	Computer-Guided Inquiry to Improve Science Learning. <i>Science</i> , 2014, 344, 155-156.	12.6	52
5	Teacher use of evidence to customize inquiry science instruction. <i>Journal of Research in Science Teaching</i> , 2010, 47, 1037-1063.	3.3	46
6	Automated guidance for student inquiry.. <i>Journal of Educational Psychology</i> , 2016, 108, 60-81.	2.9	38
7	Using Automated Scores of Student Essays to Support Teacher Guidance in Classroom Inquiry. <i>Journal of Science Teacher Education</i> , 2016, 27, 111-129.	2.5	36
8	Automated, adaptive guidance for K-12 education. <i>Educational Research Review</i> , 2015, 15, 41-58.	7.8	35
9	Gathering Requirements for Teacher Tools: Strategies for Empowering Teachers Through Co-Design. <i>Journal of Science Teacher Education</i> , 2016, 27, 79-110.	2.5	30
10	Designing Automated Guidance to Promote Productive Revision of Science Explanations. <i>International Journal of Artificial Intelligence in Education</i> , 2017, 27, 729-757.	5.5	30
11	Principal Leadership for Technology-enhanced Learning in Science. <i>Journal of Science Education and Technology</i> , 2008, 17, 1-18.	3.9	23
12	Self-directed Science Learning During COVID-19 and Beyond. <i>Journal of Science Education and Technology</i> , 2022, 31, 258-271.	3.9	22
13	Guiding collaborative revision of science explanations. <i>International Journal of Computer-Supported Collaborative Learning</i> , 2019, 14, 291-324.	3.0	21
14	Impact of graph technologies in K-12 science and mathematics education. <i>Computers and Education</i> , 2020, 146, 103748.	8.3	20
15	Science Education. <i>Review of Research in Education</i> , 2016, 40, 529-587.	1.6	19
16	Computer-based guidance to support students'™ revision of their science explanations. <i>Computers and Education</i> , 2022, 176, 104351.	8.3	13
17	Getting from Here to There: The Roles of Policy Makers and Principals in Increasing Science Teacher Quality. <i>Journal of Science Teacher Education</i> , 2010, 21, 283-307.	2.5	7
18	Technology as Inquiry Teaching Partner. <i>Journal of Science Teacher Education</i> , 2016, 27, 1-9.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Designing personalised instruction: A research and design framework. British Journal of Educational Technology, 2021, 52, 1839-1861.	6.3	7
20	An empirical investigation of neural methods for content scoring of science explanations. , 2020, , .		7
21	Designing a remote professional development course to support teacher customization in science. Computers in Human Behavior, 2021, 123, 106814.	8.5	3
22	Collaboration and knowledge integration. , 2009, , .		3
23	Professional Development Programs for Teaching with Visualizations. , 2013, , 63-78.		1