

Paolo Vitali

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,267
citations

236925

25
h-index

223800

46
g-index

59
all docs

59
docs citations

59
times ranked

3037
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion-weighted MRI hyperintensity patterns differentiate CJD from other rapid dementias. <i>Neurology</i> , 2011, 76, 1711-1719.	1.1	329
2	Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>NeuroImage</i> , 2004, 22, 57-67.	4.2	253
3	EEG spectral profile to stage Alzheimer's disease. <i>Clinical Neurophysiology</i> , 1999, 110, 1831-1837.	1.5	124
4	Effects of long-term Donepezil therapy on rCBF of Alzheimer's patients. <i>Clinical Neurophysiology</i> , 2002, 113, 1241-1248.	1.5	89
5	Quantitative EEG Changes in Alzheimer Patients during Long-Term Donepezil Therapy. <i>Neuropsychobiology</i> , 2002, 46, 49-56.	1.9	77
6	Brain perfusion follow-up in Alzheimer's patients during treatment with acetylcholinesterase inhibitors. <i>Journal of Nuclear Medicine</i> , 2002, 43, 983-90.	5.0	77
7	Hippocampal perfusion in mild Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2000, 100, 65-74.	1.8	76
8	Neuroimaging in Dementia. <i>Seminars in Neurology</i> , 2008, 28, 467-483.	1.4	76
9	^{99m} Tc-HMPAO regional cerebral blood flow and quantitative electroencephalography in Alzheimer's disease: a correlative study. <i>Journal of Nuclear Medicine</i> , 1999, 40, 522-9.	5.0	71
10	Brain Gliomas: Multicenter Standardized Assessment of Dynamic Contrast-enhanced and Dynamic Susceptibility Contrast MR Images. <i>Radiology</i> , 2018, 287, 933-943.	7.3	70
11	A Machine Learning Approach for the Differential Diagnosis of Alzheimer and Vascular Dementia Fed by MRI Selected Features. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 25.	2.5	70
12	Preoperative language lateralization in temporal lobe epilepsy (TLE) predicts peri-ictal, pre- and post-operative language performance: An fMRI study. <i>NeuroImage: Clinical</i> , 2013, 3, 73-83.	2.7	67
13	A comprehensive assessment of resting state networks: bidirectional modification of functional integrity in cerebro-cerebellar networks in dementia. <i>Frontiers in Neuroscience</i> , 2014, 8, 223.	2.8	67
14	Specific Patterns of White Matter Alterations Help Distinguishing Alzheimer's and Vascular Dementia. <i>Frontiers in Neuroscience</i> , 2018, 12, 274.	2.8	59
15	Comparing CSF biomarkers and brain MRI in the diagnosis of sporadic Creutzfeldt-Jakob disease. <i>Neurology: Clinical Practice</i> , 2015, 5, 116-125.	1.6	53
16	Resting SPECT-neuropsychology correlation in very mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2005, 116, 364-375.	1.5	51
17	Quantitative EEG and perfusional single photon emission computed tomography correlation during long-term donepezil therapy in Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2004, 115, 39-49.	1.5	47
18	White matter involvement in sporadic Creutzfeldt-Jakob disease. <i>Brain</i> , 2014, 137, 3339-3354.	7.6	42

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19	Timing of Disease Progression by Quantitative EEG in Alzheimer's Patients. <i>Journal of Clinical Neurophysiology</i> , 1999, 16, 566.	1.7	42
20	Exploring Patterns of Alteration in Alzheimer's Disease Brain Networks: A Combined Structural and Functional Connectomics Analysis. <i>Frontiers in Neuroscience</i> , 2016, 10, 380.	2.8	38
21	Clinical Pregenetic Screening for Stroke Monogenic Diseases. <i>Stroke</i> , 2016, 47, 1702-1709.	2.0	34
22	DTI and MR Volumetry of Hippocampus-PC/PCC Circuit: In Search of Early Micro- and Macrostructural Signs of Alzheimer's Disease. <i>Neurology Research International</i> , 2012, 2012, 1-9.	1.3	32
23	Application of quantitative DTI metrics in sporadic CJD. <i>NeuroImage: Clinical</i> , 2014, 4, 426-435.	2.7	32
24	fMRI studies of visual cortical activity during noise stimulation. <i>Neurocomputing</i> , 1999, 26-27, 511-516.	5.9	30
25	Quality of life and brain function following high-dose recombinant human erythropoietin in low-risk myelodysplastic syndromes: a preliminary report. <i>European Journal of Haematology</i> , 2004, 72, 113-120.	2.2	28
26	Functional MRI in Malformations of Cortical Development: Activation of Dysplastic Tissue and Functional Reorganization. <i>Journal of Neuroimaging</i> , 2008, 18, 296-305.	2.0	26
27	The role of clinical and neuroimaging features in the diagnosis of CADASIL. <i>Journal of Neurology</i> , 2018, 265, 2934-2943.	3.6	25
28	Regional Cerebral Blood Flow and Prognostic Evaluation in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2001, 12, 89-97.	1.5	22
29	^{99m} Tc-HMPAO and ^{99m} Tc-ECD perform differently in typically hypoperfused areas in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1009-1013.	6.4	22
30	Striatal Dopamine Deficit and Motor Impairment in Idiopathic Normal Pressure Hydrocephalus. <i>Movement Disorders</i> , 2021, 36, 124-132.	3.9	22
31	Unsuspected Involvement of Spinal Cord in Alzheimer Disease. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 6.	3.7	19
32	Substantia Nigra Volumetry with 3-T MRI in De Novo and Advanced Parkinson Disease. <i>Radiology</i> , 2020, 296, 401-410.	7.3	18
33	Relationships between ^{99m} Tc-HMPAO cerspect and quantitative EEG observations in Alzheimer's disease. <i>Archives of Gerontology and Geriatrics</i> , 1998, 26, 363-368.	3.0	17
34	Sensorimotor organization in double cortex syndrome. <i>Human Brain Mapping</i> , 2006, 27, 535-543.	3.6	17
35	Subcortical nodular heterotopia: a functional MRI and somatosensory evoked potentials study. <i>Neurological Sciences</i> , 2004, 25, 225-229.	1.9	15
36	The Von Restorff effect in ageing and Alzheimer's disease. <i>Neurological Sciences</i> , 2006, 27, 166-172.	1.9	15

