

Boccardi Marina

List of Publications by Citations

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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.

101
papers

4,185
citations

35
h-index

62
g-index

114
ext. papers

5,140
ext. citations

5
avg, IF

4.85
L-index

#	Paper	IF	Citations
101	Association of brain amyloidosis with pro-inflammatory gut bacterial taxa and peripheral inflammation markers in cognitively impaired elderly. <i>Neurobiology of Aging</i> , 2017 , 49, 60-68	5.6	500
100	Strategic roadmap for an early diagnosis of Alzheimer's disease based on biomarkers. <i>Lancet Neurology</i> , 2017 , 16, 661-676	24.1	308
99	Quantitative comparison of 21 protocols for labeling hippocampal subfields and parahippocampal subregions in in vivo MRI: towards a harmonized segmentation protocol. <i>NeuroImage</i> , 2015 , 111, 526-417	7.9	209
98	The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: evidence of validity. <i>Alzheimerts and Dementia</i> , 2015 , 11, 111-25	1.2	137
97	Frontotemporal dementia as a neural system disease. <i>Neurobiology of Aging</i> , 2005 , 26, 37-44	5.6	116
96	Survey of protocols for the manual segmentation of the hippocampus: preparatory steps towards a joint EADC-ADNI harmonized protocol. <i>Journal of Alzheimerts Disease</i> , 2011 , 26 Suppl 3, 61-75	4.3	111
95	Delphi definition of the EADC-ADNI Harmonized Protocol for hippocampal segmentation on magnetic resonance. <i>Alzheimerts and Dementia</i> , 2015 , 11, 126-38	1.2	96
94	The MRI pattern of frontal and temporal brain atrophy in fronto-temporal dementia. <i>Neurobiology of Aging</i> , 2003 , 24, 95-103	5.6	94
93	European Association of Nuclear Medicine and European Academy of Neurology recommendations for the use of brain F-fluorodeoxyglucose positron emission tomography in neurodegenerative cognitive impairment and dementia: Delphi consensus. <i>European Journal of Neurology</i> , 2018 , 25, 1201-1217	6	92
92	Cortex and amygdala morphology in psychopathy. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 193, 85-92	2.9	92
91	A harmonized segmentation protocol for hippocampal and parahippocampal subregions: Why do we need one and what are the key goals?. <i>Hippocampus</i> , 2017 , 27, 3-11	3.5	84
90	Training labels for hippocampal segmentation based on the EADC-ADNI harmonized hippocampal protocol. <i>Alzheimerts and Dementia</i> , 2015 , 11, 175-83	1.2	76
89	Alexithymia in healthy women: a brain morphology study. <i>Journal of Affective Disorders</i> , 2009 , 114, 208-156	5.6	75
88	Clinical validity of cerebrospinal fluid A β 2, tau, and phospho-tau as biomarkers for Alzheimer's disease in the context of a structured 5-phase development framework. <i>Neurobiology of Aging</i> , 2017 , 52, 196-213	5.6	73
87	Occipital sources of resting-state alpha rhythms are related to local gray matter density in subjects with amnesic mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015 , 36, 556-70	5.6	68
86	Clinical validity of brain fluorodeoxyglucose positron emission tomography as a biomarker for Alzheimer's disease in the context of a structured 5-phase development framework. <i>Neurobiology of Aging</i> , 2017 , 52, 183-195	5.6	67
85	Coalition Against Major Diseases/European Medicines Agency biomarker qualification of hippocampal volume for enrichment of clinical trials in predementia stages of Alzheimer's disease. <i>Alzheimerts and Dementia</i> , 2014 , 10, 421-429.e3	1.2	66

