

# Antonino Vallesi

## List of Publications by Year in descending order

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Version: 2024-02-01

124  
papers

3,533  
citations

126708

33  
h-index

174990

52  
g-index

131  
all docs

131  
docs citations

131  
times ranked

3431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Prefrontal Cortex in the Foreperiod Effect: TMS Evidence for Dual Mechanisms in Temporal Preparation. <i>Cerebral Cortex</i> , 2006, 17, 466-474.	1.6	188
2	An effect of spatial-temporal association of response codes: Understanding the cognitive representations of time. <i>Cognition</i> , 2008, 107, 501-527.	1.1	166
3	Effects of TMS on Different Stages of Motor and Non-Motor Verb Processing in the Primary Motor Cortex. <i>PLoS ONE</i> , 2009, 4, e4508.	1.1	154
4	Ageing, Cognitive Decline and Hearing Loss: Effects of Auditory Rehabilitation and Training with Hearing Aids and Cochlear Implants on Cognitive Function and Depression among Older Adults. <i>Audiology and Neuro-Otology</i> , 2016, 21, 21-28.	0.6	142
5	Developmental dissociations of preparation over time: Deconstructing the variable foreperiod phenomena.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2007, 33, 1377-1388.	0.7	110
6	Horizontal and vertical Simon effect: different underlying mechanisms?. <i>Cognition</i> , 2005, 96, B33-B43.	1.1	96
7	Overrecruitment in the Aging Brain as a Function of Task Demands: Evidence for a Compensatory View. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 801-815.	1.1	88
8	The neural basis of temporal preparation: Insights from brain tumor patients. <i>Neuropsychologia</i> , 2007, 45, 2755-2763.	0.7	85
9	When Time Shapes Behavior: fMRI Evidence of Brain Correlates of Temporal Monitoring. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1116-1126.	1.1	83
10	Ageing, Cognitive Load, Dementia and Hearing Loss. <i>Audiology and Neuro-Otology</i> , 2014, 19, 2-5.	0.6	74
11	Task Context and Frontal Lobe Activation in the Stroop Task. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 867-879.	1.1	72
12	Temporal preparation in aging: A functional MRI study. <i>Neuropsychologia</i> , 2009, 47, 2876-2881.	0.7	64
13	Organisation of executive functions: Hemispheric asymmetries. <i>Journal of Cognitive Psychology</i> , 2012, 24, 367-386.	0.4	64
14	Age-related differences in processing irrelevant information: Evidence from event-related potentials. <i>Neuropsychologia</i> , 2009, 47, 577-586.	0.7	63
15	Asymmetry in prefrontal resting-state EEG spectral power underlies individual differences in phasic and sustained cognitive control. <i>NeuroImage</i> , 2016, 124, 843-857.	2.1	62
16	Impairment of Response Inhibition Precedes Motor Alteration in the Early Stage of Liver Cirrhosis: A Behavioral and Electrophysiological Study. <i>Metabolic Brain Disease</i> , 2005, 20, 381-392.	1.4	56
17	Are simultaneous interpreters expert bilinguals, unique bilinguals, or both?. <i>Bilingualism</i> , 2017, 20, 403-417.	1.0	55
18	Targets and non-targets in the aging brain: A go/nogo event-related potential study. <i>Neuroscience Letters</i> , 2011, 487, 313-317.	1.0	52

