

Eraldo Paulesu

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117 papers	12,357 citations	45 h-index	111 g-index
124 ext. papers	13,709 ext. citations	6.9 avg, IF	5.75 L-index

#	Paper	IF	Citations
117	The neural correlates of the verbal component of working memory. <i>Nature</i> , 1993 , 362, 342-5	50.4	2066
116	Localization of grasp representations in humans by PET: 1. Observation versus execution. <i>Experimental Brain Research</i> , 1996 , 111, 246-52	2.3	701
115	Dyslexia: cultural diversity and biological unity. <i>Science</i> , 2001 , 291, 2165-7	33.3	699
114	Investigations of the functional anatomy of attention using the Stroop test. <i>Neuropsychologia</i> , 1993 , 31, 907-22	3.2	620
113	The role of the right hemisphere in the interpretation of figurative aspects of language. A positron emission tomography activation study. <i>Brain</i> , 1994 , 117 (Pt 6), 1241-53	11.2	573
112	Is developmental dyslexia a disconnection syndrome? Evidence from PET scanning. <i>Brain</i> , 1996 , 119 (Pt 1), 143-57	11.2	503
111	The bilingual brain. Proficiency and age of acquisition of the second language. <i>Brain</i> , 1998 , 121 (Pt 10), 1841-52	11.2	485
110	A cultural effect on brain function. <i>Nature Neuroscience</i> , 2000 , 3, 91-6	25.5	459
109	Anatomical variability in the cortical representation of first and second language. <i>NeuroReport</i> , 1997 , 8, 3809-15	1.7	458
108	The role of age of acquisition and language usage in early, high-proficient bilinguals: an fMRI study during verbal fluency. <i>Human Brain Mapping</i> , 2003 , 19, 170-82	5.9	307
107	Shared cortical anatomy for motor awareness and motor control. <i>Science</i> , 2005 , 309, 488-91	33.3	283
106	Functional heterogeneity of left inferior frontal cortex as revealed by fMRI. <i>NeuroReport</i> , 1997 , 8, 2011-7	1.7	270
105	Identification of the central vestibular projections in man: a positron emission tomography activation study. <i>Experimental Brain Research</i> , 1994 , 99, 164-9	2.3	249
104	Rapid assessment of regional cerebral metabolic abnormalities in single subjects with quantitative and nonquantitative [18F]FDG PET: A clinical validation of statistical parametric mapping. <i>NeuroImage</i> , 1999 , 9, 63-80	7.9	221
103	Central nervous pathways mediating angina pectoris. <i>Lancet, The</i> , 1994 , 344, 147-50	40	218
102	Cerebral representations for egocentric space: Functional-anatomical evidence from caloric vestibular stimulation and neck vibration. <i>Brain</i> , 2001 , 124, 1182-96	11.2	210
101	Brain abnormalities underlying altered activation in dyslexia: a voxel based morphometry study. <i>Brain</i> , 2005 , 128, 2453-61	11.2	187

