

# Reuven Babai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8249476/publications.pdf>

Version: 2024-02-01

16  
papers

330  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistence of the Intuitive Conception of Living Things in Adolescence. <i>Journal of Science Education and Technology</i> , 2010, 19, 20-26.	3.9	48
2	Overcoming intuitive interference in mathematics: insights from behavioral, brain imaging and intervention studies. <i>ZDM - International Journal on Mathematics Education</i> , 2010, 42, 621-633.	2.2	40
3	The Persistence of Solid and Liquid Naive Conceptions: A Reaction Time Study. <i>Journal of Science Education and Technology</i> , 2008, 17, 553-559.	3.9	39
4	Intuitive Interference in Probabilistic Reasoning. <i>International Journal of Science and Mathematics Education</i> , 2006, 4, 627-639.	2.5	35
5	A warning intervention improves students' ability to overcome intuitive interference. <i>ZDM - International Journal on Mathematics Education</i> , 2015, 47, 735-745.	2.2	28
6	PREACTIVATION OF INHIBITORY CONTROL MECHANISMS HINDERS INTUITIVE REASONING. <i>International Journal of Science and Mathematics Education</i> , 2012, 10, 763-775.	2.5	26
7	Are Intuitive Rules Universal?. <i>International Journal of Science and Mathematics Education</i> , 2006, 4, 417-436.	2.5	25
8	Complexity of Shapes and Quantitative Reasoning in Geometry. <i>Mind, Brain, and Education</i> , 2008, 2, 170-176.	1.9	25
9	Comparison of perimeters: improving students' performance by increasing the salience of the relevant variable. <i>ZDM - International Journal on Mathematics Education</i> , 2016, 48, 367-378.	2.2	22
10	THE EFFECT OF INTERVENTION ON ACCURACY OF STUDENTS' RESPONSES AND REACTION TIMES TO GEOMETRY PROBLEMS. <i>International Journal of Science and Mathematics Education</i> , 2010, 8, 185-201.	2.5	15
11	Several CASE Lessons Can Improve Students' Control of Variables Reasoning Scheme Ability. <i>Journal of Science Education and Technology</i> , 2009, 18, 439-446.	3.9	10
12	PIAGETIAN COGNITIVE LEVEL AND THE TENDENCY TO USE INTUITIVE RULES WHEN SOLVING COMPARISON TASKS. <i>International Journal of Science and Mathematics Education</i> , 2010, 8, 203-221.	2.5	7
13	Interventions aimed at overcoming intuitive interference: insights from brain-imaging and behavioral studies. <i>Cognitive Processing</i> , 2019, 20, 1-9.	1.4	5
14	Intuitive Interference in Geometry: An Eye-Tracking Study. <i>Mind, Brain, and Education</i> , 2020, 14, 155-166.	1.9	4
15	Interference in geometry among people who are blind. <i>Research in Developmental Disabilities</i> , 2020, 96, 103517.	2.2	1
16	Editorial: Neuro-cognitive Architecture of Numerical Cognition and Its Development. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 670460.	2.0	0