

Mauro Pesenti

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

4,009
citations

117625

34
h-index

118850

62
g-index

68
all docs

68
docs citations

68
times ranked

2220
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the fronto-parietal cortex in prospective action judgments. <i>Scientific Reports</i> , 2021, 11, 7454.	3.3	5
2	Shifting attention in visuospatial short-term memory does not require oculomotor planning: Insight from congenital gaze paralysis. <i>Neuropsychologia</i> , 2021, 161, 107998.	1.6	2
3	Selective interference of hand posture with grasping capability estimation. <i>Experimental Brain Research</i> , 2021, , 1.	1.5	2
4	Semantic associations between arithmetic and space: Evidence from temporal order judgements. <i>Memory and Cognition</i> , 2020, 48, 361-369.	1.6	8
5	Exogenous covert shift of attention without the ability to plan eye movements. <i>Current Biology</i> , 2020, 30, R1032-R1033.	3.9	9
6	Spatial biases in mental arithmetic are independent of reading/writing habits: Evidence from French and Arabic speakers. <i>Cognition</i> , 2020, 200, 104262.	2.2	10
7	Effect of perceived length on numerosity estimation: Evidence from the Müller-Lyer illusion. <i>Quarterly Journal of Experimental Psychology</i> , 2018, 71, 2142-2151.	1.1	10
8	Time perception is not for the faint-hearted? Physiological arousal does not influence duration categorisation. <i>Cognitive Processing</i> , 2018, 19, 399-409.	1.4	9
9	Time course of overt attentional shifts in mental arithmetic: Evidence from gaze metrics. <i>Quarterly Journal of Experimental Psychology</i> , 2018, 71, 1009-1019.	1.1	27
10	Developmental Dyscalculia in Adults: Beyond Numerical Magnitude Impairment. <i>Journal of Learning Disabilities</i> , 2018, 51, 600-611.	2.2	19
11	Visual illusions modify object size estimates for prospective action judgements. <i>Neuropsychologia</i> , 2018, 117, 211-221.	1.6	6
12	Influence of finger and mouth action observation on random number generation: an instance of embodied cognition for abstract concepts. <i>Psychological Research</i> , 2017, 81, 538-548.	1.7	10
13	Impact of optokinetic stimulation on mental arithmetic. <i>Psychological Research</i> , 2017, 81, 840-849.	1.7	15
14	Shifts of spatial attention underlie numerical comparison and mental arithmetic: Evidence from a patient with right unilateral neglect. <i>Neuropsychology</i> , 2017, 31, 822-833.	1.3	19
15	Duration and numerical estimation in right brain-damaged patients with and without neglect: Lack of support for a mental time line. <i>British Journal of Psychology</i> , 2016, 107, 467-483.	2.3	15
16	Enhancing duration processing with parietal brain stimulation. <i>Neuropsychologia</i> , 2016, 85, 272-277.	1.6	12
17	Interference of lateralized distractors on arithmetic problem solving: a functional role for attention shifts in mental calculation. <i>Psychological Research</i> , 2016, 80, 640-651.	1.7	25
18	Evidence for the embodiment of space perception: concurrent hand but not arm action moderates reachability and egocentric distance perception. <i>Frontiers in Psychology</i> , 2015, 6, 862.	2.1	15

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19	Influence of biological kinematics on abstract concept processing. Quarterly Journal of Experimental Psychology, 2015, 68, 608-618.	1.1	13
20	Attentional Bias Induced by Solving Simple and Complex Addition and Subtraction Problems. Quarterly Journal of Experimental Psychology, 2014, 67, 1514-1526.	1.1	76
21	Causal role of spatial attention in arithmetic problem solving: Evidence from left unilateral neglect. Neuropsychologia, 2014, 60, 1-9.	1.6	38
22	Numbers reorient visuo-spatial attention during cancellation tasks. Experimental Brain Research, 2013, 225, 549-557.	1.5	11
23	Processing numerosity, length and duration in a three-dimensional Stroop-like task: towards a gradient of processing automaticity?. Psychological Research, 2013, 77, 116-127.	1.7	46
24	The neural network sustaining crossmodal integration is impaired in alcohol-dependence: An fMRI study. Cortex, 2013, 49, 1610-1626.	2.4	40
25	Spatial bias in symbolic and non-symbolic numerical comparison in neglect. Neuropsychologia, 2013, 51, 1925-1932.	1.6	18
26	A common metric magnitude system for the perception and production of numerosity, length, and duration. Frontiers in Psychology, 2013, 4, 449.	2.1	14
27	Neural correlates of the numerical distance effect in children. Frontiers in Psychology, 2013, 4, 663.	2.1	13
28	Influence of Gaze Observation on Random Number Generation. Experimental Psychology, 2013, 60, 122-130.	0.7	34
29	Selective Interference of Finger Movements on Basic Addition and Subtraction Problem Solving. Experimental Psychology, 2013, 60, 197-205.	0.7	41
30	Dissociation between numerosity and duration processing in aging and early Parkinson's disease. Neuropsychologia, 2012, 50, 2365-2370.	1.6	21
31	Number generation bias after action observation. Experimental Brain Research, 2012, 221, 43-49.	1.5	65
32	Contribution of the right intraparietal sulcus to numerosity and length processing: An fMRI-guided TMS study. Cortex, 2012, 48, 623-629.	2.4	82
33	Common substrate for mental arithmetic and finger representation in the parietal cortex. NeuroImage, 2012, 62, 1520-1528.	4.2	94
34	A common right fronto-parietal network for numerosity and duration processing: An fMRI study. Human Brain Mapping, 2012, 33, 1490-1501.	3.6	93
35	Role of distinct parietal areas in arithmetic: An fMRI-guided TMS study. NeuroImage, 2011, 54, 3048-3056.	4.2	91
36	Cross-modal interactions between human faces and voices involved in person recognition. Cortex, 2011, 47, 367-376.	2.4	93

