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## Anatomically related grey and white matter abnormalities in adolescent-onset schizophrenia

DOI: 10.1093/brain/awm184  
Brain, 2007, 130, 2375-86.

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**Version:** 2024-04-23

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678	Use of diffusion-tensor imaging in traumatic spinal cord injury to identify concomitant traumatic brain injury. <b>2008</b> , 89, S85-91		20
677	On the construction of an inter-subject diffusion tensor magnetic resonance atlas of the healthy human brain. <i>NeuroImage</i> , <b>2008</b> , 43, 69-80	7.9	71
676	Evidence for abnormalities of cortical development in adolescent-onset schizophrenia. <i>NeuroImage</i> , <b>2008</b> , 43, 665-75	7.9	117
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672	A multimodal approach to the assessment of patients with disorders of consciousness. <b>2009</b> , 177, 231-48		31
671	Imbalance of neural cell adhesion molecule and polysialyltransferase alleles causes defective brain connectivity. <i>Brain</i> , <b>2009</b> , 132, 2831-8	11.2	66
670	Schizophrenia delays and alters maturation of the brain in adolescence. <i>Brain</i> , <b>2009</b> , 132, 2437-48	11.2	114
669	White matter abnormalities and neurocognitive deficits associated with the passivity phenomenon in schizophrenia: a diffusion tensor imaging study. <b>2009</b> , 172, 121-7		23
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667	Functional and anatomical connectivity abnormalities in left inferior frontal gyrus in schizophrenia. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 4138-51	5.9	86
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664	From bench to bedside: translating new research from genetics and neuroimaging into treatment development for early-onset schizophrenia. <b>2009</b> , 3, 243-58		5
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632	Atypical development of white matter microstructure in adolescents with autism spectrum disorders. <i>NeuroImage</i> , <b>2010</b> , 50, 873-82	7-9	181
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497	Effective artifact removal in resting state fMRI data improves detection of DMN functional connectivity alteration in Alzheimer's disease. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 449	3-3	35
496	Structural brain correlates associated with professional handball playing. <b>2015</b> , 10, e0124222		29
495	Impaired Verbal Learning Is Associated with Larger Caudate Volumes in Early Onset Schizophrenia Spectrum Disorders. <b>2015</b> , 10, e0130435		7
494	Neural activity during interoceptive awareness and its associations with alexithymia-An fMRI study in major depressive disorder and non-psychiatric controls. <b>2015</b> , 6, 589		24
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492	Altered Statistical Learning and Decision-Making in Methamphetamine Dependence: Evidence from a Two-Armed Bandit Task. <b>2015</b> , 6, 1910		18
491	Ambiguity between self and other: Individual differences in action attribution. <b>2015</b> , 35, 1-15		8
490	Two Patterns of White Matter Abnormalities in Medication-Naive Patients With First-Episode Schizophrenia Revealed by Diffusion Tensor Imaging and Cluster Analysis. <b>2015</b> , 72, 678-86		104
489	DTI and VBM reveal white matter changes without associated gray matter changes in patients with idiopathic restless legs syndrome. <b>2015</b> , 5, e00327		21
488	Structural gray matter abnormalities in migraine relate to headache lateralization, but not aura. <b>2015</b> , 35, 3-9		27
487	Cognitive correlates of gray matter abnormalities in adolescent siblings of patients with childhood-onset schizophrenia. <b>2015</b> , 161, 345-50		12
486	Comparing free water imaging and magnetization transfer measurements in schizophrenia. <b>2015</b> , 161, 126-32		24

485	Corpus callosum size and diffusion tensor anisotropy in adolescents and adults with schizophrenia. <b>2015</b> , 231, 244-51		34
484	A purely confirmatory replication study of structural brain-behavior correlations. <b>2015</b> , 66, 115-33		103
