Alberto Redolfi

List of Publications by Year
in descending order

40 papers	2,205 citations	257357 24 h-index	302012 39 g-index
42 all docs	42 docs citations	42 times ranked	4418 citing authors

#	ARTICLE	IF	CITATIONS
1	Apolipoprotein E Genotype and Sex Risk Factors for Alzheimer Disease. JAMA Neurology, 2017, 74, 1178.	4.5	454
2	Resting state cortical electroencephalographic rhythms are related to gray matter volume in subjects with mild cognitive impairment and Alzheimer's disease. Human Brain Mapping, 2013, 34, 1427-1446.	1.9	142
3	Survey of Protocols for the Manual Segmentation of the Hippocampus: Preparatory Steps Towards a Joint EADC-ADNI Harmonized Protocol. Journal of Alzheimer's Disease, 2011, 26, 61-75.	1.2	125
4	Delphi definition of the EADCâ€ADNI Harmonized Protocol for hippocampal segmentation on magnetic resonance. Alzheimer's and Dementia, 2015, 11, 126-138.	0.4	123
5	Mild cognitive impairment with suspected nonamyloid pathology (SNAP). Neurology, 2015, 84, 508-515.	1.5	122
6	Disease Tracking Markers for Alzheimer's Disease at the Prodromal (MCI) Stage. Journal of Alzheimer's Disease, 2011, 26, 159-199.	1.2	120
7	Training labels for hippocampal segmentation based on the EADCâ€ADNI harmonized hippocampal protocol. Alzheimer's and Dementia, 2015, 11, 175-183.	0.4	105
8	Assessment of the Incremental Diagnostic Value of Florbetapir F 18 Imaging in Patients With Cognitive Impairment. JAMA Neurology, 2016, 73, 1417.	4.5	84
9	Integrating longitudinal information in hippocampal volume measurements for the early detection of Alzheimer's disease. NeuroImage, 2016, 125, 834-847.	2.1	76
10	MRI predictors of amyloid pathology: results from the EMIF-AD Multimodal Biomarker Discovery study. Alzheimer's Research and Therapy, 2018, 10, 100.	3.0	64
11	Virtual imaging laboratories for marker discovery in neurodegenerative diseases. Nature Reviews Neurology, 2011, 7, 429-438.	4.9	56
12	Grid infrastructures for computational neuroscience: the neuGRID example. Future Neurology, 2009, 4, 703-722.	0.9	55
13	Head-to-Head Comparison of Two Popular Cortical Thickness Extraction Algorithms: A Cross-Sectional and Longitudinal Study. PLoS ONE, 2015, 10, e0117692.	1.1	53
14	Resting State Cortical Electroencephalographic Rhythms and White Matter Vascular Lesions in Subjects with Alzheimer's Disease: An Italian Multicenter Study. Journal of Alzheimer's Disease, 2011, 26, 331-346.	1.2	48
15	Operationalizing protocol differences for EADCâ€ADNI manual hippocampal segmentation. Alzheimer's and Dementia, 2015, 11, 184-194.	0.4	48
16	Neuroharmony: A new tool for harmonizing volumetric MRI data from unseen scanners. NeuroImage, 2020, 220, 117127.	2.1	48
17	Assessing the reproducibility of the SienaX and Siena brain atrophy measures using the ADNI back-to-back MP-RAGE MRI scans. Psychiatry Research - Neuroimaging, 2011, 193, 182-190.	0.9	43
18	Multi-study validation of data-driven disease progression models to characterize evolution of biomarkers in Alzheimer's disease. NeuroImage: Clinical, 2019, 24, 101954.	1.4	42

