

# 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	Computer-based guidance to support students'™ revision of their science explanations. Computers and Education, 2022, 176, 104351.	8.3	13
2	Self-directed Science Learning During COVID-19 and Beyond. Journal of Science Education and Technology, 2022, 31, 258-271.	3.9	22
3	Designing personalised instruction: A research and design framework. British Journal of Educational Technology, 2021, 52, 1839-1861.	6.3	7
4	Designing a remote professional development course to support teacher customization in science. Computers in Human Behavior, 2021, 123, 106814.	8.5	3
5	Impact of graph technologies in K-12 science and mathematics education. Computers and Education, 2020, 146, 103748.	8.3	20
6	An empirical investigation of neural methods for content scoring of science explanations. , 2020, , .		7
7	Guiding collaborative revision of science explanations. International Journal of Computer-Supported Collaborative Learning, 2019, 14, 291-324.	3.0	21
8	Designing Automated Guidance to Promote Productive Revision of Science Explanations. International Journal of Artificial Intelligence in Education, 2017, 27, 729-757.	5.5	30
9	Validation of automated scoring of science assessments. Journal of Research in Science Teaching, 2016, 53, 215-233.	3.3	81
10	Science Education. Review of Research in Education, 2016, 40, 529-587.	1.6	19
11	Technology as Inquiry Teaching Partner. Journal of Science Teacher Education, 2016, 27, 1-9.	2.5	7
12	Using Automated Scores of Student Essays to Support Teacher Guidance in Classroom Inquiry. Journal of Science Teacher Education, 2016, 27, 111-129.	2.5	36
13	Automated guidance for student inquiry.. Journal of Educational Psychology, 2016, 108, 60-81.	2.9	38
14	Gathering Requirements for Teacher Tools: Strategies for Empowering Teachers Through Co-Design. Journal of Science Teacher Education, 2016, 27, 79-110.	2.5	30
15	Automated, adaptive guidance for K-12 education. Educational Research Review, 2015, 15, 41-58.	7.8	35
16	Automated Scoring of Constructedâ€Response Science Items: Prospects and Obstacles. Educational Measurement: Issues and Practice, 2014, 33, 19-28.	1.4	69
17	Computer-Guided Inquiry to Improve Science Learning. Science, 2014, 344, 155-156.	12.6	52
18	Professional Development Programs for Teaching with Visualizations. , 2013, , 63-78.		1

#	ARTICLE	IF	CITATIONS
19	Professional Development for Technology-Enhanced Inquiry Science. Review of Educational Research, 2011, 81, 408-448.	7.5	106
20	Getting from Here to There: The Roles of Policy Makers and Principals in Increasing Science Teacher Quality. Journal of Science Teacher Education, 2010, 21, 283-307.	2.5	7
21	Teacher use of evidence to customize inquiry science instruction. Journal of Research in Science Teaching, 2010, 47, 1037-1063.	3.3	46
22	Collaboration and knowledge integration. , 2009, , .		3
23	Principal Leadership for Technology-enhanced Learning in Science. Journal of Science Education and Technology, 2008, 17, 1-18.	3.9	23