

Eraldo Paulesu

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

14,966
citations

41258

49
h-index

18606

119
g-index

124
all docs

124
docs citations

124
times ranked

10325
citing authors

#	ARTICLE	IF	CITATIONS
1	The neural correlates of the verbal component of working memory. <i>Nature</i> , 1993, 362, 342-345.	13.7	2,322
2	Dyslexia: Cultural Diversity and Biological Unity. <i>Science</i> , 2001, 291, 2165-2167.	6.0	882
3	Localization of grasp representations in humans by PET: 1. Observation versus execution. <i>Experimental Brain Research</i> , 1996, 111, 246-52.	0.7	844
4	Investigations of the functional anatomy of attention using the stroop test. <i>Neuropsychologia</i> , 1993, 31, 907-922.	0.7	727
5	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, 1241-1253.	3.7	652
6	The bilingual brain. Proficiency and age of acquisition of the second language. <i>Brain</i> , 1998, 121, 1841-1852.	3.7	584
7	Is developmental dyslexia a disconnection syndrome?. <i>Brain</i> , 1996, 119, 143-157.	3.7	573
8	A cultural effect on brain function. <i>Nature Neuroscience</i> , 2000, 3, 91-96.	7.1	529
9	Anatomical variability in the cortical representation of first and second language. <i>NeuroReport</i> , 1997, 8, 3809-3815.	0.6	524
10	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, 170-182.	1.9	359
11	Shared Cortical Anatomy for Motor Awareness and Motor Control. <i>Science</i> , 2005, 309, 488-491.	6.0	330
12	Identification of the central vestibular projections in man: a positron emission tomography activation study. <i>Experimental Brain Research</i> , 1994, 99, 164-9.	0.7	323
13	Functional heterogeneity of left inferior frontal cortex as revealed by fMRI. <i>NeuroReport</i> , 1997, 8, 2011-2016.	0.6	297
14	Rapid Assessment of Regional Cerebral Metabolic Abnormalities in Single Subjects with Quantitative and Nonquantitative [¹⁸ F]FDG PET: A Clinical Validation of Statistical Parametric Mapping. <i>NeuroImage</i> , 1999, 9, 63-80.	2.1	264
15	Cerebral representations for egocentric space: Functional-anatomical evidence from caloric vestibular stimulation and neck vibration. <i>Brain</i> , 2001, 124, 1182-1196.	3.7	253
16	Central nervous pathways mediating angina pectoris. <i>Lancet</i> , The, 1994, 344, 147-150.	6.3	252
17	Brain abnormalities underlying altered activation in dyslexia: a voxel based morphometry study. <i>Brain</i> , 2005, 128, 2453-2461.	3.7	218
18	The physiology of coloured hearing A PET activation study of colour-word synaesthesia. <i>Brain</i> , 1995, 118, 661-676.	3.7	205

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19	PET Studies of Phonological Processing: A Critical Reply to Poeppel. <i>Brain and Language</i> , 1996, 55, 352-379.	0.8	190
20	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.	2.0	178
21	Acupuncture Produces Central Activations in Pain Regions. <i>NeuroImage</i> , 2001, 14, 60-66.	2.1	163
22	Neural correlates of worry in generalized anxiety disorder and in normal controls: a functional MRI study. <i>Psychological Medicine</i> , 2010, 40, 117-124.	2.7	162
23	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.	1.0	157
24	Modulation of conscious experience by peripheral sensory stimuli. <i>Nature</i> , 1995, 376, 778-781.	13.7	154
25	Interhemispheric Transmission of Visuomotor Information in Humans: fMRI Evidence. <i>Journal of Neurophysiology</i> , 2002, 88, 1051-1058.	0.9	146
26	Functional Basis of Memory Impairment in Multiple Sclerosis: A [18F]FDG PET Study. <i>NeuroImage</i> , 1996, 4, 87-96.	2.1	127
27	Reading the reading brain: A new meta-analysis of functional imaging data on reading. <i>Journal of Neurolinguistics</i> , 2013, 26, 214-238.	0.5	126
28	When all hypotheses are right: A multifocal account of dyslexia. <i>Human Brain Mapping</i> , 2009, 30, 2278-2292.	1.9	122
29	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.	0.8	120
30	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.	0.7	115
31	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.	2.9	115
32	Metabolic Impairment in Human Amnesia: A PET Study of Memory Networks. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 353-358.	2.4	114
33	Central neural contribution to the perception of chest pain in cardiac syndrome X. <i>British Heart Journal</i> , 2002, 87, 513-519.	2.2	111
34	An anatomical account of somatoparaphrenia. <i>Cortex</i> , 2012, 48, 1165-1178.	1.1	111
35	A Functional-Anatomical Model for Lipreading. <i>Journal of Neurophysiology</i> , 2003, 90, 2005-2013.	0.9	108
36	Left caloric vestibular stimulation ameliorates right hemianesthesia. <i>Neurology</i> , 2005, 65, 1278-1283.	1.5	102

