

# Nicolas Balacheff

## List of Publications by Year in descending order

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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	Concepções dos alunos. Educação Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 722-769.	0.1	0
2	argumentação matemática. Educação Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 770-815.	0.1	0
3	Controle, prova e demonstração. Educação Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 816-871.	0.1	0
4	devolução de um problema e a construção de uma conjectura, o caso da soma dos ângulos de um triângulo. Educação Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 872-950.	0.1	0
5	estudo dos processos de prova dos alunos no colégio. Educação Matemática Pesquisa Revista Do Programa De Estudos Pós-Graduados Em Educação Matemática, 2022, 24, 698-721.	0.1	0
6	The instrumental deconstruction as a link between drawing and geometrical figure. Educational Studies in Mathematics, 2019, 100, 161-176.	2.8	10
7	Proof Technology and Learning in Mathematics: Common Issues and Perspectives. Mathematics Education in the Digital Era, 2019, , 349-365.	0.4	1
8	Establishing links between conceptions, argumentation and proof through the enriched Toulmin model. Journal of Mathematical Behavior, 2016, 41, 104-122.	0.9	42
9	Design Heuristics for Authentic Simulation-Based Learning Games. IEEE Transactions on Learning Technologies, 2014, 7, 132-141.	3.2	8
10	Multidisciplinarity vs. Multivocality, the case of "learning analytics". , 2013, , .		8
11	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
12	Authenticity in Learning Game: How It Is Designed and Perceived. Lecture Notes in Computer Science, 2010, , 109-122.	1.3	2
13	Bridging Knowing and Proving in Mathematics: A Didactical Perspective. , 2010, , 115-135.		25
14	Proving and Knowing in Public. , 2010, , 40-64.		5
15	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
16	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
17	Advances of the Semantic Web for e-learning: expanding learning frontiers. British Journal of Educational Technology, 2006, 37, 321-330.	6.3	44
18	Symbolic Arithmetic vs Algebra the Core of a Didactical Dilemma. , 2001, , 249-260.		4

#	ARTICLE	IF	CITATIONS
19	Didactical Complexity of Computational Environments for the Learning of Mathematics. International Journal of Computers for Mathematical Learning, 1999, 4, 1-26.	0.6	46
20	Construction of meaning and teacher control of learning. , 1998, , 111-120.		3
21	Some Reactions on some Reflections on the Phenomenon of French Didactique. Journal Fur Mathematik-Didaktik, 1997, 18, 81-83.	1.5	0
22	Computer-Based Learning Environments in Mathematics. , 1996, , 511-564.		23
23	Advanced Educational Technology: Knowledge Revisited. , 1996, , 1-20.		5
24	Final Committee Report of Nato's Special Program for Advanced Educational Technology. Journal of Educational Technology Systems, 1994, 23, 91-153.	5.8	0
25	Artificial Intelligence and Real Teaching. , 1993, , 131-158.		24
26	What Is Research in Mathematics Education, and What Are Its Results?. Journal for Research in Mathematics Education, 1993, 24, 274.	1.8	18
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	Teacher's role and reproducibility of didactical situations. Educational Studies in Mathematics, 1992, 23, 5-29.	2.8	44
29	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
30	Treatment of Refutations: Aspects of the Complexity of a Constructivist Approach to Mathematics Learning. , 1991, , 89-110.		44
31	ICME-6 report of the international group psychology of mathematics education. Educational Studies in Mathematics, 1990, 21, 193-197.	2.8	1
32	Towards a Problématique for Research on Mathematics Teaching. Journal for Research in Mathematics Education, 1990, 21, 258.	1.8	44
33	Towards a Problématique for Research on Mathematics Teaching. Journal for Research in Mathematics Education, 1990, 21, 258-272.	1.8	25
34	Tableur et calcul algébrique. Educational Studies in Mathematics, 1989, 20, 179-210.	2.8	10
35	Processus de preuve et situations de validation. Educational Studies in Mathematics, 1987, 18, 147-176.	2.8	170
36	Une étude, à l'aide de graphes, de démonstrations mathématiques formulées par des élèves. Educational Studies in Mathematics, 1980, 11, 91-111.	2.8	3