84	Assessment of the Incremental Diagnostic Value of Florbetapir F 18 Imaging in Patients With Cognitive Impairment: The Incremental Diagnostic Value of Amyloid PET With [18F]-Florbetapir (INDIA-FBP) Study. <i>JAMA Neurology</i> , 2016 , 73, 1417-1424	17.2	65
83	Effects of hormone therapy on brain morphology of healthy postmenopausal women: a Voxel-based morphometry study. <i>Menopause</i> , 2006 , 13, 584-91	2.5	62
82	Clinical utility of FDG PET in Parkinson's disease and atypical parkinsonism associated with dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1534-1545	8.8	60
81	Integrating longitudinal information in hippocampal volume measurements for the early detection of Alzheimer's disease. <i>NeuroImage</i> , 2016 , 125, 834-847	7.9	58
80	Local amygdala structural differences with 3T MRI in patients with Alzheimer disease. <i>Neurology</i> , 2011 , 76, 727-33	6.5	56
79	Clinical utility of FDG-PET for the differential diagnosis among the main forms of dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1509-1525	8.8	55
78	White-matter lesions along the cholinergic tracts are related to cortical sources of EEG rhythms in amnesic mild cognitive impairment. <i>Human Brain Mapping</i> , 2009 , 30, 1431-43	5.9	55
77	Clinical validity of increased cortical uptake of amyloid ligands on PET as a biomarker for Alzheimer's disease in the context of a structured 5-phase development framework. <i>Neurobiology of Aging</i> , 2017 , 52, 214-227	5.6	52
76	Clinical validity of medial temporal atrophy as a biomarker for Alzheimer's disease in the context of a structured 5-phase development framework. <i>Neurobiology of Aging</i> , 2017 , 52, 167-182.e1	5.6	51
75	Relationship between hippocampal atrophy and neuropathology markers: a 7T MRI validation study of the EADC-ADNI Harmonized Hippocampal Segmentation Protocol. <i>Alzheimers and Dementia</i> , 2015 , 11, 139-50	1.2	51
74	Abnormal hippocampal shape in offenders with psychopathy. <i>Human Brain Mapping</i> , 2010 , 31, 438-47	5.9	50
73	Medial temporal atrophy in early and late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014 , 35, 2004-12	5.6	46
72	Hippocampal shape differences in dementia with Lewy bodies. <i>NeuroImage</i> , 2008 , 41, 699-705	7.9	43
71	Operationalizing protocol differences for EADC-ADNI manual hippocampal segmentation. <i>Alzheimers and Dementia</i> , 2015 , 11, 184-94	1.2	40
70	Clinical validity of delayed recall tests as a gateway biomarker for Alzheimer's disease in the context of a structured 5-phase development framework. <i>Neurobiology of Aging</i> , 2017 , 52, 153-166	5.6	38
69	Clinical utility of FDG-PET for the clinical diagnosis in MCI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1497-1508	8.8	38
68	Structural brain features of borderline personality and bipolar disorders. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 213, 83-91	2.9	37
67	Striatal morphology in early-onset and late-onset Alzheimer's disease: a preliminary study. <i>Neurobiology of Aging</i> , 2013 , 34, 1728-39	5.6	36

66	Effects of estrogens on cognition and brain morphology: involvement of the cerebellum. <i>Maturitas</i> , 2006 , 54, 222-8	5	35
65	The biomarker-based diagnosis of Alzheimer's disease. 2-lessons from oncology. <i>Neurobiology of Aging</i> , 2017 , 52, 141-152	5.6	33
64	Harmonized benchmark labels of the hippocampus on magnetic resonance: the EADC-ADNI project. <i>Alzheimer's and Dementia</i> , 2015 , 11, 151-60.e5	1.2	32
63	APOE and modulation of Alzheimer's and frontotemporal dementia. <i>Neuroscience Letters</i> , 2004 , 356, 167-70	3.3	32
62	Volumetric and topographic differences in hippocampal subdivisions in borderline personality and bipolar disorders. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 203, 132-8	2.9	31
61	Influence of serotonin receptor 2A His452Tyr polymorphism on brain temporal structures: a volumetric MR study. <i>European Journal of Human Genetics</i> , 2006 , 14, 443-9	5.3	31
60	Amygdaloid atrophy in frontotemporal dementia and Alzheimer's disease. <i>Neuroscience Letters</i> , 2002 , 335, 139-43	3.3	31
59	The validation status of blood biomarkers of amyloid and phospho-tau assessed with the 5-phase development framework for AD biomarkers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2140-2156	8.8	31
58	Hippocampal and amygdalar volume changes in elderly patients with Alzheimer's disease and schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 192, 77-83	2.9	28
57	The Italian Brain Normative Archive of structural MR scans: norms for medial temporal atrophy and white matter lesions. <i>Aging Clinical and Experimental Research</i> , 2009 , 21, 266-76	4.8	28
56	Atypical nucleus accumbens morphology in psychopathy: another limbic piece in the puzzle. <i>International Journal of Law and Psychiatry</i> , 2013 , 36, 157-67	2.6	27
55	Automated voxel-by-voxel tissue classification for hippocampal segmentation: methods and validation. <i>Physica Medica</i> , 2014 , 30, 878-87	2.7	27
54	The biomarker-based diagnosis of Alzheimer's disease. 1-ethical and societal issues. <i>Neurobiology of Aging</i> , 2017 , 52, 132-140	5.6	26
53	Clinical validity of presynaptic dopaminergic imaging with 18 F-ioflupane and noradrenergic imaging with I-MIBG in the differential diagnosis between Alzheimer's disease and dementia with Lewy bodies in the context of a structured 5-phase development framework. <i>Neurobiology of Aging</i> , 2017 , 52, 228-242	5.6	26
52	Topographic correspondence between white matter hyperintensities and brain atrophy. <i>Journal of Neurology</i> , 2006 , 253, 919-27	5.5	26
51	Automated assessment of FDG-PET for differential diagnosis in patients with neurodegenerative disorders. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1557-1566	8.8	24
50	Diagnostic utility of FDG-PET in the differential diagnosis between different forms of primary progressive aphasia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1526-1533	8.8	23
49	Diagnostic utility of 18 F-Fluorodeoxyglucose positron emission tomography (FDG-PET) in asymptomatic subjects at increased risk for Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1487-1496	8.8	22

