

Jonas Bergman Årlebäck

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

181
citations

1478505

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h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	A Modeling Perspective on Interpreting Rates of Change in Context. <i>Mathematical Thinking and Learning</i> , 2013, 15, 314-336.	1.2	41
2	First Results from a Study Investigating Swedish Upper Secondary Students'™ Mathematical Modelling Competencies. <i>International Perspectives on the Teaching and Learning of Mathematical Modelling</i> , 2011, , 407-416.	0.5	30
3	Reflections on Progress in Mathematical Modelling Research. , 2016, , 383-413.		22
4	Students'™ interpretations and reasoning about phenomena with negative rates of change throughout a model development sequence. <i>ZDM - International Journal on Mathematics Education</i> , 2018, 50, 187-200.	2.2	19
5	The use and potential of Fermi problems in the STEM disciplines to support the development of twenty-first century competencies. <i>ZDM - International Journal on Mathematics Education</i> , 2019, 51, 979-990.	2.2	19
6	Design and Effectiveness of Modeling-Based Mathematics in a Summer Bridge Program. <i>Journal of Engineering Education</i> , 2014, 103, 92-114.	3.0	17
7	On the Use of Realistic Fermi Problems in Introducing Mathematical Modelling in Upper Secondary Mathematics. , 2010, , 597-609.		11
8	Modelling from the Perspective of Commognition " An Emerging Framework. <i>International Perspectives on the Teaching and Learning of Mathematical Modelling</i> , 2013, , 47-56.	0.5	10
9	On the Use of Realistic Fermi Problems in Introducing Mathematical Modelling in Upper Secondary Mathematics. <i>International Perspectives on the Teaching and Learning of Mathematical Modelling</i> , 2013, , 597-609.	0.5	8
10	Teaching Practices and Exploratory Computer Simulations. <i>Computers in the Schools</i> , 2013, 30, 102-123.	1.0	3
11	Moving beyond descriptive models. <i>Avances De Investigacion En Educacion Matematica</i> , 2021, , 5-20.	0.5	1