

# New tissue priors for improved automated classification on MRI

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Depth dependence of visual signals in the human superior colliculus at 9.4 T. <i>Human Brain Mapping</i> , 2017, 38, 574-587.	1.9	11
2	Effects of aging on $T_1$ , $T_2^*$ . <i>Brain Structure and Function</i> , 2017, 222, 2487-2505.	1.2	97
3	Evidence for Functional Networks within the Human Brain's White Matter. <i>Journal of Neuroscience</i> , 2017, 37, 6394-6407.	1.7	176
4	Multimodal MEMPRAGE, FLAIR, and R2* Segmentation to Resolve Dura and Vessels from Cortical Gray Matter. <i>Frontiers in Neuroscience</i> , 2017, 11, 258.	1.4	23
5	NODDI-DTI: Estimating Neurite Orientation and Dispersion Parameters from a Diffusion Tensor in Healthy White Matter. <i>Frontiers in Neuroscience</i> , 2017, 11, 720.	1.4	54
6	Quantifying the Effects of 16p11.2 Copy Number Variants on Brain Structure: A Multisite Genetic-First Study. <i>Biological Psychiatry</i> , 2018, 84, 253-264.	0.7	56
7	Baseline symptoms and basal forebrain volume predict future psychosis in early Parkinson disease. <i>Neurology</i> , 2018, 90, e1618-e1626.	1.5	44
8	Photon vs. proton radiochemotherapy: Effects on brain tissue volume and perfusion. <i>Radiotherapy and Oncology</i> , 2018, 128, 121-127.	0.3	48
9	Evaluation of multimodal segmentation based on 3D T1-, T2- and FLAIR-weighted images – the difficulty of choosing. <i>NeuroImage</i> , 2018, 170, 210-221.	2.1	31
10	Toward defining deep brain stimulation targets in MNI space: A subcortical atlas based on multimodal MRI, histology and structural connectivity. <i>NeuroImage</i> , 2018, 170, 271-282.	2.1	422
11	A group-level comparison of volumetric and combined volumetric-surface normalization for whole brain analyses of myelin and iron maps. <i>Magnetic Resonance Imaging</i> , 2018, 54, 225-240.	1.0	5
12	In-vivo quantitative structural imaging of the human midbrain and the superior colliculus at 9.4T. <i>NeuroImage</i> , 2018, 177, 117-128.	2.1	11
13	Quantifying deep grey matter atrophy using automated segmentation approaches: A systematic review of structural MRI studies. <i>NeuroImage</i> , 2019, 201, 116018.	2.1	20
14	Cortico-basal white matter alterations occurring in Parkinson's disease. <i>PLoS ONE</i> , 2019, 14, e0214343.	1.1	10
15	Magnetic Resonance Brain Imaging. <i>Use R!</i> , 2019, , .	0.3	2
16	Trajectories of brain remodeling in temporal lobe epilepsy. <i>Journal of Neurology</i> , 2019, 266, 3150-3159.	1.8	3
17	hMRI – A toolbox for quantitative MRI in neuroscience and clinical research. <i>NeuroImage</i> , 2019, 194, 191-210.	2.1	161
18	Multiparameter MRI quantification of microstructural tissue alterations in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2019, 23, 101879.	1.4	48

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19	Lower volume, more impairment: reduced cholinergic basal forebrain grey matter density is associated with impaired cognition in Parkinson disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1251-1256.	0.9	40
20	Calculating deep brain stimulation amplitudes and power consumption by constrained optimization. <i>Journal of Neural Engineering</i> , 2019, 16, 016020.	1.8	12
21	Cerebral perfusion changes in presymptomatic genetic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2019, 142, 1108-1120.	3.7	41
22	The Combination of DAT-SPECT, Structural and Diffusion MRI Predicts Clinical Progression in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 57.	1.7	18
23	Dysfunctional white-matter networks in medicated and unmedicated benign epilepsy with centrotemporal spikes. <i>Human Brain Mapping</i> , 2019, 40, 3113-3124.	1.9	60
24	Brain MRI Reveals Ascending Atrophy in Parkinson's Disease Across Severity. <i>Frontiers in Neurology</i> , 2019, 10, 1329.	1.1	11
25	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging. <i>NeuroImage</i> , 2019, 184, 293-316.	2.1	527
26	T1-MPRAGE and T2-FLAIR segmentation of cortical and subcortical brain regions—an MRI evaluation study. <i>Neuroradiology</i> , 2019, 61, 129-136.	1.1	7
27	Optimization and comparative evaluation of nonlinear deformation algorithms for atlas-based segmentation of DBS target nuclei. <i>NeuroImage</i> , 2019, 184, 586-598.	2.1	107
28	White-matter functional networks changes in patients with schizophrenia. <i>NeuroImage</i> , 2019, 190, 172-181.	2.1	106
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30	Anxiety and the Neurobiology of Temporally Uncertain Threat Anticipation. <i>Journal of Neuroscience</i> , 2020, 40, 7949-7964.	1.7	68
31	Remodeling of brain morphology in temporal lobe epilepsy. <i>Brain and Behavior</i> , 2020, 10, e01825.	1.0	3
32	Cytoarchitectonic Mapping of MRI Detects Rapid Changes in Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 241.	1.1	4
33	Anatomical brain structures normalization for deep brain stimulation in movement disorders. <i>NeuroImage: Clinical</i> , 2020, 27, 102271.	1.4	23
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35	Mean Oxygen Saturation during Sleep Is Related to Specific Brain Atrophy Pattern. <i>Annals of Neurology</i> , 2020, 87, 921-930.	2.8	28
36	Motion-corrected and high-resolution anatomically assisted (MOCHA) reconstruction of arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1306-1320.	1.9	4