48	Reference standard space hippocampus labels according to the European Alzheimer's Disease Consortium-Alzheimer's Disease Neuroimaging Initiative harmonized protocol: Utility in automated volumetry. <i>Alzheimers and Dementia</i> , 2017 , 13, 893-902	1.2	21
47	Biomarkers for the diagnosis of Alzheimer's disease in clinical practice: an Italian intersocietal roadmap. <i>Neurobiology of Aging</i> , 2017 , 52, 119-131	5.6	21
46	Abnormalities in functional connectivity in borderline personality disorder: Correlations with metacognition and emotion dysregulation. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 283, 118-124	2.9	21
45	Clinical and medial temporal features in a family with mood disorders. <i>Neuroscience Letters</i> , 2010 , 468, 93-7	3.3	19
44	A comparison of automated segmentation and manual tracing in estimating hippocampal volume in ischemic stroke and healthy control participants. <i>NeuroImage: Clinical</i> , 2019 , 21, 101581	5.3	19
43	AMYPAD Diagnostic and Patient Management Study: Rationale and design. <i>Alzheimers and Dementia</i> , 2019 , 15, 388-399	1.2	19
42	Establishing magnetic resonance images orientation for the EADC-ADNI manual hippocampal segmentation protocol. <i>Journal of Neuroimaging</i> , 2014 , 24, 509-14	2.8	18
41	2020 update on the clinical validity of cerebrospinal fluid amyloid, tau, and phospho-tau as biomarkers for Alzheimer's disease in the context of a structured 5-phase development framework. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2121-2139	8.8	18
40	Clinical utility of FDG-PET in amyotrophic lateral sclerosis and Huntington's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1546-1556	8.8	17
39	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. <i>Pattern Analysis and Applications</i> , 2016 , 19, 579-591	2.3	17
38	Abnormalities in cortical gray matter density in borderline personality disorder. <i>European Psychiatry</i> , 2015 , 30, 221-7	6	17
37	Incremental value of amyloid-PET versus CSF in the diagnosis of Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 270-280	8.8	17
36	Manual segmentation qualification platform for the EADC-ADNI harmonized protocol for hippocampal segmentation project. <i>Alzheimers and Dementia</i> , 2015 , 11, 161-74	1.2	16
35	Progress update from the hippocampal subfields group. <i>Alzheimers and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 439-449	5.2	16
34	Assessing FDG-PET diagnostic accuracy studies to develop recommendations for clinical use in dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1470-1486	8.8	15
33	Cognitive rehabilitation for severe dementia: critical observations for better use of existing knowledge. <i>Mechanisms of Ageing and Development</i> , 2006 , 127, 166-72	5.6	14
32	Clinical validity of increased cortical uptake of [F]flortaucipir on PET as a biomarker for Alzheimer's disease in the context of a structured 5-phase biomarker development framework. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2097-2109	8.8	14
31	Italian consensus recommendations for a biomarker-based aetiological diagnosis in mild cognitive impairment patients. <i>European Journal of Neurology</i> , 2020 , 27, 475-483	6	13

