

# Maria Chiara Passolunghi

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

3,262  
citations

201674

27  
h-index

214800

47  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Memory, Working Memory, and Inhibitory Control in Children with Difficulties in Arithmetic Problem Solving. <i>Journal of Experimental Child Psychology</i> , 2001, 80, 44-57.	1.4	372
2	Working memory and access to numerical information in children with disability in mathematics. <i>Journal of Experimental Child Psychology</i> , 2004, 88, 348-367.	1.4	286
3	The precursors of mathematics learning: Working memory, phonological ability and numerical competence. <i>Cognitive Development</i> , 2007, 22, 165-184.	1.3	245
4	Maths anxiety in primary and secondary school students: Gender differences, developmental changes and anxiety specificity. <i>Learning and Individual Differences</i> , 2016, 48, 45-53.	2.7	205
5	Working memory and intrusions of irrelevant information in a group of specific poor problem solvers. <i>Memory and Cognition</i> , 1999, 27, 779-790.	1.6	187
6	Domain-specific and domain-general precursors of mathematical achievement: A longitudinal study from kindergarten to first grade. <i>British Journal of Educational Psychology</i> , 2012, 82, 42-63.	2.9	176
7	The relationship between working memory, IQ, and mathematical skills in children. <i>Learning and Individual Differences</i> , 2011, 21, 133-137.	2.7	170
8	Cognitive Abilities as Precursors of the Early Acquisition of Mathematical Skills During First Through Second Grades. <i>Developmental Neuropsychology</i> , 2008, 33, 229-250.	1.4	141
9	The Effect of Cue-Familiarity, Cue-Distinctiveness, and Retention Interval on Prospective Remembering. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 1994, 47, 565-587.	2.3	137
10	Math-related gender stereotypes and math-related beliefs in childhood and early adolescence. <i>Learning and Individual Differences</i> , 2014, 34, 70-76.	2.7	116
11	How is anxiety related to math performance in young students? A longitudinal study of Grade 2 to Grade 3 children. <i>Cognition and Emotion</i> , 2017, 31, 755-764.	2.0	99
12	Working Memory Failures in Children with Arithmetical Difficulties. <i>Child Neuropsychology</i> , 2008, 14, 387-400.	1.3	89
13	Spatial and visual working memory ability in children with difficulties in arithmetic word problem solving. <i>European Journal of Cognitive Psychology</i> , 2010, 22, 944-963.	1.3	85
14	Selective Spatial Working Memory Impairment in a Group of Children With Mathematics Learning Disabilities and Poor Problem-Solving Skills. <i>Journal of Learning Disabilities</i> , 2012, 45, 341-350.	2.2	84
15	Individual differences in memory updating in relation to arithmetic problem solving. <i>Learning and Individual Differences</i> , 2004, 14, 219-230.	2.7	80
16	Working memory and early numeracy training in preschool children. <i>Child Neuropsychology</i> , 2016, 22, 81-98.	1.3	77
17	Mathematics Anxiety, Working Memory, and Mathematics Performance in Secondary-School Children. <i>Frontiers in Psychology</i> , 2016, 7, 42.	2.1	72
18	A comparison of updating processes in children good or poor in arithmetic word problem-solving. <i>Learning and Individual Differences</i> , 2005, 15, 257-269.	2.7	71

