

Nicolas Balacheff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/997636/publications.pdf>

Version: 2024-02-01

36
papers

677
citations

933447

10
h-index

677142

22
g-index

42
all docs

42
docs citations

42
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Processus de preuve et situations de validation. Educational Studies in Mathematics, 1987, 18, 147-176.	2.8	170
2	Didactical Complexity of Computational Environments for the Learning of Mathematics. International Journal of Computers for Mathematical Learning, 1999, 4, 1-26.	0.6	46
3	Towards a Problématique for Research on Mathematics Teaching. Journal for Research in Mathematics Education, 1990, 21, 258.	1.8	44
4	Teacher's role and reproducibility of didactical situations. Educational Studies in Mathematics, 1992, 23, 5-29.	2.8	44
5	Advances of the Semantic Web for e-learning: expanding learning frontiers. British Journal of Educational Technology, 2006, 37, 321-330.	6.3	44
6	Treatment of Refutations: Aspects of the Complexity of a Constructivist Approach to Mathematics Learning. , 1991, , 89-110.		44
7	Establishing links between conceptions, argumentation and proof through the κ -enriched Toulmin model. Journal of Mathematical Behavior, 2016, 41, 104-122.	0.9	42
8	The role of the researcher's epistemology in mathematics education: an essay on the case of proof. ZDM - International Journal on Mathematics Education, 2008, 40, 501-512.	2.2	35
9	Bridging Knowing and Proving in Mathematics: A Didactical Perspective. , 2010, , 115-135.		25
10	Towards a Problématique for Research on Mathematics Teaching. Journal for Research in Mathematics Education, 1990, 21, 258-272.	1.8	25
11	Artificial Intelligence and Real Teaching. , 1993, , 131-158.		24
12	Computer-Based Learning Environments in Mathematics. , 1996, , 511-564.		23
13	What Is Research in Mathematics Education, and What Are Its Results?. Journal for Research in Mathematics Education, 1993, 24, 274.	1.8	18
14	Introduction to the special issue on didactical and epistemological perspectives on mathematical proof. ZDM - International Journal on Mathematics Education, 2008, 40, 341-344.	2.2	12
15	Tableur et calcul algebrique. Educational Studies in Mathematics, 1989, 20, 179-210.	2.8	10
16	Beyond realistic considerations: modeling conceptions and controls in task examples with simple word problems. ZDM - International Journal on Mathematics Education, 2011, 43, 307-315.	2.2	10
17	The instrumental deconstruction as a link between drawing and geometrical figure. Educational Studies in Mathematics, 2019, 100, 161-176.	2.8	10
18	Multidisciplinarity vs. Multivocality, the case of "learning analytics". , 2013, , .		8

#	ARTICLE	IF	CITATIONS
19	Design Heuristics for Authentic Simulation-Based Learning Games. IEEE Transactions on Learning Technologies, 2014, 7, 132-141.	3.2	8
20	Construction et analyse d'une situation didactique Le cas de «la somme des angles d'un triangle». Journal Fur Mathematik-Didaktik, 1991, 12, 199-264.	1.5	5
21	Advanced Educational Technology: Knowledge Revisited. , 1996, , 1-20.		5
22	Proving and Knowing in Public. , 2010, , 40-64.		5
23	Symbolic Arithmetic vs Algebra the Core of a Didactical Dilemma. , 2001, , 249-260.		4
24	Une etude, a l'aide de graphes, de demonstrations mathematiques formulees par des eleves. Educational Studies in Mathematics, 1980, 11, 91-111.	2.8	3
25	Construction of meaning and teacher control of learning. , 1998, , 111-120.		3
26	Authenticity in Learning Game: How It Is Designed and Perceived. Lecture Notes in Computer Science, 2010, , 109-122.	1.3	2
27	A Forum for Researchers: What Is Research in Mathematics Education, and What Are Its Results?. Journal for Research in Mathematics Education, 1993, 24, 274-278.	1.8	2
28	ICME-6 report of the international group psychology of mathematics education. Educational Studies in Mathematics, 1990, 21, 193-197.	2.8	1
29	Proof Technology and Learning in Mathematics: Common Issues and Perspectives. Mathematics Education in the Digital Era, 2019, , 349-365.	0.4	1
30	Final Committee Report of Nato's Special Program for Advanced Educational Technology. Journal of Educational Technology Systems, 1994, 23, 91-153.	5.8	0
31	Some Reactions on some Reflections on the Phenomenon of French Didactique. Journal Fur Mathematik-Didaktik, 1997, 18, 81-83.	1.5	0
32	Concepções dos alunos. Educações Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 722-769.	0.1	0
33	argumentações matemática. Educações Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 770-815.	0.1	0
34	Controle, prova e demonstração. Educações Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 816-871.	0.1	0
35	devolução de um problema e a construção de uma conjectura, o caso da soma dos ângulos de um triângulo. Educações Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 872-950.	0.1	0
36	estudo dos processos de prova dos alunos no colégio. Educações Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 698-721.	0.1	0