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37	Finger Numeral Representations: More than Just Another Symbolic Code. <i>Frontiers in Psychology</i> , 2011, 2, 272.	2.1	72
38	Finger-Number Interaction. <i>Experimental Psychology</i> , 2011, 58, 287-292.	0.7	35
39	The neural origin of the priming distance effect: Distance-dependent recovery of parietal activation using symbolic magnitudes. <i>Human Brain Mapping</i> , 2010, 31, 669-677.	3.6	22
40	Let us redeploy attention to sensorimotor experience. <i>Behavioral and Brain Sciences</i> , 2010, 33, 283-284.	0.7	45
41	Creating number semantics through finger movement perception. <i>Cognition</i> , 2010, 115, 46-53.	2.2	171
42	Place and summation coding for canonical and non-canonical finger numeral representations. <i>Cognition</i> , 2010, 117, 95-100.	2.2	38
43	Mode-dependent and mode-independent representations of numerosity in the right intraparietal sulcus. <i>NeuroImage</i> , 2010, 52, 1677-1686.	4.2	40
44	Response-effect compatibility of finger-numeral configurations in arithmetical context. <i>Quarterly Journal of Experimental Psychology</i> , 2010, 63, 16-22.	1.1	50
45	Absence of Low-Level Visual Difference Between Canonical and Noncanonical Finger-Numeral Configurations. <i>Experimental Psychology</i> , 2010, 57, 202-207.	0.7	14
46	Common mistakes about numerical representations. <i>Behavioral and Brain Sciences</i> , 2009, 32, 346-347.	0.7	6
47	Common and specific contributions of the intraparietal sulci to numerosity and length processing. <i>Human Brain Mapping</i> , 2009, 30, 2466-2476.	3.6	70
48	Masked priming effect with canonical finger numeral configurations. <i>Experimental Brain Research</i> , 2008, 185, 27-39.	1.5	141
49	Dissociation of numerosity and duration processing in the left intraparietal sulcus: A transcranial magnetic stimulation study. <i>Cortex</i> , 2008, 44, 462-469.	2.4	102
50	Finger counting: The missing tool?. <i>Behavioral and Brain Sciences</i> , 2008, 31, 642-643.	0.7	95
51	Numerosity-Length Interference. <i>Experimental Psychology</i> , 2007, 54, 289-297.	0.7	48
52	Number magnitude potentiates action judgements. <i>Experimental Brain Research</i> , 2007, 180, 525-534.	1.5	76
53	Finger-digit compatibility in Arabic numeral processing. <i>Quarterly Journal of Experimental Psychology</i> , 2006, 59, 1648-1663.	1.1	162
54	Numerosity-duration interference: A Stroop experiment. <i>Acta Psychologica</i> , 2006, 121, 109-124.	1.5	205

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55	Task-independent semantic activation for numbers and animals. <i>Cognitive Brain Research</i> , 2005, 24, 284-290.	3.0	58
56	Number magnitude and grip aperture interaction. <i>NeuroReport</i> , 2004, 15, 2773-7.	1.2	94
57	Neural Correlates of Simple and Complex Mental Calculation. <i>NeuroImage</i> , 2001, 13, 314-327.	4.2	370
58	The Number Sense Theory Needs More Empirical Evidence. <i>Mind and Language</i> , 2001, 16, 76-88.	2.3	25
59	Mental calculation in a prodigy is sustained by right prefrontal and medial temporal areas. <i>Nature Neuroscience</i> , 2001, 4, 103-107.	14.8	166
60	Neuroanatomical Substrates of Arabic Number Processing, Numerical Comparison, and Simple Addition: A PET Study. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 461-479.	2.3	384
61	Number Processing and Calculation in A Case of Visual Agnosia. <i>Cortex</i> , 2000, 36, 377-400.	2.4	13
62	Noncommutability of The N + 0 Arithmetical Rule: A Case Study of Dissociated Impairment. <i>Cortex</i> , 2000, 36, 445-454.	2.4	25
63	Basic and Exceptional Calculation Abilities in a Calculating Prodigy: A Case Study. <i>Mathematical Cognition</i> , 1999, 5, 97-148.	0.4	27
64	Age-Related Differences in Random Generation. <i>Brain and Cognition</i> , 1998, 38, 1-16.	1.8	45
65	Selective Impairment as Evidence for Mental Organisation of Arithmetical Facts: BB, A Case of Preserved Subtraction?. <i>Cortex</i> , 1994, 30, 661-671.	2.4	117
66	Images of numbers, or "when 98 is upper left and 6 sky blue". <i>Cognition</i> , 1992, 44, 159-196.	2.2	180
67	A functional role for oculomotor preparation in mental arithmetic evidenced by the abducted eye paradigm. <i>Psychological Research</i> , 0, , .	1.7	0