

Alberto Redolfi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,205
citations

257357

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302012

39
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42
all docs

42
docs citations

42
times ranked

4418
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative MRI Harmonization to Maximize Clinical Impact: The RINê€“Neuroimaging Network. <i>Frontiers in Neurology</i> , 2022, 13, 855125.	1.1	16
2	A Comparison of Two Statistical Mapping Tools for Automated Brain FDG-PET Analysis in Predicting Conversion to Alzheimerê€™s Disease in Subjects with Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2021, 17, 1186-1194.	0.7	4
3	Postinfectious Neurologic Complications in COVID-19: Aê€“Complex Case Report. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1171-1176.	2.8	12
4	Inter-Cohort Validation of SuStaln Model for Alzheimerê€™s Disease. <i>Frontiers in Big Data</i> , 2021, 4, 661110.	1.8	15
5	Norms for Automatic Estimation of Hippocampal Atrophy and a Step Forward for Applicability to the Italian Population. <i>Frontiers in Neuroscience</i> , 2021, 15, 656808.	1.4	4
6	Using normative modelling to detect disease progression in mild cognitive impairment and Alzheimerê€™s disease in a cross-sectional multi-cohort study. <i>Scientific Reports</i> , 2021, 11, 15746.	1.6	37
7	Neuroharmony: A new tool for harmonizing volumetric MRI data from unseen scanners. <i>NeuroImage</i> , 2020, 220, 117127.	2.1	48
8	Medical Informatics Platform (MIP): A Pilot Study Across Clinical Italian Cohorts. <i>Frontiers in Neurology</i> , 2020, 11, 1021.	1.1	10
9	Hippocampal atrophy has limited usefulness as a diagnostic biomarker on the early onset Alzheimer's disease patients: A comparison between visual and quantitative assessment. <i>NeuroImage: Clinical</i> , 2019, 23, 101927.	1.4	29
10	Multi-study validation of data-driven disease progression models to characterize evolution of biomarkers in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101954.	1.4	42
11	Prognostic value of Alzheimerê€™s biomarkers in mild cognitive impairment: the effect of age at onset. <i>Journal of Neurology</i> , 2019, 266, 2535-2545.	1.8	11
12	Assessment of longitudinal hippocampal atrophy in the first year after ischemic stroke using automatic segmentation techniques. <i>NeuroImage: Clinical</i> , 2019, 24, 102008.	1.4	18
13	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.	1.4	27
14	MRI predictors of amyloid pathology: results from the EMIF-AD Multimodal Biomarker Discovery study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 100.	3.0	64
15	Can measuring hippocampal atrophy with a fully automatic method be substantially less noisy than manual segmentation over both 1 and 3 years?. <i>Psychiatry Research - Neuroimaging</i> , 2018, 280, 39-47.	0.9	11
16	The impact of automated hippocampal volumetry on diagnostic confidence in patients with suspected Alzheimer's disease: A European Alzheimer's Disease Consortium study. <i>Alzheimer's and Dementia</i> , 2017, 13, 1013-1023.	0.4	33
17	Apolipoprotein E Genotype and Sex Risk Factors for Alzheimer Disease. <i>JAMA Neurology</i> , 2017, 74, 1178.	4.5	454
18	Neuroimaging Feature Terminology: A Controlled Terminology for the Annotation of Brain Imaging Features. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1153-1169.	1.2	11

#	ARTICLE	IF	CITATIONS
19	E-Infrastructures for Neuroscientists: The GAAIN and neuGRID Examples. Springer INdAM Series, 2017, , 161-176.	0.4	0
20	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
21	Assessment of the Incremental Diagnostic Value of Florbetapir F 18 Imaging in Patients With Cognitive Impairment. JAMA Neurology, 2016, 73, 1417.	4.5	84
22	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. Pattern Analysis and Applications, 2016, 19, 579-591.	3.1	24
23	Integrating longitudinal information in hippocampal volume measurements for the early detection of Alzheimer's disease. NeuroImage, 2016, 125, 834-847.	2.1	76
24	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
25	Training labels for hippocampal segmentation based on the EADC-ADNI harmonized hippocampal protocol. Alzheimer's and Dementia, 2015, 11, 175-183.	0.4	105
26	Delphi definition of the EADC-ADNI Harmonized Protocol for hippocampal segmentation on magnetic resonance. Alzheimer's and Dementia, 2015, 11, 126-138.	0.4	123
27	Mild cognitive impairment with suspected nonamyloid pathology (SNAP). Neurology, 2015, 84, 508-515.	1.5	122
28	Operationalizing protocol differences for EADC-ADNI manual hippocampal segmentation. Alzheimer's and Dementia, 2015, 11, 184-194.	0.4	48
29	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
30	Automated voxel-by-voxel tissue classification for hippocampal segmentation: Methods and validation. Physica Medica, 2014, 30, 878-887.	0.4	31
31	The SIENA/FSL whole brain atrophy algorithm is no more reproducible at 3 T than 1.5 T for Alzheimer's disease. Psychiatry Research - Neuroimaging, 2014, 224, 14-21.	0.9	12
32	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
33	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
34	Brain investigation and brain conceptualization. Functional Neurology, 2013, 28, 175-90.	1.3	30
35	Virtual imaging laboratories for marker discovery in neurodegenerative diseases. Nature Reviews Neurology, 2011, 7, 429-438.	4.9	56
36	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

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37	Survey of Protocols for the Manual Segmentation of the Hippocampus: Preparatory Steps Towards a Joint EADC-ADNI Harmonized Protocol. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 61-75.	1.2	125
38	Disease Tracking Markers for Alzheimer's Disease at the Prodromal (MCI) Stage. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 159-199.	1.2	120
39	Assessing the reproducibility of the SienaX and Siena brain atrophy measures using the ADNI back-to-back MP-RAGE MRI scans. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 182-190.	0.9	43
40	Grid infrastructures for computational neuroscience: the neuGRID example. <i>Future Neurology</i> , 2009, 4, 703-722.	0.9	55