

# Neurobiological origin of spurious brain morphological

Human Brain Mapping

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reproducibility and Reliability of Quantitative and Weighted T1 and T2â— Mapping for Myelin-Based Cortical Parcellation at 7 Tesla. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 112.	0.9	49
2	Role of Magnetic Resonance Imaging in the Diagnosis of Multiple System Atrophy. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 12-20.	0.8	17
3	Investigation of the confounding effects of vasculature and metabolism on computational anatomy studies. <i>NeuroImage</i> , 2017, 149, 233-243.	2.1	33
4	Improving data availability for brain image biobanking in healthy subjects: Practice-based suggestions from an international multidisciplinary working group. <i>NeuroImage</i> , 2017, 153, 399-409.	2.1	13
5	Metacognitive ability correlates with hippocampal and prefrontal microstructure. <i>NeuroImage</i> , 2017, 149, 415-423.	2.1	66
6	Insula and somatosensory cortical myelination and iron markers underlie individual differences in empathy. <i>Scientific Reports</i> , 2017, 7, 43316.	1.6	25
7	Effects of aging on $T_1$ , $T_2^*$ . <i>Brain Structure and Function</i> , 2017, 222, 2487-2505.	1.2	97
8	Towards in vivo focal cortical dysplasia phenotyping using quantitative MRI. <i>NeuroImage: Clinical</i> , 2017, 15, 95-105.	1.4	34
9	Histological Underpinnings of Grey Matter Changes in Fibromyalgia Investigated Using Multimodal Brain Imaging. <i>Journal of Neuroscience</i> , 2017, 37, 1090-1101.	1.7	69
10	Imaging the neuroplastic effects of ketamine with VBM and the necessity of placebo control. <i>NeuroImage</i> , 2017, 147, 198-203.	2.1	22
11	Brain structural imaging of receptive speech and beyond: a review of current methods. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 870-890.	0.7	5
12	Evaluation of MRI sequences for quantitative T1 brain mapping. <i>Journal of Physics: Conference Series</i> , 2017, 931, 012038.	0.3	7
13	Mindboggling morphometry of human brains. <i>PLoS Computational Biology</i> , 2017, 13, e1005350.	1.5	448
14	The impact of correction on $MP2RAGE$ cortical $T_1$ and apparent cortical thickness at $7T$ . <i>Human Brain Mapping</i> , 2018, 39, 2412-2425.	1.9	38
15	Anatomic & metabolic brain markers of the m.3243A&gt;G mutation: A multi-parametric 7T MRI study. <i>NeuroImage: Clinical</i> , 2018, 18, 231-244.	1.4	15
16	Networks of myelin covariance. <i>Human Brain Mapping</i> , 2018, 39, 1532-1554.	1.9	36
17	Cognitive training with action-related verbs induces neural plasticity in the action representation system as assessed by gray matter brain morphometry. <i>Neuropsychologia</i> , 2018, 114, 186-194.	0.7	11
18	Microstructural imaging of human neocortex in vivo. <i>NeuroImage</i> , 2018, 182, 184-206.	2.1	101

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19	An investigation of regional cerebral blood flow and tissue structure changes after acute administration of antipsychotics in healthy male volunteers. <i>Human Brain Mapping</i> , 2018, 39, 319-331.	1.9	27
20	Predicting Response to Repetitive Transcranial Magnetic Stimulation in Patients With Schizophrenia Using Structural Magnetic Resonance Imaging: A Multisite Machine Learning Analysis. <i>Schizophrenia Bulletin</i> , 2018, 44, 1021-1034.	2.3	57
21	Hierarchy of transcriptomic specialization across human cortex captured by structural neuroimaging topography. <i>Nature Neuroscience</i> , 2018, 21, 1251-1259.	7.1	459
22	Detailed T1-Weighted Profiles from the Human Cortex Measured in Vivo at 3 Tesla MRI. <i>Neuroinformatics</i> , 2018, 16, 181-196.	1.5	7
23	Bipolar disorder type I and <scp>II</scp> show distinct relationships between cortical thickness and executive function. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 325-335.	2.2	34
24	A functional connectome phenotyping dataset including cognitive state and personality measures. <i>Scientific Data</i> , 2019, 6, 180307.	2.4	50
25	A mind-brain-body dataset of MRI, EEG, cognition, emotion, and peripheral physiology in young and old adults. <i>Scientific Data</i> , 2019, 6, 180308.	2.4	188
26	hMRI – A toolbox for quantitative MRI in neuroscience and clinical research. <i>NeuroImage</i> , 2019, 194, 191-210.	2.1	161
27	Fornix white matter glia damage causes hippocampal gray matter damage during age-dependent limbic decline. <i>Scientific Reports</i> , 2019, 9, 1060.	1.6	44
28	Motor repertoire and gray matter plasticity: Is there a link?. <i>Medical Hypotheses</i> , 2019, 130, 109261.	0.8	7
29	Evidence for Network-Based Cortical Thickness Reductions in Schizophrenia. <i>American Journal of Psychiatry</i> , 2019, 176, 552-563.	4.0	97
30	Multimodal gradients across mouse cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4689-4695.	3.3	186
31	Convolution neural network–based Alzheimer's disease classification using hybrid enhanced independent component analysis based segmented gray matter of T2 weighted magnetic resonance imaging with clinical valuation. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 974-986.	1.8	57
32	fMRI data processing in MRTOOL: to what extent does anatomical registration affect the reliability of functional results?. <i>Brain Imaging and Behavior</i> , 2019, 13, 1538-1553.	1.1	3
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34	Anatomic alterations across amygdala subnuclei in medication-free patients with obsessive–compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 334-343.	1.4	17
35	Age-related differences in myeloarchitecture measured at 7 T. <i>Neurobiology of Aging</i> , 2020, 96, 246-254.	1.5	6
36	Mean Oxygen Saturation during Sleep Is Related to Specific Brain Atrophy Pattern. <i>Annals of Neurology</i> , 2020, 87, 921-930.	2.8	28