483	Evolving brain structural changes in PSEN1 mutation carriers. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 1261-70	5.6	27
482	Adolescents with current major depressive disorder show dissimilar patterns of age-related differences in ACC and thalamus. <i>NeuroImage: Clinical</i> , <b>2015</b> , 7, 391-9	5.3	21
481	Linked alterations in gray and white matter morphology in adults with high-functioning autism spectrum disorder: a multimodal brain imaging study. <i>NeuroImage: Clinical</i> , <b>2015</b> , 7, 155-69	5.3	54
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479	Resting-state frontostriatal functional connectivity in Parkinson's disease-related apathy. <b>2015</b> , 30, 671-9		72
478	The idiosyncratic brain: distortion of spontaneous connectivity patterns in autism spectrum disorder. <b>2015</b> , 18, 302-9		262
477	Comparing fractional anisotropy in patients with childhood-onset schizophrenia, their healthy siblings, and normal volunteers through DTI. <b>2015</b> , 41, 66-73		19
476	Neuroanatomical characteristics associated with response to dorsal anterior cingulotomy for obsessive-compulsive disorder. <b>2015</b> , 72, 127-35		36
475	Cerebellar and cortical abnormalities in paediatric opsoclonus-myoclonus syndrome. <b>2015</b> , 57, 265-72		23
474	Cognitive Impairment and Its Structural Correlates in the Parkinsonian Subtype of Multiple System Atrophy. <b>2015</b> , 15, 294-300		37
473	Injury to white matter tracts in relapsing-remitting multiple sclerosis: A possible therapeutic window within the first 5 years from onset using diffusion-tensor imaging tract-based spatial statistics. <i>NeuroImage: Clinical</i> , <b>2015</b> , 8, 261-6	5.3	11
472	Decomposition of brain diffusion imaging data uncovers latent schizophrenias with distinct patterns of white matter anisotropy. <i>NeuroImage</i> , <b>2015</b> , 120, 43-54	7.9	36
471	Voxel-based morphometry predicts shifts in dendritic spine density and morphology with auditory fear conditioning. <b>2015</b> , 6, 7582		71
470	The benefit of minocycline on negative symptoms in early-phase psychosis in addition to standard care - extent and mechanism (BeneMin): study protocol for a randomised controlled trial. <b>2015</b> , 16, 71		7
469	Anatomically related gray and white matter alterations in the brains of functional dyspepsia patients. <b>2015</b> , 27, 856-64		9
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466	Extensive gray matter volume reduction in treatment-resistant schizophrenia. <b>2015</b> , 18, pyv016		39
465	Functional Magnetic Resonance Imaging of Rats with Experimental Autoimmune Encephalomyelitis Reveals Brain Cortex Remodeling. <b>2015</b> , 35, 10088-100		47
464	The effect of multidisciplinary rehabilitation on brain structure and cognition in Huntington's disease: an exploratory study. <b>2015</b> , 5, e00312		46
463	Reduced cortical thickness in right Heschl's gyrus associated with auditory verbal hallucinations severity in first-episode schizophrenia. <b>2015</b> , 15, 152		24
462	Reduced cerebrovascular reactivity in young adults carrying the APOE $\epsilon$ allele. <b>2015</b> , 11, 648-57.e1		65
461	A voxelation-corrected non-stationary 3D cluster-size test based on random field theory. <i>NeuroImage</i> , <b>2015</b> , 118, 676-82	7.9	4
460	Adverse childhood experiences influence white matter microstructure in patients with schizophrenia. <b>2015</b> , 234, 35-43		22
459	Differentiating between right-lateralised semantic dementia and behavioural-variant frontotemporal dementia: an examination of clinical characteristics and emotion processing. <b>2015</b> , 86, 1082-8		72
458	A cross-sectional and longitudinal structural magnetic resonance imaging study of the post-central gyrus in first-episode schizophrenia patients. <b>2015</b> , 231, 42-9		13
457	Grey matter damage in progressive multiple sclerosis versus amyotrophic lateral sclerosis: a voxel-based morphometry MRI study. <i>Neurological Sciences</i> , <b>2015</b> , 36, 371-7	3.5	11
