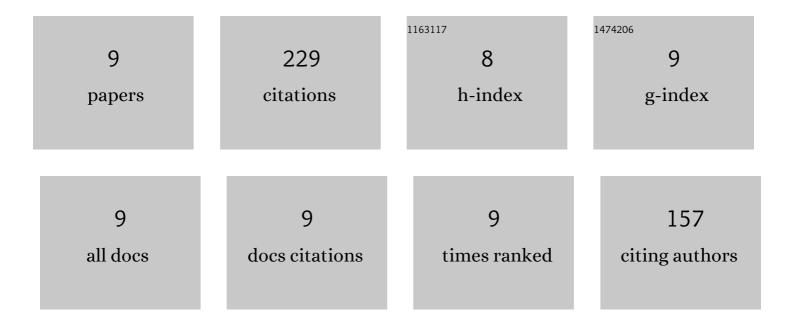
Amanda Peel

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3690507/publications.pdf Version: 2024-02-01



AMANDA DEEL

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