#	Article	IF	Citations
19	Using normative modelling to detect disease progression in mild cognitive impairment and Alzheimer's disease in a cross-sectional multi-cohort study. Scientific Reports, 2021, 11, 15746.	1.6	37
20	The impact of automated hippocampal volumetry on diagnostic confidence in patients with suspected Alzheimer's disease: A European Alzheimer's Disease Consortium study. Alzheimer's and Dementia, 2017, 13, 1013-1023.	0.4	33
21	Automated voxel-by-voxel tissue classification for hippocampal segmentation: Methods and validation. Physica Medica, 2014, 30, 878-887.	0.4	31
22	Brain investigation and brain conceptualization. Functional Neurology, 2013, 28, 175-90.	1.3	30
23	Hippocampal atrophy has limited usefulness as a diagnostic biomarker on the early onset Alzheimer's disease patients: A comparison between visual and quantitative assessment. NeuroImage: Clinical, 2019, 23, 101927.	1.4	29
24	A comparison of automated segmentation and manual tracing in estimating hippocampal volume in ischemic stroke and healthy control participants. NeuroImage: Clinical, 2019, 21, 101581.	1.4	27
25	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. Pattern Analysis and Applications, 2016, 19, 579-591.	3.1	24
26	The Italian Alzheimer's Disease Neuroimaging Initiative (I-ADNI): Validation of Structural MR Imaging. Journal of Alzheimer's Disease, 2014, 40, 941-952.	1.2	22
27	Reproducibility of hippocampal atrophy rates measured with manual, FreeSurfer, AdaBoost, FSL/FIRST and the MAPS-HBSI methods in Alzheimer's disease. Psychiatry Research - Neuroimaging, 2016, 252, 26-35.	0.9	20
28	Assessment of longitudinal hippocampal atrophy in the first year after ischemic stroke using automatic segmentation techniques. NeuroImage: Clinical, 2019, 24, 102008.	1.4	18
29	Quantitative MRI Harmonization to Maximize Clinical Impact: The RIN–Neuroimaging Network. Frontiers in Neurology, 2022, 13, 855125.	1.1	16
30	Multiple RF classifier for the hippocampus segmentation: Method and validation on EADC-ADNI Harmonized Hippocampal Protocol. Physica Medica, 2015, 31, 1085-1091.	0.4	15
31	Inter-Cohort Validation of SuStaIn Model for Alzheimer's Disease. Frontiers in Big Data, 2021, 4, 661110.	1.8	15
32	The SIENA/FSL whole brain atrophy algorithm is no more reproducible at 3 T than 1.5 T for Alzheimer×³s disease. Psychiatry Research - Neuroimaging, 2014, 224, 14-21.	0.9	12
33	Postinfectious Neurologic Complications in COVID-19: A Complex Case Report. Journal of Nuclear Medicine, 2021, 62, 1171-1176.	2.8	12
34	Neuroimaging Feature Terminology: A Controlled Terminology for the Annotation of Brain Imaging Features. Journal of Alzheimer's Disease, 2017, 59, 1153-1169.	1.2	11
35	Can measuring hippocampal atrophy with a fully automatic method be substantially less noisy than manual segmentation over both 1 and 3 years?. Psychiatry Research - Neuroimaging, 2018, 280, 39-47.	0.9	11
36	Prognostic value of Alzheimer's biomarkers in mild cognitive impairment: the effect of age at onset. Journal of Neurology, 2019, 266, 2535-2545.	1.8	11

#	Article	IF	Citations
37	Medical Informatics Platform (MIP): A Pilot Study Across Clinical Italian Cohorts. Frontiers in Neurology, 2020, 11, 1021.	1.1	10
38	A Comparison of Two Statistical Mapping Tools for Automated Brain FDG-PET Analysis in Predicting Conversion to Alzheimer's Disease in Subjects with Mild Cognitive Impairment. Current Alzheimer Research, 2021, 17, 1186-1194.	0.7	4
39	Norms for Automatic Estimation of Hippocampal Atrophy and a Step Forward for Applicability to the Italian Population. Frontiers in Neuroscience, 2021, 15, 656808.	1.4	4
40	E-Infrastructures for Neuroscientists: The GAAIN and neuGRID Examples. Springer INdAM Series, 2017, , 161-176.	0.4	0