456	Disrupted brain anatomical connectivity in medication-naïve patients with first-episode schizophrenia. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 1145-59	4	62
455	Auditory verbal hallucinations and the interhemispheric auditory pathway in chronic schizophrenia. <b>2015</b> , 16, 31-44		32
454	Cognitive impairment and resting-state network connectivity in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 199-212	5.9	197
453	Acquisition of Paleolithic toolmaking abilities involves structural remodeling to inferior frontoparietal regions. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 2315-31	4	70
452	Structural Neuroimaging Markers of Cognitive Decline in Parkinson's Disease. <b>2016</b> , 2016, 3217960		8
451	Differences in Cortical Representation and Structural Connectivity of Hands and Feet between Professional Handball Players and Ballet Dancers. <b>2016</b> , 2016, 6817397		21
450	Serum S100B Protein is Specifically Related to White Matter Changes in Schizophrenia. <b>2016</b> , 10, 33		19

449	Comparison of Brain Development in Sow-Reared and Artificially Reared Piglets. <b>2016</b> , 4, 95		6
448	Thalamic Volume Is Reduced in Cervical and Laryngeal Dystonias. <b>2016</b> , 11, e0155302		19
447	The segmental diffusivity profile of amyotrophic lateral sclerosis associated white matter degeneration. <b>2016</b> , 23, 1361-71		49
446	Abnormal functional architecture of amygdala-centered networks in adolescent posttraumatic stress disorder. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 1120-35	5.9	35
445	Alterations of putaminal shape in de novo Parkinson's disease. <b>2016</b> , 31, 676-83		8
444	Prospective longitudinal voxel-based morphometry study of major depressive disorder in young individuals at high familial risk. <i>Psychological Medicine</i> , <b>2016</b> , 46, 2351-61	6.9	17
443	Compensatory larger cortical thickness in healthy elderly individuals with electroencephalographic risk for cognitive decline. <b>2016</b> , 27, 710-5		2
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440	Whole-brain grey matter density predicts balance stability irrespective of age and protects older adults from falling. <b>2016</b> , 45, 143-50		10
439	Lenticulostriate arterial distribution pathology may underlie pediatric anoxic brain injury in drowning. <i>NeuroImage: Clinical</i> , <b>2016</b> , 11, 167-172	5.3	5
438	Relationship of white and gray matter abnormalities to clinical and genetic features in myotonic dystrophy type 1. <i>NeuroImage: Clinical</i> , <b>2016</b> , 11, 678-685	5.3	39
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433	Volumetric, relaxometric and diffusometric correlates of psychotic experiences in a non-clinical sample of young adults. <i>NeuroImage: Clinical</i> , <b>2016</b> , 12, 550-558	5.3	9
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322	Diffuse brain damage in normal tension glaucoma. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 532-541	5.9	40
321	Right-to-left shunt may be prone to affect the white matter integrity of posterior circulation in migraine without aura. <i>Neurological Sciences</i> , <b>2018</b> , 39, 119-125	3.5	4
320	Long-term effects of cognitive rehabilitation on brain, functional outcome and cognition in Parkinson's disease. <b>2018</b> , 25, 5-12		29
319	Gray matter structural networks are associated with cardiovascular risk factors in healthy older adults. <b>2018</b> , 38, 360-372		18
318	Structural network differences in chronic musculoskeletal pain: Beyond fractional anisotropy. <i>NeuroImage</i> , <b>2018</b> , 182, 441-455	7.9	14
317	A combined tract-based spatial statistics and voxel-based morphometry study of the first MRI scan after diagnosis of amyotrophic lateral sclerosis with subgroup analysis. <b>2018</b> , 45, 41-48		16
316	DNA methylation of OXTR is associated with parasympathetic nervous system activity and amygdala morphology. <b>2018</b> , 13, 1155-1162		12
315	Gray matter differences in patients with functional movement disorders. <i>Neurology</i> , <b>2018</b> , 91, e1870-e1879		27
314	Volumetric gray matter measures of amygdala and accumbens in childhood overweight/obesity. <b>2018</b> , 13, e0205331		16