#	ARTICLE	IF	CITATIONS
19	Naming speed and effortful and automatic inhibition in children with arithmetic learning disabilities. <i>Learning and Individual Differences</i> , 2009, 19, 170-180.	2.7	59
20	Selective Effect of Inhibition of Literal or Numerical Irrelevant Information in Children With Attention Deficit Hyperactivity Disorder (ADHD) or Arithmetic Learning Disorder (ALD). <i>Developmental Neuropsychology</i> , 2005, 28, 731-753.	1.4	47
21	Early numerical abilities and cognitive skills in kindergarten children. <i>Journal of Experimental Child Psychology</i> , 2015, 135, 25-42.	1.4	45
22	Cognitive and Emotional Factors in Children with Mathematical Learning Disabilities. <i>International Journal of Disability Development and Education</i> , 2011, 58, 61-73.	1.1	44
23	The contribution of general cognitive abilities and approximate number system to early mathematics. <i>British Journal of Educational Psychology</i> , 2014, 84, 631-649.	2.9	38
24	The relation between cognitive and emotional factors and arithmetic problem-solving. <i>Educational Studies in Mathematics</i> , 2019, 100, 271-290.	2.8	34
25	Math anxiety and math achievement: The effects of emotional and math strategy training. <i>Developmental Science</i> , 2020, 23, e12964.	2.4	33
26	Encoding Modality and Prospective Memory in Children. <i>International Journal of Behavioral Development</i> , 1995, 18, 631-648.	2.4	31
27	The interplay between affective and cognitive factors in shaping early proficiency in mathematics. <i>Trends in Neuroscience and Education</i> , 2017, 8-9, 28-36.	3.1	27
28	Response Inhibition and Interference Suppression in Individuals With Down Syndrome Compared to Typically Developing Children. <i>Frontiers in Psychology</i> , 2018, 9, 660.	2.1	27
29	Approximate additions and working memory in individuals with Down syndrome. <i>Research in Developmental Disabilities</i> , 2014, 35, 1027-1035.	2.2	24
30	Mathematical skills in children with dyslexia. <i>Learning and Individual Differences</i> , 2015, 40, 108-114.	2.7	19
31	Evaluation and training of Executive Functions in genocide survivors. The case of Yazidi children. <i>Developmental Science</i> , 2019, 22, e12798.	2.4	19
32	Difficulties of children with ADHD symptoms in solving mathematical problems when information must be updated. <i>Research in Developmental Disabilities</i> , 2016, 59, 186-193.	2.2	17
33	Exploring EFs and Math Abilities in Highly Deprived Contexts. <i>Frontiers in Psychology</i> , 2020, 11, 383.	2.1	13
34	Improving working memory abilities in individuals with Down syndrome: a treatment case study. <i>Frontiers in Psychology</i> , 2015, 6, 1331.	2.1	11
35	The relationship between math anxiety and arithmetic reasoning: The mediating role of working memory and self-competence. <i>Current Psychology</i> , 2023, 42, 14506-14516.	2.8	10
36	Improving approximate number sense abilities in preschoolers: PLUS games.. <i>School Psychology Quarterly</i> , 2017, 32, 497-508.	2.0	9

#	ARTICLE	IF	CITATIONS
37	Working Memory and Mathematical Learning. , 2019, , 407-421.		9
38	The interplay between math anxiety and working memory on math performance: a longitudinal study. Annals of the New York Academy of Sciences, 2022, 1510, 132-144.	3.8	9
39	Symbolic and non-symbolic number processing in children with developmental dyslexia. Learning and Individual Differences, 2017, 56, 105-111.	2.7	7
40	Is it a Small World After All? Investigating the Theoretical Structure of Working Memory Cross-Nationally. Journal of Cognition and Culture, 2017, 17, 331-353.	0.4	6
41	Meta-analysis on inhibition from childhood to young adulthood in people with Down syndrome. Research in Developmental Disabilities, 2021, 109, 103838.	2.2	6
42	The contributions of working memory domains and processes to early mathematical knowledge between preschool and first grade. Psychological Research, 2022, 86, 497-511.	1.7	6
43	Psychological well-being in childhood: The role of trait emotional intelligence, regulatory emotional self-efficacy, coping and general intelligence. Clinical Child Psychology and Psychiatry, 2021, 26, 1284-1297.	1.6	4
44	Exploring the effect of cool and hot EFs training in four-year-old children. European Journal of Developmental Psychology, 2021, 18, 731-746.	1.8	3
45	Mathematics Anxiety and Working Memory. , 2019, , 103-125.		3
46	Numerical Training Videos and Early Numerical Achievement: A Study on 3-Year-Old Preschoolers. Brain Sciences, 2022, 12, 88.	2.3	3
47	Executive functions, math anxiety and math performance in middle school students. British Journal of Developmental Psychology, 2022, 40, 438-452.	1.7	3
48	Convergent Evaluation of Working Memory and Arithmetic Ability in a Child with Autism Spectrum Disorder without Intellectual Impairment. Frontiers in Psychology, 2017, 8, 1278.	2.1	2
49	Inhibitory Dimensions and Delay of Gratification: A Comparative Study on Individuals with Down Syndrome and Typically Developing Children. Brain Sciences, 2021, 11, 636.	2.3	2
50	Inhibitory Abilities in Individuals with Down Syndrome: Investigation of Interference Suppression Using an Adapted Version of Navon Task. Developmental Neuropsychology, 2021, 46, 486-497.	1.4	0