

# Patrizia S Bisiacchi

## List of Publications by Year in descending order

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114  
papers

3,336  
citations

109321

35  
h-index

175258

52  
g-index

119  
all docs

119  
docs citations

119  
times ranked

4060  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is interhemispheric transfer of visuomotor information asymmetric? Evidence from a meta-analysis. <i>Neuropsychologia</i> , 1991, 29, 1163-1177.	1.6	312
2	Neural bases of prospective memory: A meta-analysis and the "Attention to Delayed Intention" (AtoDI) model. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 52, 21-37.	6.1	142
3	The role of dual-task and task-switch in prospective memory: Behavioural data and neural correlates. <i>Neuropsychologia</i> , 2009, 47, 1362-1373.	1.6	100
4	Selective activation of the superior frontal gyrus in task-switching: An event-related fNIRS study. <i>NeuroImage</i> , 2008, 42, 945-955.	4.2	91
5	Improving the Inhibitory Control Task to Detect Minimal Hepatic Encephalopathy. <i>Gastroenterology</i> , 2010, 139, 510-518.e2.	1.3	85
6	Low-frequency rTMS inhibitory effects in the primary motor cortex: Insights from TMS-evoked potentials. <i>NeuroImage</i> , 2014, 98, 225-232.	4.2	80
7	It's a Matter of Mind! Cognitive Functioning Predicts the Athletic Performance in Ultra-Marathon Runners. <i>PLoS ONE</i> , 2015, 10, e0132943.	2.5	76
8	The effect of aging on auditory components of event-related brain potentials. <i>Clinical Neurophysiology</i> , 2008, 119, 1795-1802.	1.5	75
9	The role of prefrontal cortex in visuo-spatial planning: a repetitive TMS study. <i>Experimental Brain Research</i> , 2006, 171, 411-415.	1.5	73
10	Value and Efficacy of Transcranial Direct Current Stimulation in the Cognitive Rehabilitation: A Critical Review Since 2000. <i>Frontiers in Neuroscience</i> , 2016, 10, 157.	2.8	73
11	Automatic Temporal Expectancy: A High-Density Event-Related Potential Study. <i>PLoS ONE</i> , 2013, 8, e62896.	2.5	67
12	Montreal Cognitive Assessment (MoCA) and Mini-Mental State Examination (MMSE) performance in progressive supranuclear palsy and multiple system atrophy. <i>Journal of Neural Transmission</i> , 2016, 123, 1435-1442.	2.8	61
13	Adult age differences, response management, and cue focality in event-based prospective memory: A meta-analysis on the role of task order specificity.. <i>Psychology and Aging</i> , 2013, 28, 714-720.	1.6	58
14	Gender differences in visuospatial planning: An eye movements study. <i>Behavioural Brain Research</i> , 2010, 206, 177-183.	2.2	57
15	Cortical auditory processing in preterm newborns: An ERP study. <i>Biological Psychology</i> , 2009, 82, 176-185.	2.2	55
16	Double-blind Randomized Trial of DCS Versus Sham in Parkinson Patients With Mild Cognitive Impairment Receiving Cognitive Training. <i>Brain Stimulation</i> , 2015, 8, 1223-1225.	1.6	55
17	Neuropsychological Performance 10 Years After Immunization in Infancy With Thimerosal-Containing Vaccines. <i>Pediatrics</i> , 2009, 123, 475-482.	2.1	52
18	Naming disorders and semantic representations. <i>Journal of Psycholinguistic Research</i> , 1992, 21, 349-364.	1.3	50