100	The physiology of coloured hearing. A PET activation study of colour-word synaesthesia. <i>Brain</i> , 1995 , 118 (Pt 3), 661-76	11.2	176
99	PET Studies of Phonological Processing: A Critical Reply to Poeppel. <i>Brain and Language</i> , 1996 , 55, 352-72	9.9	164
98	Silent ischemia as a central problem: regional brain activation compared in silent and painful myocardial ischemia. <i>Annals of Internal Medicine</i> , 1996 , 124, 939-49	8	150
97	Modulation of conscious experience by peripheral sensory stimuli. <i>Nature</i> , 1995 , 376, 778-81	50.4	142
96	Acupuncture produces central activations in pain regions. <i>NeuroImage</i> , 2001 , 14, 60-6	7.9	137
95	Neural correlates of worry in generalized anxiety disorder and in normal controls: a functional MRI study. <i>Psychological Medicine</i> , 2010 , 40, 117-24	6.9	136
94	Interhemispheric transmission of visuomotor information in humans: fMRI evidence. <i>Journal of Neurophysiology</i> , 2002 , 88, 1051-8	3.2	121
93	Functional basis of memory impairment in multiple sclerosis: a [18F]FDG PET study. <i>NeuroImage</i> , 1996 , 4, 87-96	7.9	117
92	A place for nouns and a place for verbs? A critical review of neurocognitive data on grammatical-class effects. <i>Brain and Language</i> , 2011 , 116, 33-49	2.9	107
91	Metabolic impairment in human amnesia: a PET study of memory networks. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992 , 12, 353-8	7.3	102
90	When all hypotheses are right: a multifocal account of dyslexia. <i>Human Brain Mapping</i> , 2009 , 30, 2278-92	5.9	98
89	Left caloric vestibular stimulation ameliorates right hemianesthesia. <i>Neurology</i> , 2005 , 65, 1278-83	6.5	95
88	A functional-anatomical model for lipreading. <i>Journal of Neurophysiology</i> , 2003 , 90, 2005-13	3.2	93
87	Central neural contribution to the perception of chest pain in cardiac syndrome X. <i>British Heart Journal</i> , 2002 , 87, 513-9		93
86	An anatomical account of somatoparaphrenia. <i>Cortex</i> , 2012 , 48, 1165-78	3.8	91
85	Reading the reading brain: A new meta-analysis of functional imaging data on reading. <i>Journal of Neurolinguistics</i> , 2013 , 26, 214-238	1.9	91
84	Reading the dyslexic brain: multiple dysfunctional routes revealed by a new meta-analysis of PET and fMRI activation studies. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 830	3.3	90
83	Reassessing the HAROLD model: is the hemispheric asymmetry reduction in older adults a special case of compensatory-related utilisation of neural circuits?. <i>Experimental Brain Research</i> , 2013 , 224, 393-410	2.7	89

82	Neural basis of generation of conclusions in elementary deduction. <i>NeuroImage</i> , 2007 , 38, 752-62	7.9	76
81	Recovery of neglect after right hemispheric damage: H2(15)O positron emission tomographic activation study. <i>Archives of Neurology</i> , 1998 , 55, 561-8		69
80	Nouns and verbs in the brain: grammatical class and task specific effects as revealed by fMRI. <i>Cognitive Neuropsychology</i> , 2008 , 25, 528-58	2.3	62
79	Left and right hemisphere contribution to recovery from neglect after right hemisphere damage--an [18F]FDG pet study of two cases. <i>Neuropsychologia</i> , 1993 , 31, 115-25	3.2	58
78	Single domain amnesic MCI: a multiple cognitive domains fMRI investigation. <i>Neurobiology of Aging</i> , 2011 , 32, 1542-57	5.6	55
77	Mental images across the adult lifespan: a behavioural and fMRI investigation of motor execution and motor imagery. <i>Experimental Brain Research</i> , 2013 , 224, 519-40	2.3	54
76	Hungry brains: A meta-analytical review of brain activation imaging studies on food perception and appetite in obese individuals. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 94, 271-285	9	52
75	Neglect syndromes: the role of the parietal cortex. <i>Advances in Neurology</i> , 2003 , 93, 293-319		49
74	Clustering the lexicon in the brain: a meta-analysis of the neurofunctional evidence on noun and verb processing. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 303	3.3	48
73	Conditional and syllogistic deductive tasks dissociate functionally during premise integration. <i>Human Brain Mapping</i> , 2010 , 31, 1430-45	5.9	45
72	The effect of the muscarinic antagonist scopolamine on regional cerebral blood flow during the performance of a memory task. <i>Experimental Brain Research</i> , 1995 , 104, 337-48	2.3	43
71	The anarchic brain in action: the contribution of task-based fMRI studies to the understanding of Gilles de la Tourette syndrome. <i>Current Opinion in Neurology</i> , 2015 , 28, 604-11	7.1	41
70	Differential distribution of striatal [123I]beta-CIT in Parkinson's disease and progressive supranuclear palsy, evaluated with single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998 , 25, 1270-6	8.8	41
69	A multiparametric MRI study of frontal lobe dementia in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1999 , 171, 135-44	3.2	40
68	The effect of apomorphine and buspirone on regional cerebral blood flow during the performance of a cognitive task-measuring neuromodulatory effects of psychotropic drugs in man. <i>European Journal of Neuroscience</i> , 1992 , 4, 1203-12	3.5	40
67	Head holder for PET, CT, and MR studies. <i>Journal of Computer Assisted Tomography</i> , 1991 , 15, 886-92	2.2	35
66	Relationship between corpus callosum atrophy and cerebral metabolic asymmetries in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1992 , 112, 51-7	3.2	34
65	The What, the When, and the Whether of Intentional Action in the Brain: A Meta-Analytical Review. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 238	3.3	33