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37	Neural basis of generation of conclusions in elementary deduction. <i>NeuroImage</i> , 2007, 38, 752-762.	2.1	91
38	Nouns and verbs in the brain: Grammatical class and task specific effects as revealed by fMRI. <i>Cognitive Neuropsychology</i> , 2008, 25, 528-558.	0.4	87
39	Recovery of Neglect After Right Hemispheric Damage. <i>Archives of Neurology</i> , 1998, 55, 561.	4.9	83
40	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.	1.0	73
41	Single domain amnesic MCI: A multiple cognitive domains fMRI investigation. <i>Neurobiology of Aging</i> , 2011, 32, 1542-1557.	1.5	71
42	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, 115-125.	0.7	67
43	Mental images across the adult lifespan: a behavioural and fMRI investigation of motor execution and motor imagery. <i>Experimental Brain Research</i> , 2013, 224, 519-540.	0.7	67
44	Differential distribution of striatal [¹²³ I]β-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, 1270-1276.	3.3	61
45	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.	1.0	59
46	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.	0.7	54
47	Conditional and syllogistic deductive tasks dissociate functionally during premise integration. <i>Human Brain Mapping</i> , 2010, 31, 1430-1445.	1.9	53
48	The anarchic brain in action. <i>Current Opinion in Neurology</i> , 2015, 28, 604-611.	1.8	51
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.	1.9	51
50	Neglect syndromes: the role of the parietal cortex. <i>Advances in Neurology</i> , 2003, 93, 293-319.	0.8	51
51	A multiparametric MRI study of frontal lobe dementia in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1999, 171, 135-144.	0.3	48
52	The Effect of Apomorphine and Bupirone 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, 1203-1212.	1.2	46
53	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.	3.3	46
54	Evidence for a dyadic motor plan in joint action. <i>Scientific Reports</i> , 2018, 8, 5027.	1.6	45

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55	Like the back of the (right) hand? A new fMRI look on the hand laterality task. <i>Experimental Brain Research</i> , 2014, 232, 3873-3895.	0.7	44
56	Head Holder for PET, CT, and MR Studies. <i>Journal of Computer Assisted Tomography</i> , 1991, 15, 886-892.	0.5	43
57	Large scale brain activations predict reasoning profiles. <i>NeuroImage</i> , 2012, 59, 1752-1764.	2.1	43
58	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, 1166-1173.	7.2	42
59	Anatomy of the Episodic Buffer: A Voxel-Based Morphometry Study in Patients with Dementia. <i>Behavioural Neurology</i> , 2008, 19, 29-34.	1.1	41
60	Crossed aphasia: a PET follow up study of two cases.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1993, 56, 665-671.	0.9	40
61	With time on our side? Task-dependent compensatory processes in graceful aging. <i>Experimental Brain Research</i> , 2010, 205, 307-324.	0.7	38
62	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.	1.1	38
63	Relationship between corpus callosum atrophy and cerebral metabolic asymmetries in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1992, 112, 51-57.	0.3	37
64	How the effects of actions become our own. <i>Science Advances</i> , 2020, 6, .	4.7	36
65	Pathways of interhemispheric transfer in normals and in a split-brain subject. <i>Experimental Brain Research</i> , 1999, 126, 451-458.	0.7	35
66	When I am (almost) 64: The effect of normal ageing on implicit motor imagery in young elderlies. <i>Behavioural Brain Research</i> , 2016, 303, 137-151.	1.2	35
67	Supercalifragilisticexpialidocious: How the brain learns words never heard before. <i>NeuroImage</i> , 2009, 45, 1368-1377.	2.1	33
68	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, 2669-2687.	1.9	33
69	What is Mine? Behavioral and Anatomical Dissociations between Somatoparaphrenia and Anosognosia for Hemiplegia. <i>Behavioural Neurology</i> , 2013, 26, 139-150.	1.1	33
70	Productive symptoms in right brain damage. <i>Current Opinion in Neurology</i> , 2009, 22, 589-593.	1.8	32
71	Neural Correlates of Body Integrity Dysphoria. <i>Current Biology</i> , 2020, 30, 2191-2195.e3.	1.8	31
72	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.	0.5	31