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19	Cognitive association formation in episodic memory: Evidence from event-related potentials. <i>Neuropsychologia</i> , 2009, 47, 3162-3173.	0.7	51
20	Dissociating temporal preparation processes as a function of the inter-trial interval duration. <i>Cognition</i> , 2013, 127, 22-30.	1.1	51
21	Aberrant brain network connectivity in presymptomatic and manifest Huntington's disease: A systematic review. <i>Human Brain Mapping</i> , 2020, 41, 256-269.	1.9	50
22	How time modulates spatial responses. <i>Cortex</i> , 2011, 47, 148-156.	1.1	49
23	Spatiotemporal Neurodynamics Underlying Internally and Externally Driven Temporal Prediction: A High Spatial Resolution ERP Study. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 425-439.	1.1	48
24	Excessive sub-threshold motor preparation for non-target stimuli in normal aging. <i>NeuroImage</i> , 2010, 50, 1251-1257.	2.1	47
25	Functional dissociations in temporal preparation: Evidence from dual-task performance. <i>Cognition</i> , 2014, 130, 141-151.	1.1	46
26	Conflict resolution and adaptation in normal aging: The role of verbal intelligence and cognitive reserve.. <i>Psychology and Aging</i> , 2012, 27, 1018-1026.	1.4	45
27	Cultural modulations of space-time compatibility effects. <i>Psychonomic Bulletin and Review</i> , 2014, 21, 666-669.	1.4	41
28	Domain-independent neural underpinning of task-switching: An fMRI investigation. <i>Cortex</i> , 2015, 65, 173-183.	1.1	41
29	Spatiotemporally dissociable neural signatures for generating and updating expectation over time in children: A High Density-ERP study. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 98-106.	1.9	40
30	fMRI evidence of a functional network setting the criteria for withholding a response. <i>NeuroImage</i> , 2009, 45, 537-548.	2.1	39
31	Reward motivation and neurostimulation interact to improve working memory performance in healthy older adults: A simultaneous tDCS-fNIRS study. <i>NeuroImage</i> , 2019, 202, 116062.	2.1	39
32	fMRI investigation of speed-accuracy strategy switching. <i>Human Brain Mapping</i> , 2012, 33, 1677-1688.	1.9	38
33	Age differences in sustained attention tasks: A meta-analysis. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 1755-1775.	1.4	38
34	EEG-neurofeedback and executive function enhancement in healthy adults: A systematic review. <i>Psychophysiology</i> , 2021, 58, e13874.	1.2	37
35	Age effects on the asymmetry of the motor system: Evidence from cortical oscillatory activity. <i>Biological Psychology</i> , 2010, 85, 213-218.	1.1	36
36	Sequential congruency effects: disentangling priming and conflict adaptation. <i>Psychological Research</i> , 2012, 76, 591-600.	1.0	35

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37	Two networks involved in producing and realizing plans. <i>Neuropsychologia</i> , 2012, 50, 1521-1535.	0.7	35
38	Brain oscillations in cognitive control: A cross-sectional study with a spatial stroop task. <i>Neuropsychologia</i> , 2019, 133, 107190.	0.7	34
39	High cognitive reserve is associated with a reduced age-related deficit in spatial conflict resolution. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 327.	1.0	33
40	Bayesian modeling of temporal expectations in the human brain. <i>NeuroImage</i> , 2019, 202, 116097.	2.1	33
41	Top-down and bottom-up processes in the extrastriate cortex of cirrhotic patients: An ERP study. <i>Clinical Neurophysiology</i> , 2006, 117, 1728-1736.	0.7	29
42	Neural dissociation of automatic and controlled temporal preparation by transcranial magnetic stimulation. <i>Neuropsychologia</i> , 2014, 65, 131-136.	0.7	29
43	Electrophysiological correlates of the cognitive control processes underpinning mixing and switching costs. <i>Brain Research</i> , 2016, 1646, 160-173.	1.1	27
44	Domain-general Stroop Performance and Hemispheric Asymmetries: A Resting-state EEG Study. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 769-779.	1.1	27
45	Electroencephalographic correlates of temporal Bayesian belief updating and surprise. <i>NeuroImage</i> , 2021, 231, 117867.	2.1	25
46	Addressing the selective role of distinct prefrontal areas in response suppression: A study with brain tumor patients. <i>Neuropsychologia</i> , 2017, 100, 120-130.	0.7	24
47	Neuroanatomical substrates of foreperiod effects. , 2010, , 303-316.		24
48	Short-Term Memory Improvement After Simultaneous Interpretation Training. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 254-267.	0.8	23
49	Neuro-cognitive architecture of executive functions: A latent variable analysis. <i>Cortex</i> , 2019, 119, 441-456.	1.1	23
50	The interaction of process and domain in prefrontal cortex during inductive reasoning. <i>Neuropsychologia</i> , 2015, 67, 91-99.	0.7	22
51	Dissociating Explicit and Implicit Timing in Parkinson's Disease Patients: Evidence from Bisection and Foreperiod Tasks. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 17.	1.0	22
52	Prefrontal involvement in source memory: An electrophysiological investigation of accounts concerning confidence and accuracy. <i>Brain Research</i> , 2006, 1124, 111-125.	1.1	21
53	Theory of mind, empathy and neuropsychological functioning in X-linked Spinal and Bulbar Muscular Atrophy: a controlled study of 20 patients. <i>Journal of Neurology</i> , 2015, 262, 394-401.	1.8	21
54	Breakdown of specific functional brain networks in clinical variants of Alzheimer's disease. <i>Ageing Research Reviews</i> , 2021, 72, 101482.	5.0	21