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37	MRI profiling of focal cortical dysplasia using multi-compartment diffusion models. <i>Epilepsia</i> , 2020, 61, 433-444.	2.6	16
38	Converging patterns of aging-associated brain volume loss and tissue microstructure differences. <i>Neurobiology of Aging</i> , 2020, 88, 108-118.	1.5	43
39	From a deep learning model back to the brain—Identifying regional predictors and their relation to aging. <i>Human Brain Mapping</i> , 2020, 41, 3235-3252.	1.9	62
40	Effects of MP2RAGE B1+ sensitivity on inter-site T1 reproducibility and hippocampal morphometry at 7T. <i>NeuroImage</i> , 2021, 224, 117373.	2.1	17
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50	Antipsychotics Effects on Network-Level Reconfiguration of Cortical Morphometry in First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 231-240.	2.3	9
51	Quantitative synthetic MRI reveals grey matter abnormalities in children with drug-naïve attention-deficit/hyperactivity disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 406-414.	1.1	8
53	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
57	Interactions between Personality, Depression, Anxiety and Cognition to Understand Early Stage of Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 782-791.	1.0	9
67	Longitudinal changes in brain parenchyma due to mild traumatic brain injury during the first year after injury. <i>Brain and Behavior</i> , 2021, 11, e2410.	1.0	7
69	Clinical phenotype modulates brain's myelin and iron content in temporal lobe epilepsy. <i>Brain Structure and Function</i> , 2022, 227, 901-911.	1.2	3
70	Restoring statistical validity in group analyses of motion-corrupted <sc>MRI</sc> data. <i>Human Brain Mapping</i> , 2022, 43, 1973-1983.	1.9	20

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72	Signatures of life course socioeconomic conditions in brain anatomy. <i>Human Brain Mapping</i> , 2022, 43, 2582-2606.	1.9	10
73	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex. <i>Nature Communications</i> , 2022, 13, 2341.	5.8	54
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77	CYP2C19 expression modulates affective functioning and hippocampal subiculum volumeâ€™ a large single-center community-dwelling cohort study. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	0
78	Quantitative MRI reveals differences in striatal myelin in children with DLD. <i>ELife</i> , 0, 11, .	2.8	13
79	Heritability of hippocampal functional and microstructural organisation. <i>NeuroImage</i> , 2022, 264, 119656.	2.1	7
80	Three Class Classification Of Alzheimerâ€™s Disease Using Deep NEURAL Networks. <i>Current Medical Imaging</i> , 2022, 18, .	0.4	0
81	Decreased basal ganglia and thalamic iron in early psychotic spectrum disorders are associated with increased psychotic and schizotypal symptoms. <i>Molecular Psychiatry</i> , 2022, 27, 5144-5153.	4.1	4
82	Compressed sensing (CS) MP2RAGE versus standard MPRAGE: A comparison of derived brain volume measurements. <i>Physica Medica</i> , 2022, 103, 166-174.	0.4	2
83	The gradient in gray matter thickness across auditory cortex and differential cortical thickness changes following perinatal deafness. <i>Cerebral Cortex</i> , 0, , .	1.6	0
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