

# Kihyun Ryoo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5559772/publications.pdf>

Version: 2024-02-01

14  
papers

537  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supporting linguistically diverse students' science learning with dynamic visualizations through discourse-rich practices. <i>Journal of Research in Science Teaching</i> , 2019, 56, 270-301.	3.3	15
2	Exploring different types of assessment items to measure linguistically diverse students'™ understanding of energy and matter in chemistry. <i>Chemistry Education Research and Practice</i> , 2018, 19, 149-166.	2.5	6
3	Promoting Linguistically Diverse Students'™ Short-Term and Long-Term Understanding of Chemical Phenomena Using Visualizations. <i>Journal of Science Education and Technology</i> , 2018, 27, 508-522.	3.9	17
4	The effects of visualizations on linguistically diverse students'™ understanding of energy and matter in life science. <i>Journal of Research in Science Teaching</i> , 2017, 54, 1274-1301.	3.3	20
5	Designing automated guidance for concept diagrams in inquiry instruction. <i>Journal of Research in Science Teaching</i> , 2016, 53, 1003-1035.	3.3	17
6	Automated guidance for student inquiry.. <i>Journal of Educational Psychology</i> , 2016, 108, 60-81.	2.9	38
7	Designing and Validating Assessments of Complex Thinking in Science. <i>Theory Into Practice</i> , 2015, 54, 238-254.	1.6	14
8	Teaching Science Through the Language of Students in Technology-Enhanced Instruction. <i>Journal of Science Education and Technology</i> , 2015, 24, 29-42.	3.9	11
9	Measuring Knowledge Integration Learning of Energy Topics: A two-year longitudinal study. <i>International Journal of Science Education</i> , 2015, 37, 1044-1066.	1.9	19
10	Designing guidance for interpreting dynamic visualizations: Generating versus reading explanations. <i>Journal of Research in Science Teaching</i> , 2014, 51, 147-174.	3.3	37
11	Computer-Guided Inquiry to Improve Science Learning. <i>Science</i> , 2014, 344, 155-156.	12.6	52
12	Can dynamic visualizations improve middle school students' understanding of energy in photosynthesis?. <i>Journal of Research in Science Teaching</i> , 2012, 49, 218-243.	3.3	77
13	Pathway Towards Fluency: Using "disaggregate instruction"™ to promote science literacy. <i>International Journal of Science Education</i> , 2010, 32, 1465-1493.	1.9	39
14	Teaching science as a language: A "content-first" approach to science teaching. <i>Journal of Research in Science Teaching</i> , 2008, 45, 529-553.	3.3	175