

Amanda Peel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3690507/publications.pdf>

Version: 2024-02-01

9
papers

229
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Student development of model-based reasoning about carbon cycling and climate change in a socio-scientific issues unit. <i>Journal of Research in Science Teaching</i> , 2017, 54, 1249-1273.	3.3	75
2	Learning natural selection through computational thinking: Unplugged design of algorithmic explanations. <i>Journal of Research in Science Teaching</i> , 2019, 56, 983-1007.	3.3	42
3	Students' model-based explanations about natural selection and antibiotic resistance through socio-scientific issues-based learning. <i>International Journal of Science Education</i> , 2019, 41, 510-532.	1.9	34
4	Algorithms, Abstractions, and Iterations: Teaching Computational Thinking Using Protein Synthesis Translation. <i>American Biology Teacher</i> , 2018, 80, 21-28.	0.2	18
5	Exploring Elementary Teachers' Perceptions and Characterizations of Model-Oriented Issue-Based Teaching. <i>Journal of Science Teacher Education</i> , 2018, 29, 555-577.	2.5	18
6	Constructionist co-design: A dual approach to curriculum and professional development. <i>British Journal of Educational Technology</i> , 2021, 52, 1043-1059.	6.3	13
7	Algorithmic Explanations: an Unplugged Instructional Approach to Integrate Science and Computational Thinking. <i>Journal of Science Education and Technology</i> , 2022, 31, 428-441.	3.9	12
8	Exploring primary students causal reasoning about ecosystems. <i>International Journal of Science Education</i> , 2020, 42, 1799-1817.	1.9	11
9	Using Unplugged Computational Thinking to Scaffold Natural Selection Learning. <i>American Biology Teacher</i> , 2021, 83, 112-117.	0.2	6