

Susana P Carreira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2752353/publications.pdf>

Version: 2024-02-01

39
papers

169
citations

1478505

6
h-index

1281871

11
g-index

39
all docs

39
docs citations

39
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical Problem Solving with Technology: the Techno-Mathematical Fluency of a Student-with-GeoGebra. <i>International Journal of Science and Mathematics Education</i> , 2017, 15, 1115-1136.	2.5	32
2	Youngsters Solving Mathematical Problems with Technology. <i>Mathematics Education in the Digital Era</i> , 2016, , .	0.4	18
3	Where There's a Model, There's a Metaphor: Metaphorical Thinking in Students' Understanding of a Mathematical Model. <i>Mathematical Thinking and Learning</i> , 2001, 3, 261-287.	1.2	17
4	Mathematical modelling with hands-on experimental tasks: on the student's sense of credibility. <i>ZDM - International Journal on Mathematics Education</i> , 2018, 50, 201-215.	2.2	17
5	Mathematical Problem Solving Beyond School: Digital Tools and Students' Mathematical Representations. , 2015, , 93-113.		8
6	Solving a contextual problem with the spreadsheet as an environment for algebraic thinking development. <i>Teaching Mathematics and Its Applications</i> , 2012, 31, 11-19.	0.8	7
7	A Model of Mathematical Problem Solving with Technology: The Case of Marco Solving-and-Expressing Two Geometry Problems. <i>ICME-13 Monographs</i> , 2019, , 41-62.	1.0	7
8	Students' Modelling Routes in the Context of Object Manipulation and Experimentation in Mathematics. <i>International Perspectives on the Teaching and Learning of Mathematical Modelling</i> , 2011, , 211-220.	0.5	7
9	Mathematical models and meanings by school and university students in a modelling task. <i>Avances De Investigacion En Educacion Matematica</i> , 2021, , 67-83.	0.5	7
10	Undergraduate Students' Learning of Linear Algebra Through Mathematical Modelling Routes. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2021, 21, 357-377.	1.0	6
11	Venues for Analytical Reasoning Problems: How Children Produce Deductive Reasoning. <i>Education Sciences</i> , 2020, 10, 169.	2.6	5
12	Mathematical Modelling of Daily Life in Adult Education: Focusing on the Notion of Knowledge. <i>International Perspectives on the Teaching and Learning of Mathematical Modelling</i> , 2011, , 199-209.	0.5	5
13	Diferentes Modos de Utiliza�o do GeoGebra na Resolu�o de Problemas de Matem�tica para Al�m da Sala de Aula: evid�ncias de flu�ncia tecno-matem�tica. <i>Bolema - Mathematics Education Bulletin</i> , 2017, 31, 266-288.	0.4	4
14	A Criatividade Matem�tica nas Respostas de Alunos Participantes de uma Competi�o de Resolu�o de Problemas. <i>Bolema - Mathematics Education Bulletin</i> , 2017, 31, 880-906.	0.4	3
15	Students' Attitudes in a Mathematical Problem-Solving Competition. <i>Research in Mathematics Education</i> , 2018, , 401-434.	0.3	3
16	The Spreadsheet Affordances in Solving Complex Word Problems. <i>ICME-13 Monographs</i> , 2019, , 91-109.	1.0	3
17	DIGITAL TOOLS AND PAPER-AND-PENCIL IN SOLVING-AND-EXPRESSING: HOW TECHNOLOGY EXPANDS A STUDENT'S CONCEPTUAL MODEL OF A COVARIATION PROBLEM. <i>Journal on Mathematics Education</i> , 2020, 12, 113-132.	0.9	3
18	From Acorns to Oak Trees: Charting Innovation Within Technology in Mathematics Education. <i>Mathematics Education in the Digital Era</i> , 2017, , 9-35.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Mathematical Problem Solving Beyond School: A Tool for Highlighting Creativity in Children's Solutions. <i>Research in Mathematics Education</i> , 2018, , 187-217.	0.3	3
20	Broadening Research on Mathematical Problem-Solving: An Introduction. <i>Research in Mathematics Education</i> , 2018, , 1-12.	0.3	2
21	Looking Deeper into Modelling Processes: Studies with a Cognitive Perspective – Overview. <i>International Perspectives on the Teaching and Learning of Mathematical Modelling</i> , 2011, , 159-163.	0.5	2
22	Computer Spreadsheet and Investigative Activities: A Case Study of an Innovative Experience. , 1992, , 301-312.		2
23	Mathematical thinking about systems – students modeling a biometrics identity verification system. <i>Mathematical Thinking and Learning</i> , 2023, 25, 335-360.	1.2	2
24	Digitally Expressing Co-variation in a Motion Problem. <i>Mathematics Education in the Digital Era</i> , 2016, , 173-208.	0.4	1
25	Las emociones experimentadas por los participantes en una competición matemática de resolución de problemas. <i>Educatio Siglo XXI</i> , 2018, 36, 73-100.	0.4	1
26	Metodologia de problematizaçãoo como processo avaliativo em um curso profissionalizante na Área da saúde. <i>Revista Sustinere</i> , 2018, 5, .	0.1	1
27	Beyond the Real World: How Mathematical Models Produce Reality. , 2003, , 235-244.		0
28	CERME7 Working Group 6: Applications and modelling. <i>Research in Mathematics Education</i> , 2012, 14, 195-196.	1.2	0
29	Perspectives of Teachers on Youngsters Solving Mathematical Problems with Technology. <i>Mathematics Education in the Digital Era</i> , 2016, , 55-81.	0.4	0
30	Mathematical Problem-Solving with Technology: An Overview of the Problem@Web Project. <i>Mathematics Education in the Digital Era</i> , 2016, , 1-20.	0.4	0
31	Youngsters Solving Mathematical Problems with Technology: Their Experiences and Productions. <i>Mathematics Education in the Digital Era</i> , 2016, , 21-53.	0.4	0
32	Theoretical Perspectives on Youngsters Solving Mathematical Problems with Technology. <i>Mathematics Education in the Digital Era</i> , 2016, , 83-111.	0.4	0
33	Digitally Expressing Conceptual Models of Geometrical Invariance. <i>Mathematics Education in the Digital Era</i> , 2016, , 113-140.	0.4	0
34	Digitally Expressing Algebraic Thinking in Quantity Variation. <i>Mathematics Education in the Digital Era</i> , 2016, , 141-172.	0.4	0
35	Youngsters Solving Mathematical Problems with Technology: Summary and Implications. <i>Mathematics Education in the Digital Era</i> , 2016, , 209-239.	0.4	0
36	Different Levels of Sophistication in Solving and Expressing Mathematical Problems with Digital Tools. <i>Research in Mathematics Education</i> , 2018, , 15-41.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Avaliação da aprendizagem escolar na perspectiva dos alunos. Interfaces Da Educação, 2016, 7, 07-21.	0.0	0
38	The Democratization of Technical Education from the Point of View of the Affective Dimension of Mathematics Learning: an Outset Reflection. Acta Scientiae, 2019, 21, .	0.3	0
39	Avaliação e aprendizagem: percepção de graduandas e graduandos em Economia em uma universidade pública / Evaluation and learning: Economics undergraduate students perception in a public university. Cadernos CIMEAC, 2019, 9, 234-259.	0.0	0