313	Multimodal canonical correlation reveals converging neural circuitry across trauma-related disorders of affect and cognition. <b>2018</b> , 9, 241-250		11
312	Functional Anatomy of the Inferior Longitudinal Fasciculus: From Historical Reports to Current Hypotheses. <b>2018</b> , 12, 77		111
311	Occulomotor Neural Integrator Dysfunction in Multiple Sclerosis: Insights From Neuroimaging. <b>2018</b> , 9, 691		3
310	Beatboxers and Guitarists Engage Sensorimotor Regions Selectively When Listening to the Instruments They can Play. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 4063-4079	5.1	10
309	Meditation-induced neuroplastic changes of the prefrontal network are associated with reduced valence perception in older people. <b>2018</b> , 2, 2398212818771822		6
308	Changes in brain architecture are consistent with altered fear processing in domestic rabbits. <b>2018</b> , 115, 7380-7385		27
307	Procyanidin B2 mitigates behavioral impairment and protects myelin integrity in cuprizone-induced schizophrenia in mice.. <b>2018</b> , 8, 23835-23846		2
306	Structural Brain Alterations Before and After Total Knee Arthroplasty: A Longitudinal Assessment. <b>2018</b> , 19, 2166-2176		22

305	Cortical Gray Matter Loss, Augmented Vulnerability to Speech-on-Speech Masking, and Delusion in People With Schizophrenia. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 287	5	1
304	Predicting cognitive decline in multiple sclerosis: a 5-year follow-up study. <i>Brain</i> , <b>2018</b> , 141, 2605-2618	11.2	74
303	Lateral parietal contributions to memory impairment in posterior cortical atrophy. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 252-259	5.3	17
302	Dysregulation of schizophrenia-related aquaporin 3 through disruption of paranode influences neuronal viability. <b>2018</b> , 147, 395-408		5
301	Grey matter volume in healthy and epileptic beagles using voxel-based morphometry - a pilot study. <b>2018</b> , 14, 50		3
300	Structural and functional changes of the visual cortex in early Huntington's disease. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 4776-4786	5.9	14
299	Neural Correlates of Outcome Anticipation in Multiple Sclerosis. <b>2018</b> , 9, 572		1
298	The Neurocognitive Architecture of Individual Differences in Math Anxiety in Typical Children. <i>Scientific Reports</i> , <b>2018</b> , 8, 8500	4.9	11
297	Altered amygdala-related structural covariance and resting-state functional connectivity in end-stage renal disease patients. <b>2018</b> , 33, 1471-1481		7
296	Brain MRI fiber-tracking reveals white matter alterations in hypertensive patients without damage at conventional neuroimaging. <b>2018</b> , 114, 1536-1546		18
295	Neuroimaging-informed phenotypes of suicidal behavior: a family history of suicide and the use of a violent suicidal means. <b>2018</b> , 8, 120		22
294	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. <b>2018</b> , 13, e0191946		15
293	Dysregulated Maturation of the Functional Connectome in Antipsychotic-Naïve, First-Episode Patients With Adolescent-Onset Schizophrenia. <b>2019</b> , 45, 689-697		20
292	Classification of First-Episode Schizophrenia Using Multimodal Brain Features: A Combined Structural and Diffusion Imaging Study. <b>2019</b> , 45, 591-599		23
291	White matter integrity is associated with gait impairment and falls in mild cognitive impairment. Results from the gait and brain study. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 101975	5.3	15
290	Plasticity versus stability across the human cortical visual connectome. <b>2019</b> , 10, 3174		9
289	The clinical and radiological profile of primary lateral sclerosis: a population-based study. <b>2019</b> , 266, 2718-2733		41
288	Early limbic microstructural alterations in apathy and depression in de novo Parkinson's disease. <b>2019</b> , 34, 1644-1654		28

287	Insular volume reductions in patients with major depressive disorder. <b>2019</b> , 33, 39-47		1
286	An investigation of the relationship between psychopathy and greater gray matter density in lateral prefrontal cortex. <b>2019</b> , 2, e7		4
