

Martin Goedhart

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

282
citations

1307594

7
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Graphs in Blending Physical and Mathematical Meaning of Partial Derivatives in the Context of the Heat Equation. <i>International Journal of Science and Mathematics Education</i> , 2023, 21, 25-47.	2.5	4
2	Supporting Secondary Students'™ Morality Development in Science Education. <i>Studies in Science Education</i> , 2022, 58, 141-181.	5.4	8
3	“Why don't you just tell us what light really is?” Easy-to-implement teaching materials that link quantum physics to nature of science. <i>Physics Education</i> , 2022, 57, 025014.	0.5	4
4	Students'™ use of formalisations for improved logical reasoning. <i>Research in Mathematics Education</i> , 2022, 24, 291-323.	1.2	2
5	The Use of Multiple Representations in Undergraduate Physics Education: What Do we Know and Where Do we Go from Here?. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2021, 17, em1934.	1.3	7
6	Student Development in Logical Reasoning: Results of an Intervention Guiding Students Through Different Modes of Visual and Formal Representation. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2021, 21, 378-399.	1.0	5
7	Biology Students'™ Morality When Engaged With Moral Dilemmas in the Human-Nature Context. <i>Frontiers in Education</i> , 2021, 6, .	2.1	2
8	Why and how teachers use nature of science in teaching quantum physics: Research on the use of an ecological teaching intervention in upper secondary schools. <i>Physical Review Physics Education Research</i> , 2021, 17, .	2.9	6
9	Logical Reasoning in Formal and Everyday Reasoning Tasks. <i>International Journal of Science and Mathematics Education</i> , 2020, 18, 1673-1694.	2.5	22
10	Secondary school students'™ views of nature of science in quantum physics. <i>International Journal of Science Education</i> , 2020, 42, 997-1016.	1.9	25
11	Identifying Potential Secondary School Teachers among Science University Students: A Latent Profile Analysis. <i>Journal of Science Teacher Education</i> , 2020, 31, 556-577.	2.5	3
12	Dynamic conceptual blending analysis to model student reasoning processes while integrating mathematics and physics: A case study in the context of the heat equation. <i>Physical Review Physics Education Research</i> , 2020, 16, .	2.9	8
13	Preparing Science Undergraduates for a Teaching Career: Sources of Their Teacher Self-Efficacy. <i>Teacher Educator</i> , 2019, 54, 270-294.	1.2	31
14	Reading and synthesising science texts using a scientific argumentation model by undergraduate biology students. <i>International Journal of Science Education</i> , 2019, 41, 2323-2346.	1.9	8
15	Analysis of secondary school quantum physics curricula of 15 different countries: Different perspectives on a challenging topic. <i>Physical Review Physics Education Research</i> , 2019, 15, .	2.9	66
16	<i>Tell me a Story</i>: the use of narrative as a learning tool for natural selection. <i>Educational Media International</i> , 2017, 54, 20-33.	1.7	25
17	A Teaching Strategy with a Focus on Argumentation to Improve Undergraduate Students'™ Ability to Read Research Articles. <i>CBE Life Sciences Education</i> , 2014, 13, 253-264.	2.3	32
18	Evaluation of authentic science projects on climate change in secondary schools: a focus on gender differences. <i>Research in Science and Technological Education</i> , 2011, 29, 131-146.	2.5	10

#	ARTICLE	IF	CITATIONS
19	From Chemical Energetics to Chemical Thermodynamics. , 2002, , 339-362.		12
20	Undergraduate students' difficulties with boundary conditions for the diffusion equation. International Journal of Mathematical Education in Science and Technology, 0, , 1-23.	1.4	0
21	Preservice Physics Teachers's Development of Physics Identities: the Role of Multiple Representations. Research in Science Education, 0, , 1.	2.3	2