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19	Selective deficit of conceptual structures in aphasia: Class versus thematic relations. <i>Brain and Language</i> , 1980, 10, 243-248.	1.6	49
20	Impairment in Processing Meaningless Verbal Material in Several Modalities: The Relationship between Short-term Memory and Phonological Skills. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 1989, 41, 293-319.	2.3	49
21	Planning times during traveling salesman's problem: Differences between closed head injury and normal subjects. <i>Brain and Cognition</i> , 2001, 46, 38-42.	1.8	49
22	The time course of temporal discrimination: An ERP study. <i>Clinical Neurophysiology</i> , 2010, 121, 43-52.	1.5	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.	2.3	48
24	Cognitive impairment in people with previous COVID-19 infection: A scoping review. <i>Cortex</i> , 2022, 154, 212-230.	2.4	46
25	Left-Handedness in Fencers: An Attentional Advantage?. <i>Perceptual and Motor Skills</i> , 1985, 61, 507-513.	1.3	45
26	Interplay between memory and executive functions in normal and pathological aging. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2008, 30, 723-733.	1.3	44
27	Functional hemispheric asymmetries in humans: electrophysiological evidence from preterm infants. <i>European Journal of Neuroscience</i> , 2010, 31, 565-574.	2.6	43
28	A novel method for the determination of the EEG individual alpha frequency. <i>NeuroImage</i> , 2012, 60, 774-786.	4.2	43
29	Neurocognitive development in preterm infants: Insights from different approaches. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 536-555.	6.1	42
30	The Effects of Focal and Nonfocal Cues on the Neural Correlates of Prospective Memory: Insights From ERPs. <i>Cerebral Cortex</i> , 2014, 24, 2630-2646.	2.9	42
31	TMS-evoked long-lasting artefacts: A new adaptive algorithm for EEG signal correction. <i>Clinical Neurophysiology</i> , 2017, 128, 1563-1574.	1.5	41
32	Differential effects of emotional cues on components of prospective memory: an ERP study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 10.	2.0	40
33	Effects of cue focality on the neural mechanisms of prospective memory: A meta-analysis of neuroimaging studies. <i>Scientific Reports</i> , 2016, 6, 25983.	3.3	40
34	Left-right asymmetry of callosal transfer in normal human subjects. <i>Behavioural Brain Research</i> , 1994, 64, 173-178.	2.2	38
35	Effects of 10â€‰%Hz and 20â€‰%Hz Transcranial Alternating Current Stimulation on Automatic Motor Control. <i>Brain Stimulation</i> , 2016, 9, 518-524.	1.6	37
36	The Neuropsychological Profile of Infantile Duchenne Muscular Dystrophy. <i>Clinical Neuropsychologist</i> , 2011, 25, 1359-1377.	2.3	36

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37	Electrophysiological Correlates of Strategic Monitoring in Event-Based and Time-Based Prospective Memory. PLoS ONE, 2012, 7, e31659.	2.5	36
38	Theta and alpha oscillations as signatures of internal and external attention to delayed intentions: A magnetoencephalography (MEG) study. NeuroImage, 2020, 205, 116295.	4.2	36
39	Time-on-Task in Children with ADHD: An ex-Gaussian Analysis. Journal of the International Neuropsychological Society, 2013, 19, 820-828.	1.8	35
40	Modulation of a fronto-parietal network in event-based prospective memory: An rTMS study. Neuropsychologia, 2011, 49, 2225-2232.	1.6	31
41	Neural underpinnings of the "agent brain": new evidence from transcranial direct current stimulation. European Journal of Neuroscience, 2015, 42, 1889-1894.	2.6	31
42	Neural dissociation of automatic and controlled temporal preparation by transcranial magnetic stimulation. Neuropsychologia, 2014, 65, 131-136.	1.6	29
43	Action and Object Naming in Physiological Aging: An rTMS Study. Frontiers in Aging Neuroscience, 2010, 2, 151.	3.4	28
44	Age-related differences in the neural correlates of remembering time-based intentions. Neuropsychologia, 2012, 50, 2692-2704.	1.6	26
45	Female gender doubles executive dysfunction risk in ALS: a case-control study in 165 patients. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 574-579.	1.9	26
46	Asymmetric Dopamine Transporter Loss Affects Cognitive and Motor Progression in Parkinson's Disease. Movement Disorders, 2021, 36, 2303-2313.	3.9	26
47	Effect of duration of breastfeeding on neuropsychological development at 10 to 12 years of age in a cohort of healthy children. Developmental Medicine and Child Neurology, 2012, 54, 843-848.	2.1	25
48	Mass and Count nouns activate different brain regions: An ERP study on early components. Neuroscience Letters, 2008, 430, 48-53.	2.1	24
49	Aging and prospective memory: the role of working memory and monitoring processes. Aging Clinical and Experimental Research, 2008, 20, 569-577.	2.9	24
50	Intentional binding effect in children: insights from a new paradigm. Frontiers in Human Neuroscience, 2014, 8, 651.	2.0	24
51	Static and Dynamic Postural Changes after a Mountain Ultra-Marathon of 80 km and 5500 D+. PLoS ONE, 2016, 11, e0155085.	2.5	23
52	Neuropsychological tools to predict conversion from amnesic mild cognitive impairment to dementia. The TREDEM Registry. Aging, Neuropsychology, and Cognition, 2018, 25, 550-560.	1.3	22
53	The effect of age, educational level, gender and cognitive reserve on visuospatial working memory performance across adult life span. Aging, Neuropsychology, and Cognition, 2020, 27, 302-319.	1.3	22
54	Cognitive Functions and Cognitive Reserve in Relation to Blood Pressure Components in a Population-Based Cohort Aged 53 to 94 Years. International Journal of Hypertension, 2012, 2012, 1-8.	1.3	20