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55	Language control is not a one-size-fits-all languages process: evidence from simultaneous interpretation students and the n-2 repetition cost. <i>Frontiers in Psychology</i> , 2015, 6, 1622.	1.1	19
56	Task-switching preparation across semantic and spatial domains: An event-related potential study. <i>Biological Psychology</i> , 2015, 110, 148-158.	1.1	19
57	Electrophysiological Evidence for Domain-General Processes in Task-Switching. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 124.	1.0	19
58	The Quest for Hemispheric Asymmetries Supporting and Predicting Executive Functioning. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1679-1697.	1.1	19
59	Decay of Stimulus Spatial Code in Horizontal and Vertical Simon Tasks. <i>Journal of General Psychology</i> , 2009, 136, 350-373.	1.6	17
60	Right fronto-parietal involvement in monitoring spatial trajectories. <i>NeuroImage</i> , 2011, 57, 558-564.	2.1	17
61	Individual Differences in Verbal and Spatial Stroop Tasks: Interactive Role of Handedness and Domain. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 545.	1.0	17
62	How Life Experience Shapes Cognitive Control Strategies: The Case of Air Traffic Control Training. <i>PLoS ONE</i> , 2016, 11, e0157731.	1.1	17
63	White matter and task-switching in young adults: A Diffusion Tensor Imaging study. <i>Neuroscience</i> , 2016, 329, 349-362.	1.1	15
64	The Effects of 8-Week Mindfulness-Based Stress Reduction Program on Cognitive Control: an EEG Study. <i>Mindfulness</i> , 2020, 11, 756-770.	1.6	15
65	Quality of sleep predicts increased frontoparietal network connectivity in patients with mild cognitive impairment. <i>Neurobiology of Aging</i> , 2020, 95, 205-213.	1.5	15
66	Functional Interplay Between Posterior Parietal Cortex and Hippocampus During Detection of Memory Targets and Non-targets. <i>Frontiers in Neuroscience</i> , 2020, 14, 563768.	1.4	15
67	Age-related differences in transfer costs: Evidence from go/nogo tasks.. <i>Psychology and Aging</i> , 2010, 25, 963-967.	1.4	14
68	Speed-accuracy strategy regulations in prefrontal tumor patients. <i>Neuropsychologia</i> , 2016, 82, 1-10.	0.7	14
69	Behavioral and electrophysiological correlates of cognitive control in ex-obese adults. <i>Biological Psychology</i> , 2017, 127, 198-208.	1.1	14
70	Natural oscillation frequencies in the two lateral prefrontal cortices induced by Transcranial Magnetic Stimulation. <i>NeuroImage</i> , 2021, 227, 117655.	2.1	14
71	Monitoring mechanisms in visual search: An fMRI study. <i>Brain Research</i> , 2014, 1579, 65-73.	1.1	13
72	Modulating speed-accuracy strategies in major depression. <i>Journal of Psychiatric Research</i> , 2015, 60, 103-108.	1.5	13