64	Like the back of the (right) hand? A new fMRI look on the hand laterality task. <i>Experimental Brain Research</i> , 2014 , 232, 3873-95	2.3	33
63	Large scale brain activations predict reasoning profiles. <i>NeuroImage</i> , 2012 , 59, 1752-64	7.9	33
62	Anatomy of the episodic buffer: a voxel-based morphometry study in patients with dementia. <i>Behavioural Neurology</i> , 2008 , 19, 29-34	3	33
61	Evidence for a dyadic motor plan in joint action. <i>Scientific Reports</i> , 2018 , 8, 5027	4.9	30
60	What is Mine? Behavioral and Anatomical Dissociations between Somatoparaphrenia and Anosognosia for Hemiplegia. <i>Behavioural Neurology</i> , 2013 , 26, 139-150	3	30
59	Functional MR imaging correlations with positron emission tomography. Initial experience using a cognitive activation paradigm on verbal working memory. <i>Neuroimaging Clinics of North America</i> , 1995 , 5, 207-25	3	30
58	With time on our side? Task-dependent compensatory processes in graceful aging. <i>Experimental Brain Research</i> , 2010 , 205, 307-24	2.3	29
57	Neural intersections of the phonological, visual magnocellular and motor/cerebellar systems in normal readers: implications for imaging studies on dyslexia. <i>Human Brain Mapping</i> , 2013 , 34, 2669-87	5.9	28
56	Pathways of interhemispheric transfer in normals and in a split-brain subject. A positron emission tomography study. <i>Experimental Brain Research</i> , 1999 , 126, 451-8	2.3	28
55	Supercalifragilisticexpialidocious: how the brain learns words never heard before. <i>NeuroImage</i> , 2009 , 45, 1368-77	7.9	27
54	Productive symptoms in right brain damage. <i>Current Opinion in Neurology</i> , 2009 , 22, 589-93	7.1	27
53	Crossed aphasia: a PET follow up study of two cases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1993 , 56, 665-71	5.5	26
52	A novel approach to the problem of non-uniqueness of the solution in hierarchical clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1166-73	10.3	24
51	When I am (almost) 64: The effect of normal ageing on implicit motor imagery in young elderlies. <i>Behavioural Brain Research</i> , 2016 , 303, 137-51	3.4	24
50	Dissecting the neurofunctional bases of intentional action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7440-7445	11.5	24
49	Building the bodily self-awareness: Evidence for the convergence between interoceptive and exteroceptive information in a multilevel kernel density analysis study. <i>Human Brain Mapping</i> , 2020 , 41, 401-418	5.9	23
48	Brain activity during intra- and cross-modal priming: new empirical data and review of the literature. <i>Neuropsychologia</i> , 2004 , 42, 14-24	3.2	22
47	The Brain in (Willed) Action: A Meta-Analytical Comparison of Imaging Studies on Motor Intentionality and Sense of Agency. <i>Frontiers in Psychology</i> , 2019 , 10, 804	3.4	21