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55	Spectral analysis highlight developmental EEG changes in preterm infants without overt brain damage. <i>Neuroscience Letters</i> , 2017, 649, 112-115.	2.1	20
56	Structural and functional brain asymmetries in the early phases of life: a scoping review. <i>Brain Structure and Function</i> , 2022, 227, 479-496.	2.3	19
57	Auditory processing during sleep in preterm infants: An event related potential study. <i>Early Human Development</i> , 2010, 86, 807-812.	1.8	18
58	The Syntactic and Semantic Processing of Mass and Count Nouns: An ERP Study. <i>PLoS ONE</i> , 2011, 6, e25885.	2.5	18
59	Age-related decline in attentional shifting: Evidence from ERPs. <i>Neuroscience Letters</i> , 2013, 556, 129-134.	2.1	18
60	Insight into the relationship between brain/behavioral speed and variability in patients with minimal hepatic encephalopathy. <i>Clinical Neurophysiology</i> , 2014, 125, 287-297.	1.5	18
61	Testâ€retest consistency of Virtual Week: A task to investigate prospective memory. <i>Neuropsychological Rehabilitation</i> , 2015, 25, 419-447.	1.6	18
62	Neonatal spectral EEG is prognostic of cognitive abilities at school age in premature infants without overt brain damage. <i>European Journal of Pediatrics</i> , 2021, 180, 909-918.	2.7	18
63	Neonatal Cortical Auditory Evoked Potentials Are Affected by Clinical Conditions Occurring in Early Prematurity. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 419-423.	1.7	17
64	Does executive control really play a crucial role in explaining age-related cognitive and neural differences?. <i>Neuropsychology</i> , 2013, 27, 378-389.	1.3	16
65	Natural oscillation frequencies in the two lateral prefrontal cortices induced by Transcranial Magnetic Stimulation. <i>NeuroImage</i> , 2021, 227, 117655.	4.2	14
66	Left hemisphere superiority for visuospatial functions in left-handers. <i>Behavioural Brain Research</i> , 1988, 30, 183-192.	2.2	13
67	Mass and count nouns show distinct EEG cortical processes during an explicit semantic task. <i>Brain and Language</i> , 2005, 95, 98-99.	1.6	13
68	Superior parietal cortex and the attention to delayed intention: An rTMS study. <i>Neuropsychologia</i> , 2017, 95, 130-135.	1.6	13
69	Intentional binding as a marker of agency across the lifespan. <i>Consciousness and Cognition</i> , 2017, 52, 104-114.	1.5	12
70	Acquired Stuttering: A Motor Programming Disorder?. <i>European Neurology</i> , 1988, 28, 321-325.	1.4	11
71	Sociocognitive Factors Associated with Nonadherence to Medication After Hospital Discharge. <i>Behavioral Medicine</i> , 2010, 36, 100-107.	1.9	11
72	An EEGLAB plugin to analyze individual EEG alpha rhythms using the â€œchannel reactivity-based methodâ€. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 113, 853-861.	4.7	11

