Susana P Carreira

List of Publications by Year
in descending order

39	169	1478505 6	1281871 11
papers	citations	h-index	g-index

39	39	39	84
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mathematical thinking about systems â€“ students modeling a biometrics identity verification system. Mathematical Thinking and Learning, 2023, 25, 335-360.	1.2	2
2	Undergraduate Studentsâ€™ Learning of Linear Algebra Through Mathematical Modelling Routes. Canadian Journal of Science, Mathematics and Technology Education, 2021, 21, 357-377.	1.0	6
3	Mathematical models and meanings by school and university students in a modelling task. Avances De Investigacion En Educacion Matematica, 2021, , 67-83.	0.5	7
4	Venues for Analytical Reasoning Problems: How Children Produce Deductive Reasoning. Education Sciences, 2020, 10, 169.	2.6	5
5	DIGITAL TOOLS AND PAPER-AND-PENCIL IN SOLVING-AND-EXPRESSING: HOW TECHNOLOGY EXPANDS A STUDENTâ€™S CONCEPTUAL MODEL OF A COVARIATION PROBLEM. Journal on Mathematics Education, 2020, 12, 113-132.	0.9	3
6	A Model of Mathematical Problem Solving with Technology: The Case of Marco Solving-and-Expressing Two Geometry Problems. ICME-13 Monographs, 2019, , 41-62.	1.0	7
7	The Spreadsheet Affordances in Solving Complex Word Problems. ICME-13 Monographs, 2019, , 91-109.	1.0	3
8	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
9	AvaliaÃ§Ã£o e aprendizagem: percepÃ§Ã£o de graduandas e graduandos em Economia em uma universidade pÃºblica / Evaluation and learning: Economics undergraduate students perception in a public university. Cadernos CIMEAC, 2019, 9, 234-259.	0.0	0
10	Mathematical modelling with hands-on experimental tasks: on the studentâ€™s sense of credibility. ZDM - International Journal on Mathematics Education, 2018, 50, 201-215.	2.2	17
11	Las emociones experimentadas por los participantes en una competiciÃ³n matemÃ¡tica de resoluciÃ³n de problemas. Educatio Siglo XXI, 2018, 36, 73-100.	0.4	1
12	Studentsâ€™ Attitudes in a Mathematical Problem-Solving Competition. Research in Mathematics Education, 2018, , 401-434.	0.3	3
13	Different Levels of Sophistication in Solving and Expressing Mathematical Problems with Digital Tools. Research in Mathematics Education, 2018, , 15-41.	0.3	0
14	Broadening Research on Mathematical Problem-Solving: An Introduction. Research in Mathematics Education, 2018, , 1-12.	0.3	2
15	Mathematical Problem Solving Beyond School: A Tool for Highlighting Creativity in Childrenâ€™s Solutions. Research in Mathematics Education, 2018, , 187-217.	0.3	3
16	Metodologia de problematizaÃ§Ã£o como processo avaliativo em um curso profissionalizante na Ã¡rea da saÃºde. Revista Sustinere, 2018, 5, .	0.1	1
17	Mathematical Problem Solving with Technology: the Techno-Mathematical Fluency of a Student-with-GeoGebra. International Journal of Science and Mathematics Education, 2017, 15, 1115-1136.	2.5	32
18	Diferentes Modos de UtilizaÃ§Ã£o do GeoGebra na ResoluÃ§Ã£o de Problemas de MatemÃ¡tica para AlÃ©m da Sala de Aula: evidÃªncias de fluÃªncia tecno-matemÃ¡tica. Bolema - Mathematics Education Bulletin, 2017, 31, 266-288.	0.4	4

#	Article	IF	Citations
19	A Criatividade MatemÃ¡tica nas Respostas de Alunos Participantes de uma CompetiÃ§Ã£o de ResoluÃ§Ã£o de Problemas. Bolema - Mathematics Education Bulletin, 2017, 31, 880-906.	0.4	3
20	From Acorns to Oak Trees: Charting Innovation Within Technology in Mathematics Education. Mathematics Education in the Digital Era, 2017, , 9-35.	0.4	3
21	Youngsters Solving Mathematical Problems with Technology. Mathematics Education in the Digital Era, 2016, , .	0.4	18
22	Perspectives of Teachers on Youngsters Solving Mathematical Problems with Technology. Mathematics Education in the Digital Era, 2016, , 55-81.	0.4	0
23	Mathematical Problem-Solving with Technology: An Overview of the Problem@Web Project. Mathematics Education in the Digital Era, 2016, , 1-20.	0.4	0
24	Youngsters Solving Mathematical Problems with Technology: Their Experiences and Productions. Mathematics Education in the Digital Era, 2016, , 21-53.	0.4	0
25	Theoretical Perspectives on Youngsters Solving Mathematical Problems with Technology. Mathematics Education in the Digital Era, 2016, , 83-111.	0.4	0
26	Digitally Expressing Conceptual Models of Geometrical Invariance. Mathematics Education in the Digital Era, 2016, , 113-140.	0.4	0
27	Digitally Expressing Algebraic Thinking in Quantity Variation. Mathematics Education in the Digital Era, 2016, , 141-172.	0.4	0
28	Digitally Expressing Co-variation in a Motion Problem. Mathematics Education in the Digital Era, 2016, , 173-208.	0.4	1
29	Youngsters Solving Mathematical Problems with Technology: Summary and Implications. Mathematics Education in the Digital Era, 2016, , 209-239.	0.4	0
30	AvaliaÃ§Ã£o da aprendizagem escolar na perspectiva dos alunos. Interfaces Da EducaÃ§Ã£o, 2016, 7, 07-21.	0.0	0
31	Mathematical Problem Solving Beyond School: Digital Tools and Studentsâ€™ Mathematical Representations. , 2015, , 93-113.		8
32	Solving a contextual problem with the spreadsheet as an environment for algebraic thinking development. Teaching Mathematics and Its Applications, 2012, 31, 11-19.	0.8	7
33	CERME7 Working Group 6: Applications and modelling. Research in Mathematics Education, 2012, 14, 195-196.	1.2	0
34	Studentsâ€™ Modelling Routes in the Context of Object Manipulation and Experimentation in Mathematics. International Perspectives on the Teaching and Learning of Mathematical Modelling, 2011, , 211-220.	0.5	7
35	Mathematical Modelling of Daily Life in Adult Education: Focusing on the Notion of Knowledge. International Perspectives on the Teaching and Learning of Mathematical Modelling, 2011, , 199-209.	0.5	5
36	Looking Deeper into Modelling Processes: Studies with a Cognitive Perspective â€“ Overview. International Perspectives on the Teaching and Learning of Mathematical Modelling, 2011, , 159-163.	0.5	2

#	Article	IF	Citations
37	Beyond the Real World: How Mathematical Models Produce Reality. , 2003, , 235-244.		0
38	Where There's a Model, There's a Metaphor: Metaphorical Thinking in Students' Understanding of a Mathematical Model. Mathematical Thinking and Learning, 2001, 3, 261-287.	1.2	17
39	Computer Spreadsheet and Investigative Activities: A Case Study of an Innovative Experience. , 1992, , 301-312.		2