46	How many forms of perseveration? Evidence from cancellation tasks in right hemisphere patients. <i>Neuropsychologia</i> , 2013 , 51, 2960-75	3.2	20
45	Functional brain effects of hand disuse in patients with trapeziometacarpal joint osteoarthritis: executed and imagined movements. <i>Experimental Brain Research</i> , 2017 , 235, 3227-3241	2.3	18
44	How the effects of actions become our own. <i>Science Advances</i> , 2020 , 6,	14.3	17
43	The physiology of motor delusions in anosognosia for hemiplegia: implications for current models of motor awareness. <i>Consciousness and Cognition</i> , 2014 , 24, 98-112	2.6	17
42	Mental steps: Differential activation of internal pacemakers in motor imagery and in mental imitation of gait. <i>Human Brain Mapping</i> , 2017 , 38, 5195-5216	5.9	17
41	A functional magnetic resonance imaging investigation of motor control in Gilles de la Tourette syndrome during imagined and executed movements. <i>European Journal of Neuroscience</i> , 2016 , 43, 494-508	3.5	17
40	Neural Correlates of Body Integrity Dysphoria. <i>Current Biology</i> , 2020 , 30, 2191-2195.e3	6.3	14
39	Framing effects reveal discrete lexical-semantic and sublexical procedures in reading: an fMRI study. <i>Frontiers in Psychology</i> , 2015 , 6, 1328	3.4	14
38	GOOD or BAD Responder? Behavioural and Neuroanatomical Markers of Clinical Response to Donepezil in Dementia. <i>Behavioural Neurology</i> , 2012 , 25, 61-72	3	14
37	Is a lone right hemisphere enough? Neurolinguistic architecture in a case with a very early left hemispherectomy. <i>Neurocase</i> , 2013 , 19, 209-31	0.8	14
36	Unrealistic representations of "the self": A cognitive neuroscience assessment of anosognosia for memory deficit. <i>Consciousness and Cognition</i> , 2015 , 37, 160-77	2.6	13
35	Anatomical Modularity of Verbal Working Memory? Functional Anatomical Evidence from a Famous Patient with Short-Term Memory Deficits. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 231	3.3	13
34	On the advantage of ShallowOrthographies: number and grain size of the orthographic units or consistency per se?. <i>Developmental Science</i> , 2006 , 9, 443-4; discussion 451-3	4.5	13
33	What is mine? Behavioral and anatomical dissociations between somatoparaphrenia and anosognosia for hemiplegia. <i>Behavioural Neurology</i> , 2013 , 26, 139-50	3	12
32	Resting state brain connectivity patterns before eventual relapse into cocaine abuse. <i>Behavioural Brain Research</i> , 2017 , 327, 121-132	3.4	11
31	Response demands and the recruitment of heuristic strategies in syllogistic reasoning. <i>Quarterly Journal of Experimental Psychology</i> , 2009 , 62, 513-30	1.8	11
30	Thumbs up: Imagined hand movements counteract the adverse effects of post-surgical hand immobilization. Clinical, behavioral, and fMRI longitudinal observations. <i>NeuroImage: Clinical</i> , 2019 , 23, 101838	5.3	10
29	How many deficits in the same dyslexic brains? A behavioural and fMRI assessment of comorbidity in adult dyslexics. <i>Cortex</i> , 2017 , 97, 125-142	3.8	9