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73	The Influence of Emotional Material on Encoding and Retrieving Intentions: An ERP Study in Younger and Older Adults. <i>Frontiers in Psychology</i> , 2018, 9, 114.	2.1	11
74	Detecting neurodevelopmental trajectories in congenital heart diseases with a machine-learning approach. <i>Scientific Reports</i> , 2021, 11, 2574.	3.3	11
75	Does predictability matter? Effects of cue predictability on neurocognitive mechanisms underlying prospective memory. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 188.	2.0	10
76	Acute hyperammonaemia induces a sustained decrease in vigilance, which is modulated by caffeine. <i>Metabolic Brain Disease</i> , 2015, 30, 143-149.	2.9	10
77	Face name repetition priming in semantic dementia: A case report. <i>Brain and Cognition</i> , 2009, 70, 231-237.	1.8	9
78	The impact of a concurrent motor task on auditory and visual temporal discrimination tasks. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 742-748.	1.3	9
79	Impaired cognitive processing speed in type 1 diabetic patients who had severe/recurrent hypoglycaemia. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 1040-1045.	2.3	9
80	Electroencephalographic functional connectivity in extreme prematurity: a pilot study based on graph theory. <i>Pediatric Research</i> , 2020, 87, 753-759.	2.3	9
81	Deconstructing Dravet syndrome neurocognitive development: A scoping review. <i>Epilepsia</i> , 2021, 62, 874-887.	5.1	9
82	Visuospatial planning in the travelling salesperson problem: A connectionist account of normal and impaired performance. <i>Cognitive Neuropsychology</i> , 2008, 25, 194-217.	1.1	8
83	Failure of hearing screening in high-risk neonates does not increase parental anxiety. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 932-935.	1.5	8
84	Cognitive Functions across the GNB3C825TPolymorphism in an Elderly Italian Population. <i>Neurology Research International</i> , 2013, 2013, 1-9.	1.3	8
85	Ketonemia and Glycemia Affect Appetite Levels and Executive Functions in Overweight Females During Two Ketogenic Diets. <i>Obesity</i> , 2020, 28, 1868-1877.	3.0	8
86	Handedness effects on interhemispheric transfer time: A TMS study. <i>Brain Research Bulletin</i> , 2006, 70, 228-232.	3.0	7
87	Transcranial Direct Current Stimulation (tDCS) of the Anterior Prefrontal Cortex (aPFC) Modulates Reinforcement Learning and Decision-Making Under Uncertainty: a Double-Blind Crossover Study. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 318-326.	1.6	7
88	Assessing inter- and intra-individual cognitive variability in patients at risk for cognitive impairment: the case of minimal hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2014, 29, 945-953.	2.9	6
89	Early markers of neural dysfunction and compensation: A model from minimal hepatic encephalopathy. <i>Clinical Neurophysiology</i> , 2014, 125, 1138-1144.	1.5	6
90	Diagnosis and Treatment of Developmental Dyslexia and Specific Learning Disabilities: Primum Non Nocere. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2019, 40, 558-562.	1.1	6