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37	The Organization of the Human Corpus Callosum Estimated by Intrinsic Functional Connectivity with White-Matter Functional Networks. <i>Cerebral Cortex</i> , 2020, 30, 3313-3324.	1.6	34
38	Brain plasticity dynamics during tactile Braille learning in sighted subjects: Multi-contrast MRI approach. <i>NeuroImage</i> , 2021, 227, 117613.	2.1	16
39	Multimodal imaging of brain reorganization in hearing late learners of sign language. <i>Human Brain Mapping</i> , 2021, 42, 384-397.	1.9	14
40	The relationship between hippocampal-dependent task performance and hippocampal grey matter myelination and iron content. <i>Brain and Neuroscience Advances</i> , 2021, 5, 239821282110119.	1.8	7
41	Improving Individual Brain Age Prediction Using an Ensemble Deep Learning Framework. <i>Frontiers in Psychiatry</i> , 2021, 12, 626677.	1.3	18
42	Gradient of electro-convulsive therapy's antidepressant effects along the longitudinal hippocampal axis. <i>Translational Psychiatry</i> , 2021, 11, 191.	2.4	2
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47	Temporal trajectory of brain tissue property changes induced by electroconvulsive therapy. <i>NeuroImage</i> , 2021, 232, 117895.	2.1	20
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52	Effects of eight neuropsychiatric copy number variants on human brain structure. <i>Translational Psychiatry</i> , 2021, 11, 399.	2.4	18
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54	White matter tracts characteristics in habitual decision-making circuit underlie ritual behaviors in anorexia nervosa. <i>Scientific Reports</i> , 2021, 11, 15980.	1.6	8
55	Reducing Susceptibility Distortion Related Image Blurring in Diffusion MRI EPI Data. <i>Frontiers in Neuroscience</i> , 2021, 15, 706473.	1.4	5
56	Disrupted functional connectivity in white matter resting-state networks in unilateral temporal lobe epilepsy. <i>Brain Imaging and Behavior</i> , 2021, , 1.	1.1	6

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58	Olfaction, cholinergic basal forebrain degeneration, and cognition in early Parkinson disease. <i>Parkinsonism and Related Disorders</i> , 2021, 90, 27-32.	1.1	8
59	In chronic complete spinal cord injury supraspinal changes detected by quantitative MRI are confined to volume reduction in the caudal brainstem. <i>NeuroImage: Clinical</i> , 2021, 31, 102716.	1.4	5
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66	Automatic substantia nigra segmentation in neuromelanin-sensitive MRI by deep neural network in patients with prodromal and manifest synucleinopathy. <i>Physiological Research</i> , 2019, 68, S453-S458.	0.4	13
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81	Anxiety-Related Frontocortical Activity Is Associated With Dampened Stressor Reactivity in the Real World. <i>Psychological Science</i> , 2022, 33, 906-924.	1.8	10
82	Attenuated brain white matter functional network interactions in Parkinson's disease. <i>Human Brain Mapping</i> , 2022, 43, 4567-4579.	1.9	4
83	Advances in human intracranial electroencephalography research, guidelines and good practices. <i>NeuroImage</i> , 2022, 260, 119438.	2.1	50
84	CYP2C19 expression modulates affective functioning and hippocampal subiculum volume—a large single-center community-dwelling cohort study. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	0
85	Conduction velocity along a key white matter tract is associated with autobiographical memory recall ability. <i>ELife</i> , 0, 11, .	2.8	9
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87	Frequency-dependent white-matter functional network changes associated with cognitive deficits in subcortical vascular cognitive impairment. <i>NeuroImage: Clinical</i> , 2022, 36, 103245.	1.4	3
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89	Serum unsaturated phosphatidylcholines predict longitudinal basal forebrain degeneration in Alzheimer's disease. <i>Brain Communications</i> , 2022, 4, .	1.5	3
90	Cholinergic Nucleus 4 Degeneration and Cognitive Impairment in Isolated Rapid Eye Movement Sleep Behavior Disorder. <i>Movement Disorders</i> , 2023, 38, 474-479.	2.2	5
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93	Rare CNVs and phenome-wide profiling highlight brain structural divergence and phenotypical convergence. <i>Nature Human Behaviour</i> , 2023, 7, 1001-1017.	6.2	3
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98	Computational Anatomy Going Beyond Brain Morphometry. <i>Neuromethods</i> , 2023, , 119-132.	0.2	0
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