285	Handedness, language areas and neuropsychiatric diseases: insights from brain imaging and genetics. <i>Brain</i> , <b>2019</b> , 142, 2938-2947	11.2	67
284	Networks Disrupted in Linguistic Variants of Frontotemporal Dementia. <b>2019</b> , 10, 903		8
283	Regional Structural Hippocampal Differences Between Dementia with Lewy Bodies and Parkinson's Disease. <b>2019</b> , 9, 775-783		4
282	White Matter Microstructural Change Contributes to Worse Cognitive Function in Patients With Type 2 Diabetes. <b>2019</b> , 68, 2085-2094		11
281	Altered amygdalar volume and functional connectivity in primary dysmenorrhoea during the menstrual cycle. <b>2019</b> , 23, 994-1005		13
280	Structural covariability hubs in old age. <i>NeuroImage</i> , <b>2019</b> , 189, 307-315	7.9	2
279	Primary Cilia-An Underexplored Topic in Major Mental Illness. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 104	5	12
278	A comparison of regional brain volumes and white matter connectivity in subjects with stimulant induced psychosis versus schizophrenia. <b>2019</b> , 236, 3385-3399		6
277	Distinctive functional deficiencies in axonal conduction associated with two forms of cerebral white matter injury. <b>2019</b> , 25, 1018-1029		4
276	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <b>2019</b> , 39, 6136-6149		18
275	Diffusion tensor and restriction spectrum imaging reflect different aspects of neurodegeneration in Parkinson's disease. <b>2019</b> , 14, e0217922		7
274	Impaired Self-Other Distinction and Subcortical Gray-Matter Alterations Characterize Socio-Cognitive Disturbances in Multiple Sclerosis. <b>2019</b> , 10, 525		8
273	Diffusion tensor tractography in children with sensory processing disorder: Potentials for devising machine learning classifiers. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101831	5.3	3
272	A neural signature of metabolic syndrome. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3575-3588	5.9	10
271	Huntington's disease: Brain imaging in Huntington's disease. <b>2019</b> , 165, 321-369		7
270	Variation in Reported Human Head Tissue Electrical Conductivity Values. <b>2019</b> , 32, 825-858		74



269	White Matter Connectome Correlates of Auditory Over-Responsivity: Edge Density Imaging and Machine-Learning Classifiers. <b>2019</b> , 13, 10		1
268	Morphometric MRI findings challenge the concept of the "unaffected" hemisphere in Rasmussen encephalitis. <b>2019</b> , 60, e40-e46		5
267	Evidence of brain network aberration in healthy subjects with urban upbringing - A multimodal DTI and VBM study. <b>2019</b> , 208, 133-137		6
266	The brain-derived neurotrophic factor Val66Met genotype does not influence the grey or white matter structures underlying recognition memory. <i>NeuroImage</i> , <b>2019</b> , 197, 1-12	7.9	2
265	Evaluating the effect and mechanism of upper limb motor function recovery induced by immersive virtual-reality-based rehabilitation for subacute stroke subjects: study protocol for a randomized controlled trial. <b>2019</b> , 20, 104		13
264	Polygenic impact of common genetic risk loci for Alzheimer's disease on cerebral blood flow in young individuals. <i>Scientific Reports</i> , <b>2019</b> , 9, 467	4.9	12
263	Pathology of white matter integrity in three major white matter fasciculi: A post-mortem study of schizophrenia and treatment status. <b>2019</b> , 176, 1143-1155		10
262	Cerebellar resting-state functional connectivity in Parkinson's disease and multiple system atrophy: Characterization of abnormalities and potential for differential diagnosis at the single-patient level. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101720	5.3	13
261	Regional brain atrophy in gray and white matter is associated with cognitive impairment in Myotonic Dystrophy type 1. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 102078	5.3	15
260	Heterogeneity of microglia and their differential roles in white matter pathology. <b>2019</b> , 25, 1290-1298		43
259	Corticostriatal Hyperactivation to Reward Presentation in Individuals With TBI With High Depressive Symptomatology: A Pilot Study. <b>2019</b> , 34, E19-E28		1
