

Mahsa Dadar

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,288
citations

279487

23
h-index

288905

40
g-index

105
all docs

105
docs citations

105
times ranked

3169
citing authors

#	ARTICLE	IF	CITATIONS
1	Network structure and transcriptomic vulnerability shape atrophy in frontotemporal dementia. <i>Brain</i> , 2023, 146, 321-336.	3.7	30
2	Relationship between impulsivity, uncontrolled eating and body mass index: a hierarchical model. <i>International Journal of Obesity</i> , 2022, 46, 129-136.	1.6	12
3	White matter hyperintensities are associated with grey matter atrophy and cognitive decline in Alzheimer's disease and frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, 111, 54-63.	1.5	22
4	Regional brain atrophy and cognitive decline depend on definition of subjective cognitive decline. <i>NeuroImage: Clinical</i> , 2022, 33, 102923.	1.4	16
5	Ventricular features as reliable differentiators between bvFTD and other dementias. <i>NeuroImage: Clinical</i> , 2022, 33, 102947.	1.4	9
6	Diffusely abnormal white matter converts to T2 lesion volume in the absence of MRI-detectable acute inflammation. <i>Brain</i> , 2022, 145, 2008-2017.	3.7	5
7	A ketogenic intervention improves dorsal attention network functional and structural connectivity in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2022, 115, 77-87.	1.5	10
8	DARQ: Deep learning of quality control for stereotaxic registration of human brain MRI to the T1w MNI-ICBM 152 template. <i>NeuroImage</i> , 2022, 257, 119266.	2.1	7
9	Multi sequence average templates for aging and neurodegenerative disease populations. <i>Scientific Data</i> , 2022, 9, .	2.4	5
10	Impact of weight loss on brain age: Improved brain health following bariatric surgery. <i>NeuroImage</i> , 2022, 259, 119415.	2.1	13
11	White matter lesions may be an early marker for age-related cognitive decline. <i>NeuroImage: Clinical</i> , 2022, 35, 103096.	1.4	13
12	Conversion of diffusely abnormal white matter to focal lesions is linked to progression in secondary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 208-219.	1.4	12
13	The Longitudinal Assessment of Neuropsychiatric Symptoms in Mild Cognitive Impairment and Alzheimer's Disease and Their Association With White Matter Hyperintensities in the National Alzheimer's Coordinating Center's Uniform Data Set. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 70-78.	1.1	22
14	Amyloid and Tau Pathology Associations With Personality Traits, Neuropsychiatric Symptoms, and Cognitive Lifestyle in the Preclinical Phases of Sporadic and Autosomal Dominant Alzheimer's Disease. <i>Biological Psychiatry</i> , 2021, 89, 776-785.	0.7	30
15	BISON: Brain tissue segmentation pipeline using T ₁ -weighted magnetic resonance images and a random forest classifier. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1881-1894.	1.9	15
16	MRI data-driven algorithm for the diagnosis of behavioural variant frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 608-616.	0.9	10
17	Beware of white matter hyperintensities causing systematic errors in FreeSurfer gray matter segmentations!. <i>Human Brain Mapping</i> , 2021, 42, 2734-2745.	1.9	26
18	Association Between Midlife Obesity and Its Metabolic Consequences, Cerebrovascular Disease, and Cognitive Decline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4260-e4274.	1.8	63

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19	Alterations in Brain Network Organization in Adults With Obesity as Compared With Healthy-Weight Individuals and Seniors. <i>Psychosomatic Medicine</i> , 2021, 83, 700-706.	1.3	4
20	White matter hyperintensities mediate the impact of amyloid β on future freezing of gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2021, 85, 95-101.	1.1	12
21	MNI-FTD templates, unbiased average templates of frontotemporal dementia variants. <i>Scientific Data</i> , 2021, 8, 222.	2.4	5
22	Association between Visceral Adiposity Index, Binge Eating Behavior, and Grey Matter Density in Caudal Anterior Cingulate Cortex in Severe Obesity. <i>Brain Sciences</i> , 2021, 11, 1158.	1.1	7
23	Spontaneous neural activity changes after bariatric surgery: A resting-state fMRI study. <i>NeuroImage</i> , 2021, 241, 118419.	2.1	16
24	Automatic Prediction of Cognitive and Functional Decline Can Significantly Decrease the Number of Subjects Required for Clinical Trials in Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1-8.	1.2	2
25	Birth Cohorts and Cognitive Reserve Influence Cognitive Performances in Older Adults. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-18.	1.2	7
26	Subtyping mild cognitive impairment based on imaging and CSF biomarker levels. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
27	The temporal relationships between white matter hyperintensities, neurodegeneration, amyloid beta, and cognition. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12091.	1.2	26
28	Sex effects on brain structure in de novo Parkinson's disease: a multimodal neuroimaging study. <i>Brain</i> , 2020, 143, 3052-3066.	3.7	54
29	Cerebral atrophy in amyotrophic lateral sclerosis parallels the pathological distribution of TDP43. <i>Brain Communications</i> , 2020, 2, fcaa061.	1.5	22
30	Cognitive and motor correlates of grey and white matter pathology in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 27, 102353.	1.4	36
31	White matter hyperintensities and neuropsychiatric symptoms in mild cognitive impairment and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102367.	1.4	28
32	A novel ex vivo, in situ method to study the human brain through MRI and histology. <i>Journal of Neuroscience Methods</i> , 2020, 345, 108903.	1.3	7
33	CerebrA, registration and manual label correction of Mindboggle-101 atlas for MNI-ICBM152 template. <i>Scientific Data</i> , 2020, 7, 237.	2.4	43
34	Reply To: Cerebral Vasomotor Reactivity in Parkinson's Disease: A Missing Link between Dysautonomia, White Matter Lesions, and Cognitive Decline?. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 996-998.	0.8	0
35	Reliability assessment of tissue classification algorithms for multi-center and multi-scanner data. <i>Alzheimer's and Dementia</i> , 2020, 16, e041150.	0.4	0
36	White matter hyperintensities, gray matter atrophy and cognitive deficits in Parkinson's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e041161.	0.4	0

