

Ahmed Abdulkadir

List of Publications by Year in descending order

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41
papers

5,351
citations

361413

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302126

39
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42
all docs

42
docs citations

42
times ranked

8169
citing authors

#	ARTICLE	IF	CITATIONS
1	3D U-Net: Learning Dense Volumetric Segmentation from Sparse Annotation. Lecture Notes in Computer Science, 2016, , 424-432.	1.3	2,388
2	U-Net: deep learning for cell counting, detection, and morphometry. Nature Methods, 2019, 16, 67-70.	19.0	1,242
3	Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge. NeuroImage, 2015, 111, 562-579.	4.2	266
4	Diagnostic neuroimaging across diseases. NeuroImage, 2012, 61, 457-463.	4.2	240
5	An evaluation of volume-based morphometry for prediction of mild cognitive impairment and Alzheimer's disease. NeuroImage: Clinical, 2015, 7, 7-17.	2.7	217
6	Gray matter atrophy pattern in elderly with subjective memory impairment. Alzheimer's and Dementia, 2014, 10, 99-108.	0.8	129
7	Insomnia Does Not Appear to be Associated With Substantial Structural Brain Changes. Sleep, 2013, 36, 731-737.	1.1	97
8	Effects of hardware heterogeneity on the performance of SVM Alzheimer's disease classifier. NeuroImage, 2011, 58, 785-792.	4.2	84
9	Applying Automated MR-Based Diagnostic Methods to the Memory Clinic: A Prospective Study. Journal of Alzheimer's Disease, 2015, 47, 939-954.	2.6	63
10	Multiple sclerosis cortical and WM lesion segmentation at 3T MRI: a deep learning method based on FLAIR and MP2RAGE. NeuroImage: Clinical, 2020, 27, 102335.	2.7	54
11	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. JAMA Psychiatry, 2022, 79, 464.	11.0	47
12	A comparison of different automated methods for the detection of white matter lesions in MRI data. NeuroImage, 2011, 57, 416-422.	4.2	46
13	Correction of inter-scanner and within-subject variance in structural MRI based automated diagnosing. NeuroImage, 2014, 98, 405-415.	4.2	40
14	Deep Generative Medical Image Harmonization for Improving Cross-Site Generalization in Deep Learning Predictors. Journal of Magnetic Resonance Imaging, 2022, 55, 908-916.	3.4	38
15	A deep learning framework identifies dimensional representations of Alzheimer's Disease from brain structure. Nature Communications, 2021, 12, 7065.	12.8	38
16	Interregional compensatory mechanisms of motor functioning in progressing preclinical neurodegeneration. NeuroImage, 2013, 75, 146-154.	4.2	30
17	Subgroups of Alzheimer's Disease: Stability of Empirical Clusters Over Time. Journal of Alzheimer's Disease, 2014, 42, 651-661.	2.6	28
18	Multi-scale semi-supervised clustering of brain images: Deriving disease subtypes. Medical Image Analysis, 2022, 75, 102304.	11.6	28

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19	Anodal tDCS Enhances Verbal Episodic Memory in Initially Low Performers. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 542.	2.0	27
20	Cross-sectional and longitudinal voxel-based grey matter asymmetries in Huntington's disease. <i>NeuroImage: Clinical</i> , 2018, 17, 312-324.	2.7	23
21	Development and clinical implementation of tailored image analysis tools for COVID-19 in the midst of the pandemic: The synergetic effect of an open, clinically embedded software development platform and machine learning. <i>European Journal of Radiology</i> , 2020, 131, 109233.	2.6	23
22	Real-world navigation in amnesic mild cognitive impairment: The relation to visuospatial memory and volume of hippocampal subregions. <i>Neuropsychologia</i> , 2018, 109, 86-94.	1.6	21
23	Alterations and testâ€“retest reliability of functional connectivity network measures in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2020, 41, 2629-2641.	3.6	19
24	Voxel-wise deviations from healthy aging for the detection of region-specific atrophy. <i>NeuroImage: Clinical</i> , 2018, 20, 851-860.	2.7	18
25	Determinants of Inter-Individual Variability in Corticomotor Excitability Induced by Paired Associative Stimulation. <i>Frontiers in Neuroscience</i> , 2019, 13, 841.	2.8	18
26	Functional and Structural MRI Biomarkers to Detect Pre-Clinical Neurodegeneration. <i>Current Alzheimer Research</i> , 2013, 10, 125-134.	1.4	16
27	Large-scale brain network abnormalities in Huntington's disease revealed by structural covariance. <i>Human Brain Mapping</i> , 2016, 37, 67-80.	3.6	15
28	Biological Factors Contributing to the Response to Cognitive Training in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 333-345.	2.6	13
29	Combining MRI and Histologic Imaging Features for Predicting Overall Survival in Patients with Glioma. <i>Radiology Imaging Cancer</i> , 2021, 3, e200108.	1.6	12
30	Separating Symptomatic Alzheimerâ€™s Disease from Depression based on Structural MRI. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 353-363.	2.6	10
31	Automated Detection of Cortical Lesions in Multiple Sclerosis Patients with 7T MRI. <i>Lecture Notes in Computer Science</i> , 2020, , 584-593.	1.3	9
32	Reduction of confounding effects with voxel-wise Gaussian process regression in structural MRI. , 2014, , .		8
33	Detection of Motor Changes in Huntington's Disease Using Dynamic Causal Modeling. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 634.	2.0	8
34	Structural organization of the praxis network predicts gesture production: Evidence from healthy subjects and patients with schizophrenia. <i>Cortex</i> , 2020, 132, 322-333.	2.4	7
35	Automated voxel- and region-based analysis of gray matter and cerebrospinal fluid space in primary dementia disorders. <i>Brain Research</i> , 2020, 1739, 146800.	2.2	7
36	Atri-U: assisted image analysis in routine cardiovascular magnetic resonance volumetry of the left atrium. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 133.	3.3	6

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37	Detection of preclinical neural dysfunction from functional connectivity graphs derived from task fMRI. An example from degeneration. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 322-330.	1.8	5
38	Analysis of MRI Data in Diagnostic Neuroradiology. <i>Annual Review of Biomedical Data Science</i> , 2020, 3, 365-390.	6.5	5
39	Functional Magnetic Resonance Imaging in Alzheimerâ€™ Disease Drug Development. <i>Methods in Molecular Biology</i> , 2018, 1750, 159-163.	0.9	4
40	Informant Questionnaires in Dedicated Memory Clinics: How Much Do They Contribute?. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 106-113.	2.6	1
41	T177. STRUCTURAL ORGANIZATION OF THE PRAXIS NETWORK PREDICTS GESTURE PRODUCTION: EVIDENCE FROM HEALTHY SUBJECTS AND PATIENTS WITH SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018, 44, S184-S185.	4.3	0