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73	Testing the domain-general nature of monitoring in the spatial and verbal cognitive domains. <i>Neuropsychologia</i> , 2016, 89, 83-95.	0.7	13
74	Asymmetry of the frontal aslant tract is associated with lexical decision. <i>Brain Structure and Function</i> , 2020, 225, 1009-1017.	1.2	13
75	The role of limbic structures in financial abilities of mild cognitive impairment patients. <i>NeuroImage: Clinical</i> , 2020, 26, 102222.	1.4	13
76	Understanding and Imitating Unfamiliar Actions: Distinct Underlying Mechanisms. <i>PLoS ONE</i> , 2012, 7, e46939.	1.1	12
77	Possible Role of Dorsolateral Prefrontal Cortex in Error Awareness: Single-Pulse TMS Evidence. <i>Frontiers in Neuroscience</i> , 2018, 12, 179.	1.4	12
78	Repetitive TMS over the left dorsolateral prefrontal cortex modulates the error positivity: An ERP study. <i>Neuropsychologia</i> , 2019, 133, 107153.	0.7	12
79	Cognitive brakes in interference resolution: A mouse-tracking and EEG co-registration study. <i>Cortex</i> , 2020, 133, 188-200.	1.1	12
80	Efficacy of a Training on Executive Functions in Potentiating Rehabilitation Effects in Stroke Patients. <i>Brain Sciences</i> , 2021, 11, 1002.	1.1	12
81	Brain oscillatory activity associated with switch and mixing costs during reactive control. <i>Psychophysiology</i> , 2020, 57, e13642.	1.2	11
82	On the utility of the trail making test in migraine with and without aura: a meta-analysis. <i>Journal of Headache and Pain</i> , 2020, 21, 63.	2.5	11
83	The Neural Bases of Event Monitoring across Domains: a Simultaneous ERP-fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 376.	1.0	10
84	Fronto-parietal homotopy in resting-state functional connectivity predicts task-switching performance. <i>Brain Structure and Function</i> , 2022, 227, 655-672.	1.2	10
85	Depressed mood, brooding rumination and affective interference: The moderating role of heart rate variability. <i>International Journal of Psychophysiology</i> , 2021, 165, 47-55.	0.5	10
86	The causal role of DLPFC top-down control on the acquisition and the automatic expression of implicit learning: State of the art. <i>Cortex</i> , 2021, 141, 293-310.	1.1	10
87	Mental time line distortion in right-brain-damaged patients: Evidence from a dynamic spatiotemporal task.. <i>Neuropsychologia</i> , 2016, 30, 338-345.	1.0	10
88	Functional mapping of left parietal areas involved in simple addition and multiplication. A singleâ€œcase study of qualitative analysis of errors. <i>Journal of Neuropsychology</i> , 2015, 9, 330-335.	0.6	9
89	Dual-task costs in aging are predicted by formal education. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 959-964.	1.4	9
90	Focal left prefrontal lesions and cognitive impairment: A multivariate lesion-symptom mapping approach. <i>Neuropsychologia</i> , 2020, 136, 107253.	0.7	9