30	Assessment of longitudinal hippocampal atrophy in the first year after ischemic stroke using automatic segmentation techniques. <i>NeuroImage: Clinical</i> , 2019 , 24, 102008	5.3	12
29	Multiple RF classifier for the hippocampus segmentation: Method and validation on EADC-ADNI Harmonized Hippocampal Protocol. <i>Physica Medica</i> , 2015 , 31, 1085-1091	2.7	12
28	Norms for imaging markers of brain reserve. <i>Journal of Alzheimerts Disease</i> , 2012 , 31, 623-33	4.3	12
27	The effect of apolipoprotein polymorphism on brain in mild cognitive impairment: a voxel-based morphometric study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006 , 22, 60-6	2.6	12
26	HOXA1 A218G polymorphism is associated with smaller cerebellar volume in healthy humans. <i>Journal of Neuroimaging</i> , 2009 , 19, 353-8	2.8	11
25	The CST3 B haplotype is associated with frontotemporal lobar degeneration. <i>European Journal of Neurology</i> , 2010 , 17, 143-6	6	11
24	Hippocampal and amygdalar local structural differences in elderly patients with schizophrenia. <i>American Journal of Geriatric Psychiatry</i> , 2015 , 23, 47-58	6.5	10
23	Quantitative appraisal of the Amyloid Imaging Taskforce appropriate use criteria for amyloid-PET. <i>Alzheimerts and Dementia</i> , 2018 , 14, 1088-1098	1.2	10
22	The strategic biomarker roadmap for the validation of Alzheimer's diagnostic biomarkers: methodological update. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2070-2085	8.8	10
21	H1 haplotype of the MAPT gene is associated with lower regional gray matter volume in healthy carriers. <i>European Journal of Human Genetics</i> , 2009 , 17, 287-94	5.3	9
20	Clinical characteristics of frontotemporal patients with symmetric brain atrophy. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2002 , 252, 235-9	5.1	9
19	The A/T/N model applied through imaging biomarkers in a memory clinic. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 247-255	8.8	9
18	Clinical validity of second-generation tau PET tracers as biomarkers for Alzheimer's disease in the context of a structured 5-phase development framework. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2110-2120	8.8	9
17	Medial temporal lobe atrophy and posterior atrophy scales normative values. <i>NeuroImage: Clinical</i> , 2019 , 24, 101936	5.3	8
16	Impact of alcohol consumption in healthy adults: a magnetic resonance imaging investigation. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 224, 96-103	2.9	8
15	Effect of the XbaI polymorphism of estrogen receptor alpha on postmenopausal gray matter. <i>Neuroscience Letters</i> , 2008 , 434, 304-9	3.3	8
14	Harmonizing neuropsychological assessment for mild neurocognitive disorders in Europe. <i>Alzheimerts and Dementia</i> , 2021 ,	1.2	6
13	Outcomes of clinical utility in amyloid-PET studies: state of art and future perspectives. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2157-2168	8.8	5

12	Clinical validity of increased cortical binding of tau ligands of the THK family and PBB3 on PET as biomarkers for Alzheimer's disease in the context of a structured 5-phase development framework. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2086-2096	8.8	4
11	Diagnostic value of amyloid-PET and tau-PET: a head-to-head comparison. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2200-2211	8.8	4
10	Do Beliefs about the Pathogenetic Role of Amyloid Affect the Interpretation of Amyloid PET in the Clinic. <i>Neurodegenerative Diseases</i> , 2016 , 16, 111-7	2.3	3
9	Delphi Consensus on Landmarks for the Manual Segmentation of the Hippocampus on MRI: Preliminary Results from the EADC-ADNI Harmonized Protocol Working Group (S04.003). <i>Neurology</i> , 2012 , 78, S04.003-S04.003	6.5	3
8	Comparison of visual criteria for amyloid-PET reading: could criteria merging reduce inter-rater variability?. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 64, 414-421	1.4	3
7	The biomarker roadmap for the validation for Alzheimer's biomarkers: Methodological update for biomarkers of tauopathy. <i>Alzheimers and Dementia</i> , 2020 , 16, e039063	1.2	2
6	IC-P-124: VALIDATION OF THE EADC-ADNI HARMONIZED PROTOCOL FOR MANUAL HIPPOCAMPAL SEGMENTATION 2014 , 10, P70-P70		2
5	Manual segmentation certification platform 2013 ,		1
4	IC-P-071: THE EFFECT OF APOE ON WHITE MATTER LESIONS 2018 , 14, P63-P64		1
3	Answer to "Social cognition assessment for mild neurocognitive disorders".. <i>Alzheimers and Dementia</i> , 2022 ,	1.2	0
2	P4-064: THE EFFECT OF APOE ON WHITE MATTER LESIONS 2018 , 14, P1457-P1457		
1	Distance assessment of cognitive deficits in older immigrants.. <i>Alzheimers and Dementia</i> , 2021 , 17 Suppl 8, e049315	1.2	