Francesco Sella

List of Publications by Year
in descending order

36	715	623734 14	610901 24
papers	citations	h-index	g-index

40	40	40	835
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Knowledge of wealth shapes social impressions.. Journal of Experimental Psychology: Applied, 2022, 28, 205-236.	1.2	2
2	The structure of early numeracy: Evidence from multi-factorial models. Trends in Neuroscience and Education, 2022, 26, 100171.	3.1	6
3	The effect of parietal glutamate/GABA balance on test anxiety levels in early childhood in a cross-sectional and longitudinal study. Cerebral Cortex, 2022, 32, 3243-3253.	2.9	3
4	Training basic numerical skills in children with Down syndrome using the computerized game â€œThe Number Raceâ€. Scientific Reports, 2021, 11, 2087.	3.3	11
5	Parent-based training of basic number skills in children with Down syndrome using an adaptive computer game. Research in Developmental Disabilities, 2021, 112, 103919.	2.2	8
6	The impact of a lack of mathematical education on brain development and future attainment. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
7	When randomisation is not good enough: Matching groups in intervention studies. Psychonomic Bulletin and Review, 2021, 28, 2085-2093.	2.8	11
8	Predicting learning and achievement using GABA and glutamate concentrations in human development. PLoS Biology, 2021, 19, e3001325.	5.6	18
9	The emergence of childrenâ€™s natural number concepts: Current theoretical challenges. Child Development Perspectives, 2021, 15, 265.	3.9	10
10	Symbolic Number Ordering and its Underlying Strategies Examined Through Self-Reports. Journal of Cognition, 2021, 4, 25.	1.4	6
11	Making Sense of Number Words and Arabic Digits: Does Order Count More?. Child Development, 2020, 91, 1456-1470.	3.0	18
12	The knowledge of the preceding number reveals a mature understanding of the number sequence. Cognition, 2020, 194, 104104.	2.2	25
13	The interplay between spatial ordinal knowledge, linearity of number-space mapping, and arithmetic skills. Cognitive Development, 2020, 55, 100915.	1.3	6
14	Judging the order of numbers relies on familiarity rather than activating the mental number line. Acta Psychologica, 2020, 204, 103014.	1.5	15
15	Spatial order relates to the exact numerical magnitude of digits in young children. Journal of Experimental Child Psychology, 2019, 178, 385-404.	1.4	8
16	Strategy Selection in ADHD Characteristics Children: A Study in Arithmetic. Journal of Attention Disorders, 2019, 23, 87-98.	2.6	13
17	Modulating fluid intelligence performance through combined cognitive training and brain stimulation. Neuropsychologia, 2018, 118, 107-114.	1.6	49
18	What Expertise Can Tell About Mathematical Learning and Cognition. Mind, Brain, and Education, 2018, 12, 186-192.	1.9	10

#	Article	IF	Citations
19	Spatial and Verbal Routes to Number Comparison in Young Children. Frontiers in Psychology, 2018, 9, 776.	2.1	9
20	The Neurocognitive Architecture of Individual Differences in Math Anxiety in Typical Children. Scientific Reports, 2018, 8, 8500.	3.3	14
21	Who gains more: Experts or novices? The benefits of interaction under numerical uncertainty.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 1228-1239.	0.9	2
22	Mind the Brain: The Mediating and Moderating Role of Neurophysiology. Trends in Cognitive Sciences, 2017, 21, 2-5.	7.8	8
23	Modulating hemispheric lateralization by brain stimulation yields gain in mental and physical activity. Scientific Reports, 2017, 7, 13430.	3.3	13
24	Transcranial random noise stimulation and cognitive training to improve learning and cognition of the atypically developing brain: A pilot study. Scientific Reports, 2017, 7, 4633.	3.3	56
25	Preschool children use space, rather than counting, to infer the numerical magnitude of digits: Evidence for a spatial mapping principle. Cognition, 2017, 158, 56-67.	2.2	34
26	Transcranial Electrical Stimulation and Behavioral Change: The Intermediary Influence of the Brain. Frontiers in Human Neuroscience, 2017, 11, 112.	2.0	8
27	Spontaneous nonâ€verbal counting in toddlers. Developmental Science, 2016, 19, 329-337.	2.4	26
28	Basic and advanced numerical performances relate to mathematical expertise but are fully mediated by visuospatial skills.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 1458-1472.	0.9	55
29	Forecasting Longitudinal Growth in Children's Numerical Abilities. Journal of Neuroscience, 2016, 36, 646-648.	3.6	0
30	Training numerical skills with the adaptive videogame â€œThe Number Raceâ€: A randomized controlled trial on preschoolers. Trends in Neuroscience and Education, 2016, 5, 20-29.	3.1	56
31	Varieties of quantity estimation in children.. Developmental Psychology, 2015, 51, 758-770.	1.6	24
32	Enumeration skills in Down syndrome. Research in Developmental Disabilities, 2013, 34, 3798-3806.	2.2	43
33	Living on the edge: strategic and instructed slowing in the stop signal task. Psychological Research, 2013, 77, 204-210.	1.7	9
34	High Impactâ€Š=â€ŠHigh Statistical Standards? Not Necessarily So. PLoS ONE, 2013, 8, e56180.	2.5	64
35	Neuropsychology is nothing without control: A potential fallacy hidden in clinical studies. Cortex, 2012, 48, 353-355.	2.4	19
36	Using functional neuroimaging to test theories of cognition: A selective survey of studies from 2007 to 2011 as a contribution to the Decade of the Mind Initiative. Cortex, 2012, 48, 1247-1250.	2.4	20