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91	Resting-state functional brain connectivity predicts cognitive performance: An exploratory study on a time-based prospective memory task. <i>Behavioural Brain Research</i> , 2021, 402, 113130.	2.2	6
92	Unimanual tapping during concurrent articulation: Examining the role of cortical structures in the execution of programmed movement sequences. <i>Brain and Cognition</i> , 1990, 13, 59-76.	1.8	5
93	Spatial Sustained Attention: Better Focused Than Divided?. <i>Perceptual and Motor Skills</i> , 1991, 72, 617-618.	1.3	5
94	Assessing passionate love: Italian validation of the PLS (reduced version). <i>Sexual and Relationship Therapy</i> , 2020, 35, 77-88.	1.2	5
95	Romantic love affects emotional processing of love-unrelated stimuli: An EEG/ERP study using a love induction task. <i>Brain and Cognition</i> , 2021, 151, 105733.	1.8	5
96	Dual-tasking effects on static and dynamic postural balance performance: a comparison between endurance and team sport athletes. <i>PeerJ</i> , 2020, 8, e9765.	2.0	5
97	Subclinical executive function impairment in children with asymptomatic, treated phenylketonuria: A comparison with children with immunodeficiency virus. <i>Cognitive Neuropsychology</i> , 2018, 35, 200-208.	1.1	4
98	Deficits in prospective memory following damage to the medial subdivision of the mediodorsal thalamic nucleus. <i>Journal of Neuropsychology</i> , 2019, 13, 398-416.	1.4	4
99	Long-Term Outcomes after Neonatal Hypoxic-Ischemic Encephalopathy in the Era of Therapeutic Hypothermia: A Longitudinal, Prospective, Multicenter Case-Control Study in Children without Overt Brain Damage. <i>Children</i> , 2021, 8, 1076.	1.5	4
100	Semantic access processing in a supra-modal deficit: A single case study. <i>Brain and Cognition</i> , 2003, 53, 202-206.	1.8	3
101	Embrace the Complexity: Agnostic Evaluation of Children's Neuropsychological Performances Reveals Hidden Neurodevelopment Patterns. <i>Children</i> , 2022, 9, 775.	1.5	3
102	Time perception in childhood absence epilepsy: Findings from a pilot study. <i>Epilepsy and Behavior</i> , 2019, 99, 106460.	1.7	2
103	The colours of love: facial thermal reactions of people thinking about their lovers. <i>Psychology and Sexuality</i> , 2022, 13, 201-212.	1.9	2
104	Anxiety predicts impulsive-compulsive behaviours in Parkinson's disease: Clinical relevance and theoretical implications. <i>Journal of Psychiatric Research</i> , 2022, 148, 220-229.	3.1	2
105	The impact of sensory modality on prospective memory: Differences between visual and auditory processing. <i>Quarterly Journal of Experimental Psychology</i> , 2023, 76, 1086-1097.	1.1	2
106	Progressive knowledge loss: A longitudinal case study. <i>Journal of the International Neuropsychological Society</i> , 2006, 12, 275-284.	1.8	1
107	147 INHIBITORY CONTROL TASK: FOCUS ON THE DETECTION OF MINIMAL HEPATIC ENCEPHALOPATHY. <i>Journal of Hepatology</i> , 2010, 52, S65-S66.	3.7	1
108	Comparison of temporal judgments in sighted and visually impaired children. <i>Research in Developmental Disabilities</i> , 2019, 95, 103499.	2.2	1

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109	TaSCA, an Agile Survey on Chemosensory Impairments for Self-Monitoring of COVID-19 Patients: A Pilot Study. <i>Frontiers in Neurology</i> , 2021, 12, 633574.	2.4	1
110	Time Perception and Aging. , 2016, , 1-8.		1
111	Successful and Unsuccessful Strategies of Search in Auditory Memory. <i>Perceptual and Motor Skills</i> , 1980, 51, 333-334.	1.3	0
112	When does right functional hemispheric lateralization arise? Evidence from preterm infants. <i>Nature Precedings</i> , 2009, , .	0.1	0
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	P2â€³10: Neuropsychological Tools to Predict Conversion from Amnestic Mild Cognitive Impairment to Dementia: The Tredem Registry. <i>Alzheimer's and Dementia</i> , 2016, 12, P755.	0.8	0