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91	Right-lateralized intrinsic brain dynamics predict monitoring abilities. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 294-308.	1.0	9
92	Transcranial magnetic stimulation treatment in Alzheimer's disease: a meta-analysis of its efficacy as a function of protocol characteristics and degree of personalization. <i>Journal of Neurology</i> , 2022, 269, 5283-5301.	1.8	9
93	Editorial: Intra- and Inter-individual Variability of Executive Functions: Determinant and Modulating Factors in Healthy and Pathological Conditions. <i>Frontiers in Psychology</i> , 2019, 10, 432.	1.1	8
94	Striatal connectivity in pre-manifest Huntington's disease is differentially affected by disease burden. <i>European Journal of Neurology</i> , 2020, 27, 2147-2157.	1.7	8
95	Heritability of brain resilience to perturbation in humans. <i>NeuroImage</i> , 2021, 235, 118013.	2.1	7
96	Decoding rule search domain in the left inferior frontal gyrus. <i>PLoS ONE</i> , 2018, 13, e0194054.	1.1	7
97	Enhanced Neural Empathic Responses in Patients with Spino-Bulbar Muscular Atrophy: An Electrophysiological Study. <i>Brain Sciences</i> , 2021, 11, 16.	1.1	7
98	Impairment in Flexible Regulation of Speed and Accuracy in Children with ADHD. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 1016-1020.	1.2	6
99	The Virtual Tray of Objects Task as a novel method to electrophysiologically measure visuo-spatial recognition memory. <i>International Journal of Psychophysiology</i> , 2015, 98, 477-489.	0.5	6
100	Structural hemispheric asymmetries underlie verbal Stroop performance. <i>Behavioural Brain Research</i> , 2017, 335, 167-173.	1.2	6
101	Older Adults With Hearing Loss Have Reductions in Visual, Motor and Attentional Functioning. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 351.	1.7	6
102	General Slowing and Education Mediate Task Switching Performance Across the Life-Span. <i>Frontiers in Psychology</i> , 2018, 9, 630.	1.1	5
103	Subjective experience of time in dementia with Lewy bodies during COVID-19 lockdown. <i>Current Psychology</i> , 2023, 42, 4653-4662.	1.7	5
104	Neural correlates of inference-driven attention in perceptual and symbolic tasks: An event-related potential study. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 1805-1831.	0.6	4
105	Connectivity between ventromedial prefrontal cortex and posterior superior temporal sulcus. <i>Cognitive Neuroscience</i> , 2016, 7, 24-25.	0.6	4
106	Mind-Matter Interactions and the Frontal Lobes of the Brain: A Novel Neurobiological Model of Psi Inhibition. <i>Explore: the Journal of Science and Healing</i> , 2018, 14, 76-85.	0.4	4
107	Monitoring Processes in Visual Search Enhanced by Professional Experience: The Case of Orange Quality-Control Workers. <i>Frontiers in Psychology</i> , 2018, 9, 145.	1.1	4
108	Effect of Modified-Release Methylphenidate on Cognition in Children with ADHD: Evidence from a Temporal Preparation Task. <i>Timing and Time Perception</i> , 2016, 4, 207-222.	0.4	3

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109	Rule Perseveration during Task-Switching in Brain Tumor: A Severe Form of Task-Setting Impairment. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1766-1783.	1.1	2
110	Topographical functional correlates of interindividual differences in executive functions in young healthy twins. <i>Brain Structure and Function</i> , 2022, 227, 49-62.	1.2	2
111	226 Motor impairment in patients with minimal hepatic encephalopathy evaluated by the lateralized readiness potential. <i>Journal of Hepatology</i> , 2004, 40, 72.	1.8	1
112	The Role of Motivation and Anxiety on Error Awareness in Younger and Older Adults. <i>Frontiers in Psychiatry</i> , 2021, 12, 567718.	1.3	1
113	TMS on Prefrontal Cortex Influences Temporal Orienting but not Preparation Guided by Rhythms. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 40.	0.5	0
114	Functional MRI and calculation processing: considerations on preliminary experience about intra-operative validation by electro-stimulation. <i>Neurological Sciences</i> , 2015, 36, 1729-1731.	0.9	0
115	ISDN2014_0308: Socioeconomic neurogradients of attention. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 93-94.	0.7	0
116	Plastic Surgery Treatment of Post-bariatric Patients Cannot Remain "brainless". <i>European Psychiatry</i> , 2017, 41, S636-S636.	0.1	0
117	Sleep-dependent association between atrophy and functional connectivity in mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020, 16, e040387.	0.4	0
118	Self-reported quality of sleep is related to frontoparietal network connectivity in mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020, 16, e041835.	0.4	0
119	Progressive macrographia for block letter writing: A case study. <i>Cortex</i> , 2021, 144, 56-69.	1.1	0
120	The Case of Air Traffic Control. , 2017, , 293-303.		0
121	Electroencephalographic Correlates of Temporal Bayesian Belief Updating and Surprise. , 2019, , .		0
122	Maybe causal, but still cautious: Reply to "Cautious or causal? Key implicit sequence learning paradigms should not be overlooked when assessing the role of DLPFC (Commentary on Prutean) Tj ETQq0 0 0 rgBT.1 Overlook 10 Tf 50		0
123	Cognitive control strategies in hearing impairment: a study with the AX-CPT. <i>Hearing, Balance and Communication</i> , 0, , 1-8.	0.1	0
124	Impaired cognitive control in patients with brain tumors. <i>Neuropsychologia</i> , 2022, 169, 108187.	0.7	0