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37	Lumboperitoneal shunt in idiopathic normal pressure hydrocephalus: a prospective controlled study. <i>Journal of Neurology</i> , 2020, 267, 2556-2566.	3.6	13
38	White Matter Hyperintensities Quantification in Healthy Adults: A Systematic Review and Meta-Analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1732-1743.	3.4	12
39	Clinical correlative evaluation of an iterative method for reconstruction of brain SPECT images. <i>Nuclear Medicine and Biology</i> , 2001, 28, 627-632.	0.6	9
40	Accuracy of pre-surgical fMRI confirmed by subsequent crossed aphasia. <i>Neurological Sciences</i> , 2011, 32, 175-180.	1.9	9
41	Clinical practice of language fMRI in epilepsy centers: a European survey and conclusions by the ESNR Epilepsy Working Group. <i>Neuroradiology</i> , 2020, 62, 549-562.	2.2	9
42	Right hemispheric dysfunction in a case of pure progressive aphemia: fusion of multimodal neuroimaging. <i>Psychiatry Research - Neuroimaging</i> , 2004, 130, 97-107.	1.8	8
43	Enhancement of SPECT reconstructions by means of coregistered MR data. <i>IEEE Transactions on Nuclear Science</i> , 2001, 48, 750-755.	2.0	7
44	Brain vascular changes in adults with congenital heart disease: A systematic review. <i>NeuroImage: Clinical</i> , 2019, 23, 101873.	2.7	7
45	Progressive apraxia of speech in Quebec French speakers: A case series. <i>International Journal of Language and Communication Disorders</i> , 2021, 56, 528-548.	1.5	7
46	The Haemodynamic Response to the Interictal Epileptic Spikes. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5223-6.	0.5	6
47	A Preliminary Look Into the Clinical Evolution of Motor Speech Characteristics in Primary Progressive Apraxia of Speech in Québec French. <i>American Journal of Speech-Language Pathology</i> , 2021, 30, 1459-1476.	1.8	6
48	Exploring interregional brain interactivity in temporal lobe epilepsy using partial correlation analysis of fMRI data. , 2008, 2008, 4423-6.		4
49	Adults with tetralogy of Fallot show specific features of cerebral small vessel disease: the BACH San Donato study. <i>Brain Imaging and Behavior</i> , 2022, 16, 1721-1731.	2.1	4
50	Feasibility in the clinical setting of perfusion brain SPECT imaging employing a brain-dedicated gamma camera and the conjugate gradients with modified matrix reconstruction method. <i>Italian Journal of Neurological Sciences</i> , 1998, 19, 373-377.	0.1	3
51	Cortical alpha rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>International Congress Series</i> , 2004, 1270, 44-49.	0.2	3
52	Analysis of fMRI time series with mixtures of Gaussians. , 2000, , .		2
53	Studio RMf della dominanza emisferica in destrimani e non destrimani. <i>The Neuroradiology Journal</i> , 2000, 13, 131-138.	0.1	1
54	Surgical and Post-surgical Evaluation of Epilepsy. , 2019, , 1-32.		1

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55	Early cortical and late striatal diffusion restriction on 3T MRI in a long-lived sporadic creutzfeldtâ€‘jakob disease case. Journal of Magnetic Resonance Imaging, 2019, 50, 1659-1662.	3.4	1
56	Surgical and Post-surgical Evaluation of Epilepsy. , 2019, , 991-1023.		0