28	Motor imagery training speeds up gait recovery and decreases the risk of falls in patients submitted to total knee arthroplasty. <i>Scientific Reports</i> , 2020 , 10, 8917	4.9	9
27	A functional limitation to the lower limbs affects the neural bases of motor imagery of gait. <i>NeuroImage: Clinical</i> , 2018 , 20, 177-187	5.3	9
26	Guess who's coming to dinner: Brain signatures of racially biased and politically correct behaviors. <i>Neuroscience</i> , 2016 , 332, 231-41	3.9	9
25	A tug of war: antagonistic effective connectivity patterns over the motor cortex and the severity of motor symptoms in Gilles de la Tourette syndrome. <i>European Journal of Neuroscience</i> , 2017 , 46, 2203-2213	3.5	8
24	Preserved functional competence of perilesional areas in drug-resistant epilepsy with lesion in supplementary motor cortex: fMRI and neuropsychological observations. <i>NeuroImage</i> , 2003 , 20, 2225-34	7.9	8
23	Altered sense of agency in Gilles de la Tourette syndrome: behavioural, clinical and functional magnetic resonance imaging findings. <i>Brain Communications</i> , 2020 , 2, fcaa204	4.5	8
22	How Task Interactivity Shapes Action Observation. <i>Cerebral Cortex</i> , 2019 , 29, 5302-5314	5.1	7
21	How aging affects the premotor control of lower limb movements in simulated gait. <i>Human Brain Mapping</i> , 2020 , 41, 1889-1903	5.9	7
20	Mechanisms for mutual support in motor interactions. <i>Scientific Reports</i> , 2021 , 11, 3060	4.9	6
19	A very light lunch: Interoceptive deficits and food aversion at onset in a case of behavioral variant frontotemporal dementia. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 750-754	5.2	6
18	Clustering the Brain With "CluB": A New Toolbox for Quantitative Meta-Analysis of Neuroimaging Data. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1037	5.1	5
17	Acute effect of 3-(4-acetamido)-butyrril-lorazepam (DDS2700) on brain function assessed by PET at rest and during attentive tasks. <i>Nuclear Medicine Communications</i> , 2001 , 22, 399-404	1.6	5
16	Exploring the articulatory representations of verbal working memory with PET. <i>NeuroImage</i> , 1996 , 3, S555	7.9	4
15	How the harm of drugs and their availability affect brain reactions to drug cues: a meta-analysis of 64 neuroimaging activation studies. <i>Translational Psychiatry</i> , 2020 , 10, 429	8.6	4
14	Repetitive deep TMS for the reduction of body weight: Bimodal effect on the functional brain connectivity in "diabesity". <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 1860-1870	4.5	4
13	Music Education at School: Too Little and Too Late? Evidence From a Longitudinal Study on Music Training in Preadolescents. <i>Frontiers in Psychology</i> , 2019 , 10, 2704	3.4	4
12	A Breakdown of Imagined Visuomotor Transformations and Its Neural Correlates in Young Elderly Subjects. <i>Cerebral Cortex</i> , 2019 , 29, 1682-1696	5.1	4
11	The physiology of coloured hearing. A PET activation study of colour-word synaesthesia. <i>Brain</i> , 1995 , 118, 1073-1073	11.2	3

10	Autonomic responses to emotional linguistic stimuli and amplitude of low-frequency fluctuations predict outcome after severe brain injury. <i>NeuroImage: Clinical</i> , 2020 , 28, 102356	5.3	3
9	Eyes wide shut: How visual cues affect brain patterns of simulated gait. <i>Human Brain Mapping</i> , 2020 , 41, 4248-4263	5.9	1
8	How the motor system copes with aging: a quantitative meta-analysis of the effect of aging on motor function control.. <i>Communications Biology</i> , 2022 , 5, 79	6.7	1
7	Neurofunctional and neuromorphological evidence of the lack of compensation in pathological aging. <i>Behavioural Neurology</i> , 2010 , 23, 185-7	3	1
6	Pathological risk-propensity typifies Mafia membersScognitive profile. <i>Scientific Reports</i> , 2020 , 10, 8559	4.9	1
5	Brain Abnormalities in Individuals with a Desire for a Healthy Limb Amputation: Somatosensory, Motoric or Both? A Task-Based fMRI Verdict. <i>Brain Sciences</i> , 2021 , 11,	3.4	1
4	The sense of agency in joint actions: A theory-driven meta-analysis.. <i>Cortex</i> , 2022 , 148, 99-120	3.8	0
3	Attention to body parts prompts thermoregulatory reactions in Body Integrity Dysphoria.. <i>Cortex</i> , 2021 , 147, 1-8	3.8	0
2	Clinical Characterization of Atypical Primary Progressive Aphasia in a 3-Year Longitudinal Study: A Case Report. <i>Cognitive and Behavioral Neurology</i> , 2021 , 34, 233-244	1.6	0
1	Functional neuroanatomy of spatial perception, spatial processes and attention 2010 , 765-792		