Jimit Doshi

List of Publications by Year
in descending order

37 papers	3,141 citations	218381 26 h-index	329751 37 g-index
37 all docs	37 docs citations	37 times ranked	5716 citing authors

#	Article	IF	Citations
1	Association of hearing impairment with brain volume changes in older adults. NeuroImage, 2014, 90, 84-92.	2.1	366
2	Association of Intensive vs Standard Blood Pressure Control With Cerebral White Matter Lesions. JAMA - Journal of the American Medical Association, 2019, 322, 524.	3.8	285
3	Harmonization of large MRI datasets for the analysis of brain imaging patterns throughout the lifespan. NeuroImage, 2020, 208, 116450.	2.1	260
4	MUSE: MUlti-atlas region Segmentation utilizing Ensembles of registration algorithms and parameters, and locally optimal atlas selection. NeuroImage, 2016, 127, 186-195.	2.1	210
5	Multi-Atlas Skull-Stripping. Academic Radiology, 2013, 20, 1566-1576.	1.3	196
6	Right ventricle segmentation from cardiac MRI: A collation study. Medical Image Analysis, 2015, 19, 187-202.	7.0	189
7	MRI signatures of brain age and disease over the lifespan based on a deep brain network and 14â€‰468 individuals worldwide. Brain, 2020, 143, 2312-2324.	3.7	183
8	Two distinct neuroanatomical subtypes of schizophrenia revealed using machine learning. Brain, 2020, 143, 1027-1038.	3.7	158
9	Multisite Machine Learning Analysis Provides a Robust Structural Imaging Signature of Schizophrenia Detectable Across Diverse Patient Populations and Within Individuals. Schizophrenia Bulletin, 2018, 44, 1035-1044.	2.3	118
10	Heterogeneity of neuroanatomical patterns in prodromal Alzheimerâ€™s disease: links to cognition, progression and biomarkers. Brain, 2017, 140, aww319.	3.7	114
11	Volumetric Analysis from a Harmonized Multisite Brain MRI Study of a Single Subject with Multiple Sclerosis. American Journal of Neuroradiology, 2017, 38, 1501-1509.	1.2	95
12	White matter lesions. Neurology, 2018, 91, e964-e975.	1.5	92
13	Radiomic signature of infiltration in peritumoral edema predicts subsequent recurrence in glioblastoma: implications for personalized radiotherapy planning. Journal of Medical Imaging, 2018, 5, 1.	0.8	82
14	Correlating Cognitive Decline with White Matter Lesion and Brain Atrophy Magnetic Resonance Imaging Measurements inÂAlzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2015, 48, 987-994.	1.2	67
15	Sex differences in brain aging and predictors of neurodegeneration in cognitively healthy older adults. Neurobiology of Aging, 2019, 81, 146-156.	1.5	67
16	Association of Midlife Hearing Impairment With Late-Life Temporal Lobe Volume Loss. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 794.	1.2	65
17	Elevated Markers of Inflammation Are Associated With Longitudinal Changes in Brain Function in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 770-778.	1.7	55
18	Longitudinally and inter-site consistent multi-atlas based parcellation of brain anatomy using harmonized atlases. NeuroImage, 2018, 166, 71-78.	2.1	47

#	Article	IF	Citations
19	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. JAMA Psychiatry, 2022, 79, 464.	6.0	47
20	Associations between cognitive and brain volume changes in cognitively normal older adults. NeuroImage, 2020, 223, 117289.	2.1	46
21	Neuroanatomical Classification in a Population-Based Sample of Psychotic Major Depression and Bipolar I Disorder with 1 Year of Diagnostic Stability. BioMed Research International, 2014, 2014, 1-9.	0.9	44
22	Bile acid synthesis, modulation, and dementia: A metabolomic, transcriptomic, and pharmacoepidemiologic study. PLoS Medicine, 2021, 18, e1003615.	3.9	38
23	Relationship between <i>APOE</i> Genotype and Structural MRI Measures throughout Adulthood in the Study of Health in Pomerania Population-Based Cohort. American Journal of Neuroradiology, 2016, 37, 1636-1642.	1.2	36
24	<i>APOE</i>, thought disorder, and SPARE€AD predict cognitive decline in established Parkinson's disease. Movement Disorders, 2018, 33, 289-297.	2.2	35
25	Predictors of neurodegeneration differ between cognitively normal and subsequently impaired older adults. Neurobiology of Aging, 2019, 75, 178-186.	1.5	35
26	Brain extraction on MRI scans in presence of diffuse glioma: Multi-institutional performance evaluation of deep learning methods and robust modality-agnostic training. NeuroImage, 2020, 220, 117081.	2.1	35
27	Diagnostic potential of structural neuroimaging for depression from a multi-ethnic community sample. BJPsych Open, 2016, 2, 247-254.	0.3	27
28	Neuroimaging Findings in US Government Personnel With Possible Exposure to Directional Phenomena in Havana, Cuba. JAMA - Journal of the American Medical Association, 2019, 322, 336.	3.8	27
29	An Alzheimer's Disease-Derived Biomarker Signature Identifies Parkinson's Disease Patients with Dementia. PLoS ONE, 2016, 11, e0147319.	1.1	25
30	Multimodal Magnetic Resonance Imaging Study of Treatment-Naïve Adults with Attention-Deficit/Hyperactivity Disorder. PLoS ONE, 2014, 9, e110199.	1.1	24
31	A comparison of Freesurfer and multi-atlas MUSE for brain anatomy segmentation: Findings about size and age bias, and inter-scanner stability in multi-site aging studies. NeuroImage, 2020, 223, 117248.	2.1	23
32	Sex differences in the association between amyloid and longitudinal brain volume change in cognitively normal older adults. NeuroImage: Clinical, 2019, 22, 101769.	1.4	20
33	Disentangling Alzheimer's disease neurodegeneration from typical brain ageing using machine learning. Brain Communications, 2022, 4, .	1.5	12
34	Tau pathology mediates age effects on medial temporal lobe structure. Neurobiology of Aging, 2022, 109, 135-144.	1.5	8
35	Leveraging machine learning predictive biomarkers to augment the statistical power of clinical trials with baseline magnetic resonance imaging. Brain Communications, 2021, 3, fcab264.	1.5	5
36	Self- and Partner-Reported Subjective Memory Complaints: Association with Objective Cognitive Impairment and Risk of Decline. Journal of Alzheimer's Disease Reports, 2022, 6, 411-430.	1.2	4

#	Article	IF	Citations
37	Association of hippocampal volume polygenic predictor score with baseline and change in brain volumes and cognition among cognitively healthy older adults. Neurobiology of Aging, 2020, 94, 81-88.	1.5	1