

Areti Panaoura

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

268
citations

1040056

9
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Representations in the Understanding of Mathematical Concepts in Higher Education: The case of Function for Economics Students. Journal of Research in Science Mathematics and Technology Education, 2021, 5, 59-82.	0.4	0
2	A Structural Model Related to the Understanding of the Concept of Function: Definition and Problem Solving. International Journal of Science and Mathematics Education, 2017, 15, 723-740.	2.5	18
3	Fostering Representational Flexibility in the Mathematical Working Space of Rational Numbers. Boletim - Mathematics Education Bulletin, 2016, 30, 287-307.	0.4	3
4	Students' mathematical work on absolute value: focusing on conceptions, errors and obstacles. ZDM - International Journal on Mathematics Education, 2016, 48, 895-907.	2.2	5
5	Representational Flexibility and Problem-Solving Ability in Fraction and Decimal Number Addition: A Structural Model. International Journal of Science and Mathematics Education, 2016, 14, 397-417.	2.5	25
6	Using representations in geometry: a model of students' cognitive and affective performance. International Journal of Mathematical Education in Science and Technology, 2014, 45, 498-511.	1.4	2
7	A multidimensional approach to explore the understanding of the notion of absolute value. International Journal of Mathematical Education in Science and Technology, 2014, 45, 159-173.	1.4	1
8	Improving problem solving ability in mathematics by using a mathematical model: A computerized approach. Computers in Human Behavior, 2012, 28, 2291-2297.	8.5	14
9	A model on the cognitive and affective factors for the use of representations at the learning of decimals. Educational Psychology, 2010, 30, 713-734.	2.7	8
10	The structure of students' beliefs about the use of representations and their performance on the learning of fractions. Educational Psychology, 2009, 29, 713-728.	2.7	12
11	GEOMETRIC AND ALGEBRAIC APPROACHES IN THE CONCEPT OF LIMIT AND THE IMPACT OF THE DIDACTIC CONTRACT. International Journal of Science and Mathematics Education, 2009, 7, 765-790.	2.5	13
12	Using the history of mathematics to induce changes in preservice teachers' beliefs and attitudes: insights from evaluating a teacher education program. Educational Studies in Mathematics, 2009, 71, 161-180.	2.8	69
13	Exploring Different Aspects of the Understanding of Function: Toward a Four-Facet Model. Canadian Journal of Science, Mathematics and Technology Education, 2008, 8, 49-69.	1.0	14
14	The developmental change of young pupils' metacognitive ability in mathematics in relation to their cognitive abilities. Cognitive Development, 2007, 22, 149-164.	1.3	35
15	Relations Between Secondary Pupils' Conceptions About Functions and Problem Solving in Different Representations. International Journal of Science and Mathematics Education, 2007, 5, 533-556.	2.5	46
16	The Development of Young Pupils' Self-Representation and Mathematical Performance in Relation to Processing Efficiency and Working Memory. Educational Psychology, 2006, 26, 643-676.	2.7	3
17	Young Students' Ability on Understanding and Constructing Geometric Proofs. Social Education Research, 0, , 121-133.	0.0	0