258	Multimodal MRI of grey matter, white matter, and functional connectivity in cognitively healthy mutation carriers at risk for frontotemporal dementia and Alzheimer's disease. <i>BMC Neurology</i> , <b>2019</b> , 19, 343	3.1	5
257	Voxel-based morphometry reveals regional reductions of gray matter volume in school-aged children with short-term type 1 diabetes mellitus. <b>2019</b> , 30, 516-521		4
256	Altered gray matter volume in sensorimotor and thalamic regions associated with pain in localized provoked vulvodynia: a voxel-based morphometry study. <b>2019</b> , 160, 1529-1540		12
255	Elevated perceived threat is associated with reduced hippocampal volume in combat veterans. <i>Scientific Reports</i> , <b>2019</b> , 9, 14888	4.9	2
254	Linking Cortical and Connectional Pathology in Schizophrenia. <b>2019</b> , 45, 911-923		15
253	Specific Substantial Dysconnectivity in Schizophrenia: A Transdiagnostic Multimodal Meta-analysis of Resting-State Functional and Structural Magnetic Resonance Imaging Studies. <b>2019</b> , 85, 573-583		51
252	The relationship between flow proneness in everyday life and variations in the volume of gray matter in the dopaminergic system: A cross-sectional study. <b>2019</b> , 141, 25-30		7

251	Brain Atrophy in Natalizumab-treated Patients with Multiple Sclerosis: A 5-year Retrospective Study. <b>2019</b> , 29, 190-192		4
250	How to control for confounds in decoding analyses of neuroimaging data. <i>NeuroImage</i> , <b>2019</b> , 184, 741-760		39
249	Orbitofrontal gray matter deficits as marker of Internet gaming disorder: converging evidence from a cross-sectional and prospective longitudinal design. <b>2019</b> , 24, 100-109		32
248	Calcium channel blockade with nimodipine reverses MRI evidence of cerebral oedema following acute hypoxia. <b>2019</b> , 39, 285-301		10
247	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <b>2019</b> , 45, 436-449		27
246	Resting state functional connectivity abnormalities and delayed recall performance in patients with amnesic mild cognitive impairment. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 267-277	4.1	2
245	Altered functional connectivity of the amygdala in Crohn's disease. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 2097-2106	4.1	9
244	Preparation of novel hydrophobic magnetic Fe <sub>3</sub> O <sub>4</sub> /waterborne polyurethane nanocomposites. <b>2020</b> , 137, 48546		3
243	Voxel-based morphometry results in first-episode schizophrenia: a comparison of publicly available software packages. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 2224-2231	4.1	5
242	Human Olfaction without Apparent Olfactory Bulbs. <b>2020</b> , 105, 35-45.e5		22
241	Differences in Functional Connectivity Networks Related to the Midbrain Dopaminergic System-Related Area in Various Psychiatric Disorders. <b>2020</b> ,		7
240	Subcortical structural abnormalities in female neuromyelitis optica patients with neuropathic pain. <b>2020</b> , 37, 101432		4
239	Cocaine-related alterations in fronto-parietal gray matter volume correlate with trait and behavioral impulsivity. <b>2020</b> , 206, 107757		11
238	Neural and dopaminergic correlates of fatigue in Parkinson's disease. <b>2020</b> , 127, 301-309		4
237	Sleep duration over 28 years, cognition, gray matter volume, and white matter microstructure: a prospective cohort study. <b>2020</b> , 43,		12
236	AVPR1A variation is linked to gray matter covariation in the social brain network of chimpanzees. <b>2020</b> , 19, e12631		9
235	Brain connectivity and cognitive functioning in individuals six months after multiorgan failure. <i>NeuroImage: Clinical</i> , <b>2020</b> , 25, 102137	5.3	4
234	The relationship between individual differences in gray matter volume and religiosity and mystical experiences: A preregistered voxel-based morphometry study. <b>2020</b> , 51, 850-865		8

233	Differential White Matter Maturation from Birth to 8 Years of Age. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 2673-2689	5.1	13