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73	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.	1.1	30
74	Resting state brain connectivity patterns before eventual relapse into cocaine abuse. <i>Behavioural Brain Research</i> , 2017, 327, 121-132.	1.2	26
75	Brain activity during intra- and cross-modal priming: new empirical data and review of the literature. <i>Neuropsychologia</i> , 2004, 42, 14-24.	0.7	24
76	How many forms of perseveration? Evidence from cancellation tasks in right hemisphere patients. <i>Neuropsychologia</i> , 2013, 51, 2960-2975.	0.7	24
77	Is a lone right hemisphere enough? Neurolinguistic architecture in a case with a very early left hemispherectomy. <i>Neurocase</i> , 2013, 19, 209-231.	0.2	24
78	Right on in sign language. <i>Nature</i> , 1998, 392, 233-234.	13.7	23
79	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.	1.2	23
80	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.	0.7	22
81	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.	0.8	21
82	Unrealistic representations of 'the self': A cognitive neuroscience assessment of anosognosia for memory deficit. <i>Consciousness and Cognition</i> , 2015, 37, 160-177.	0.8	20
83	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.	1.9	20
84	How Task Interactivity Shapes Action Observation. <i>Cerebral Cortex</i> , 2019, 29, 5302-5314.	1.6	18
85	Mechanisms for mutual support in motor interactions. <i>Scientific Reports</i> , 2021, 11, 3060.	1.6	18
86	On the advantage of 'shallow' orthographies: number and grain size of the orthographic units or consistency per se?. <i>Developmental Science</i> , 2006, 9, 443-444.	1.3	17
87	GOOD or BAD Responder? Behavioural and Neuroanatomical Markers of Clinical Response to Donepezil in Dementia. <i>Behavioural Neurology</i> , 2012, 25, 61-72.	1.1	17
88	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.	1.0	17
89	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.	2.0	17
90	Framing effects reveal discrete lexical-semantic and sublexical procedures in reading: an fMRI study. <i>Frontiers in Psychology</i> , 2015, 6, 1328.	1.1	16

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91	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.	1.6	16
92	Repetitive deep TMS for the reduction of body weight: Bimodal effect on the functional brain connectivity in "œdiabesity" Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1860-1870.	1.1	16
93	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.	1.5	16
94	What is mine? Behavioral and anatomical dissociations between somatoparaphrenia and anosognosia for hemiplegia. <i>Behavioural Neurology</i> , 2013, 26, 139-50.	1.1	15
95	Guess who"™s coming to dinner: Brain signatures of racially biased and politically correct behaviors. <i>Neuroscience</i> , 2016, 332, 231-241.	1.1	14
96	A functional limitation to the lower limbs affects the neural bases of motor imagery of gait. <i>NeuroImage: Clinical</i> , 2018, 20, 177-187.	1.4	14
97	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.	2.4	13
98	Response Demands and the Recruitment of Heuristic Strategies in Syllogistic Reasoning. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 513-530.	0.6	12
99	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.	1.2	12
100	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.	1.1	12
101	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, 2225-2234.	2.1	11
102	How shared goals shape action monitoring. <i>Cerebral Cortex</i> , 2022, 32, 4934-4951.	1.6	11
103	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.	1.4	10
104	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, 1248.	1.1	10
105	The sense of agency in joint actions: A theory-driven meta-analysis. <i>Cortex</i> , 2022, 148, 99-120.	1.1	10
106	How aging affects the premotor control of lower limb movements in simulated gait. <i>Human Brain Mapping</i> , 2020, 41, 1889-1903.	1.9	9
107	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.	1.2	7
108	Clustering the Brain With "œCluB" A New Toolbox for Quantitative Meta-Analysis of Neuroimaging Data. <i>Frontiers in Neuroscience</i> , 2019, 13, 1037.	1.4	7

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109	Acute effect of 3-(4-acetamido)-butyryl-lorazepam (DDS2700) on brain function assessed by PET at rest and during attentive tasks. <i>Nuclear Medicine Communications</i> , 2001, 22, 399-404.	0.5	6
110	A Breakdown of Imagined Visuomotor Transformations and Its Neural Correlates in Young Elderly Subjects. <i>Cerebral Cortex</i> , 2019, 29, 1682-1696.	1.6	6
111	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.	1.4	5
112	Attention to body parts prompts thermoregulatory reactions in Body Integrity Dysphoria. <i>Cortex</i> , 2022, 147, 1-8.	1.1	5
113	Exploring the articulatory representations of verbal working memory with PET. <i>NeuroImage</i> , 1996, 3, S555.	2.1	4
114	Pathological risk-propensity typifies Mafia members'™ cognitive profile. <i>Scientific Reports</i> , 2020, 10, 8559.	1.6	4
115	The unexplored link between aesthetic perception and creativity: A theory-driven meta-analysis of fMRI studies in the visual domain. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 140, 104768.	2.9	4
116	The physiology of coloured hearing. A PET activation study of colour-word synaesthesia. <i>Brain</i> , 1995, 118, 1073-1073.	3.7	3
117	Eyes wide shut: How visual cues affect brain patterns of simulated gait. <i>Human Brain Mapping</i> , 2020, 41, 4248-4263.	1.9	3
118	Effects of Orthographic Consistency on Bilingual Reading: Human and Computer Simulation Data. <i>Brain Sciences</i> , 2021, 11, 878.	1.1	2
119	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.	0.5	2
120	Neurofunctional and neuromorphological evidence of the lack of compensation in pathological aging. <i>Behavioural Neurology</i> , 2010, 23, 185-7.	1.1	2
121	The physiology of mind. <i>Experimental Brain Research</i> , 2009, 192, 303-306.	0.7	0
122	Functional neuroanatomy of spatial perception, spatial processes and attention. , 2010, , 765-792.		0