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37	Gray and white matter damage are associated with motor symptoms in Parkinson's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e041174.	0.4	0
38	Reliability assessment of tissue classification algorithms for multi-center and multi-scanner data. <i>NeuroImage</i> , 2020, 217, 116928.	2.1	16
39	White Matter Hyperintensities Mediate Impact of Dysautonomia on Cognition in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 639-647.	0.8	32
40	Neuroanatomical changes in white and grey matter after sleeve gastrectomy. <i>NeuroImage</i> , 2020, 213, 116696.	2.1	19
41	Automated separation of diffusely abnormal white matter from focal white matter lesions on MRI in multiple sclerosis. <i>NeuroImage</i> , 2020, 213, 116690.	2.1	11
42	Neuroanatomical differences in obesity: meta-analytic findings and their validation in an independent dataset. <i>International Journal of Obesity</i> , 2019, 43, 943-951.	1.6	116
43	Assessment of a prognostic MRI biomarker in early de novo Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101986.	1.4	26
44	Comparison of Multiple Sclerosis Cortical Lesion Types Detected by Multicontrast 3T and 7T MRI. <i>American Journal of Neuroradiology</i> , 2019, 40, 1162-1169.	1.2	34
45	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2556-2568.	5.4	165
46	HIV infection and cerebral small vessel disease are independently associated with brain atrophy and cognitive impairment. <i>Aids</i> , 2019, 33, 1197-1205.	1.0	41
47	Deformation based morphometry study of longitudinal MRI changes in behavioral variant frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2019, 24, 102079.	1.4	44
48	White matter in different regions evolves differently during progression to dementia. <i>Neurobiology of Aging</i> , 2019, 76, 71-79.	1.5	49
49	A clinical-anatomical signature of Parkinson's disease identified with partial least squares and magnetic resonance imaging. <i>NeuroImage</i> , 2019, 190, 69-78.	2.1	66
50	Subjective Cognitive Decline Is Associated With Altered Default Mode Network Connectivity in Individuals With a Family History of Alzheimer's Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 463-472.	1.1	41
51	A comparison of publicly available linear MRI stereotaxic registration techniques. <i>NeuroImage</i> , 2018, 174, 191-200.	2.1	120
52	Validation of T1-weighted based segmentations of white matter hyperintensity volumes in large-scale datasets of aging. <i>Human Brain Mapping</i> , 2018, 39, 1093-1107.	1.9	65
53	White matter hyperintensities are linked to future cognitive decline in de novo Parkinson's disease patients. <i>NeuroImage: Clinical</i> , 2018, 20, 892-900.	1.4	53
54	The relationship between brain atrophy and cognitive-behavioural symptoms in retired Canadian football players with multiple concussions. <i>NeuroImage: Clinical</i> , 2018, 19, 551-558.	1.4	37

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55	Structural neuroimaging as clinical predictor: A review of machine learning applications. <i>NeuroImage: Clinical</i> , 2018, 20, 506-522.	1.4	131
56	Neurobehavioral correlates of obesity are largely heritable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9312-9317.	3.3	105
57	Validation of a Regression Technique for Segmentation of White Matter Hyperintensities in Alzheimer's Disease. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1758-1768.	5.4	85
58	Performance comparison of 10 different classification techniques in segmenting white matter hyperintensities in aging. <i>NeuroImage</i> , 2017, 157, 233-249.	2.1	79
59	Structural Brain Alterations Associated with Rapid Eye Movement Sleep Behavior Disorder in Parkinson's Disease. <i>Scientific Reports</i> , 2016, 6, 26782.	1.6	101
60	P3-133: Association between apolipoprotein a-i levels and white matter hyperintensities depends on CSF tau levels in a high-risk cohort of aging cognitively normal persons: The prevent-alzheimer's disease study. , 2015, 11, P674-P675.		0
61	P1-147: Spatial distribution of white matter hyperintensities in elderly individuals. , 2015, 11, P399-P400.		0
62	P1-146: Accurate automatic segmentation of white matter hyperintensities using a linear regression classifier. , 2015, 11, P398-P399.		0
63	IC-P-139: Accurate automatic segmentation of white matter hyperintensities using a linear regression classifier. , 2015, 11, P94-P95.		0
64	Network structure of brain atrophy in de novo Parkinson's disease. <i>ELife</i> , 2015, 4, .	2.8	187
65	IC-P-154: Association between apolipoprotein a-i levels and white matter hyperintensities depends on CSF tau levels in a high-risk cohort of aging cognitively normal persons: The prevent-alzheimer's disease study. , 2015, 11, P103-P103.		2
66	IC-P-138: Spatial distribution of white matter hyperintensities in elderly individuals. , 2015, 11, P93-P94.		1