Ahmed Abdulkadir

List of Publications by Year
in descending order

41 papers	5,351 citations	361413 20 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	8169 citing authors

#	Article	IF	Citations
1	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
2	Multi-scale semi-supervised clustering of brain images: Deriving disease subtypes. Medical Image Analysis, 2022, 75, 102304.	11.6	28
3	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. JAMA Psychiatry, 2022, 79, 464.	11.0	47
4	Informant Questionnaires in Dedicated Memory Clinics: How Much Do They Contribute?. Journal of the American Geriatrics Society, 2021, 69, 106-113.	2.6	1
5	Combining MRI and Histologic Imaging Features for Predicting Overall Survival in Patients with Glioma. Radiology Imaging Cancer, 2021, 3, e200108.	1.6	12
6	Atri-U: assisted image analysis in routine cardiovascular magnetic resonance volumetry of the left atrium. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 133.	3.3	6
7	A deep learning framework identifies dimensional representations of Alzheimer's Disease from brain structure. Nature Communications, 2021, 12, 7065.	12.8	38
8	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
9	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. European Journal of Radiology, 2020, 131, 109233.	2.6	23
10	Structural organization of the praxis network predicts gesture production: Evidence from healthy subjects and patients with schizophrenia. Cortex, 2020, 132, 322-333.	2.4	7
11	Analysis of MRI Data in Diagnostic Neuroradiology. Annual Review of Biomedical Data Science, 2020, 3, 365-390.	6.5	5
12	Alterations and test–retest reliability of functional connectivity network measures in cerebral small vessel disease. Human Brain Mapping, 2020, 41, 2629-2641.	3.6	19
13	Automated voxel- and region-based analysis of gray matter and cerebrospinal fluid space in primary dementia disorders. Brain Research, 2020, 1739, 146800.	2.2	7
14	Automated Detection of Cortical Lesions in Multiple Sclerosis Patients with 7T MRI. Lecture Notes in Computer Science, 2020, , 584-593.	1.3	9
15	Determinants of Inter-Individual Variability in Corticomotor Excitability Induced by Paired Associative Stimulation. Frontiers in Neuroscience, 2019, 13, 841.	2.8	18
16	U-Net: deep learning for cell counting, detection, and morphometry. Nature Methods, 2019, 16, 67-70.	19.0	1,242
17	Separating Symptomatic Alzheimer's Disease from Depression based on Structural MRI. Journal of Alzheimer's Disease, 2018, 63, 353-363.	2.6	10
18	Cross-sectional and longitudinal voxel-based grey matter asymmetries in Huntington's disease. NeuroImage: Clinical, 2018, 17, 312-324.	2.7	23

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19	Real-world navigation in amnestic mild cognitive impairment: The relation to visuospatial memory and volume of hippocampal subregions. Neuropsychologia, 2018, 109, 86-94.	1.6	21
20	T177. STRUCTURAL ORGANIZATION OF THE PRAXIS NETWORK PREDICTS GESTURE PRODUCTION: EVIDENCE FROM HEALTHY SUBJECTS AND PATIENTS WITH SCHIZOPHRENIA. Schizophrenia Bulletin, 2018, 44, S184-S185.	4.3	0
21	Voxel-wise deviations from healthy aging for the detection of region-specific atrophy. NeuroImage: Clinical, 2018, 20, 851-860.	2.7	18
22	Functional Magnetic Resonance Imaging in Alzheimerâ€™ Disease Drug Development. Methods in Molecular Biology, 2018, 1750, 159-163.	0.9	4
23	Biological Factors Contributing to the Response to Cognitive Training in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2017, 61, 333-345.	2.6	13
24	Anodal tDCS Enhances Verbal Episodic Memory in Initially Low Performers. Frontiers in Human Neuroscience, 2017, 11, 542.	2.0	27
25	Large-scale brain network abnormalities in Huntington's disease revealed by structural covariance. Human Brain Mapping, 2016, 37, 67-80.	3.6	15
26	3D U-Net: Learning Dense Volumetric Segmentation from Sparse Annotation. Lecture Notes in Computer Science, 2016, , 424-432.	1.3	2,388
27	Detection of Motor Changes in Huntington's Disease Using Dynamic Causal Modeling. Frontiers in Human Neuroscience, 2015, 9, 634.	2.0	8
28	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
29	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
30	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
31	Reduction of confounding effects with voxel-wise Gaussian process regression in structural MRI. , 2014, , .		8
32	Gray matter atrophy pattern in elderly with subjective memory impairment. Alzheimer's and Dementia, 2014, 10, 99-108.	0.8	129
33	Correction of inter-scanner and within-subject variance in structural MRI based automated diagnosing. NeuroImage, 2014, 98, 405-415.	4.2	40
34	Subgroups of Alzheimer's Disease: Stability of Empirical Clusters Over Time. Journal of Alzheimer's Disease, 2014, 42, 651-661.	2.6	28
35	Interregional compensatory mechanisms of motor functioning in progressing preclinical neurodegeneration. NeuroImage, 2013, 75, 146-154.	4.2	30
36	Detection of preclinical neural dysfunction from functional connectivity graphs derived from task fMRI. An example from degeneration. Psychiatry Research - Neuroimaging, 2013, 214, 322-330.	1.8	5

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37	Insomnia Does Not Appear to be Associated With Substantial Structural Brain Changes. Sleep, 2013, 36, 731-737.	1.1	97
38	Functional and Structural MRI Biomarkers to Detect Pre-Clinical Neurodegeneration. Current Alzheimer Research, 2013, 10, 125-134.	1.4	16
39	Diagnostic neuroimaging across diseases. NeuroImage, 2012, 61, 457-463.	4.2	240
40	A comparison of different automated methods for the detection of white matter lesions in MRI data. NeuroImage, 2011, 57, 416-422.	4.2	46
41	Effects of hardware heterogeneity on the performance of SVM Alzheimer's disease classifier. NeuroImage, 2011, 58, 785-792.	4.2	84