232	Altered Gray Matter Structure and White Matter Microstructure in Patients with Congenital Adrenal Hyperplasia: Relevance for Working Memory Performance. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 2777-2788	5.1	8
231	Replicable brain signatures of emotional bias and memory based on diffusion kurtosis imaging of white matter tracts. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 1274-1285	5.9	4
230	Genetic effects on planum temporale asymmetry and their limited relevance to neurodevelopmental disorders, intelligence or educational attainment. <b>2020</b> , 124, 137-153		14
229	Denoising scanner effects from multimodal MRI data using linked independent component analysis. <i>NeuroImage</i> , <b>2020</b> , 208, 116388	7.9	16
228	Right Lateralized Brain Reserve Offsets Age-Related Deficits in Ignoring Distraction. <b>2020</b> , 1, tgaa049		1
227	Brain volume changes after long-term injectable opioid treatment: A longitudinal voxel-based morphometry study. <b>2021</b> , 26, e12970		0
226	Improvement in Uncontrolled Eating Behavior after Laparoscopic Sleeve Gastrectomy Is Associated with Alterations in the Brain-Gut-Microbiome Axis in Obese Women. <b>2020</b> , 12,		12
225	A Higher Grey Matter Density in the Amygdala and Midbrain Is Associated with Persistent Pain Following Total Knee Arthroplasty. <b>2020</b> , 21, 3393-3400		1
224	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. <b>2020</b> , 5, 1095-1103		12
223	Voxel-based morphometry and task functional magnetic resonance imaging in essential tremor: evidence for a disrupted brain network. <i>Scientific Reports</i> , <b>2020</b> , 10, 15061	4.9	5
222	Frequency-specific altered global signal topography in drug-naïve first-episode patients with adolescent-onset schizophrenia. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 1876-1885	4.1	3
221	Aberrant white matter microstructure in treatment-resistant schizophrenia. <b>2020</b> , 305, 111198		2
220	Disrupted structural covariance network in first episode schizophrenia patients: Evidence from a large sample MRI-based morphometric study. <b>2020</b> , 224, 24-32		4
219	Evaluation of Ultrafast Wave-CAIPI MPRAGE for Visual Grading and Automated Measurement of Brain Tissue Volume. <b>2020</b> , 41, 1388-1396		14
218	Evolving diagnostic criteria in primary lateral sclerosis: The clinical and radiological basis of "probable PLS". <b>2020</b> , 417, 117052		17
217	Acute Posttraumatic Symptoms Are Associated With Multimodal Neuroimaging Structural Covariance Patterns: A Possible Role for the Neural Substrates of Visual Processing in Posttraumatic Stress Disorder. <b>2020</b> , 7, 129-129		2
216	Higher Body-Mass Index and Lower Gray Matter Volumes in First Episode of Psychosis. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 556759	5	2

215	Microglia dynamics in adolescent traumatic brain injury. <b>2020</b> , 17, 326		8
214	Multimodal Evaluation of Neurovascular Functionality in Early Parkinson's Disease. <b>2020</b> , 11, 831		2
213	Spatiotemporal changes in substantia nigra neuromelanin content in Parkinson's disease. <i>Brain</i> , <b>2020</b> , 143, 2757-2770	11.2	19
212	Association of midlife stroke risk with structural brain integrity and memory performance at older ages: a longitudinal cohort study. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa026	4.5	5
211	Neurodegeneration trajectory in pediatric and adult/late DM1: A follow-up MRI study across a decade. <b>2020</b> , 7, 1802-1815		5
210	Associations Between Longitudinal Trajectories of Cognitive and Social Activities and Brain Health in Old Age. <b>2020</b> , 3, e2013793		8
209	Grey and white matter volumes in early childhood: A comparison of voxel-based morphometry pipelines. <b>2020</b> , 46, 100875		5
208	A Meta-Analysis of Gray Matter Differences Between Bilinguals and Monolinguals. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 146	3.3	2
207	Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. <b>2020</b> , 18, e3000605		10
206	Exploring white matter microstructure and the impact of antipsychotics in adolescent-onset psychosis. <b>2020</b> , 15, e0233684		4
205	Assessment of the Effects of Aerobic Fitness on Cerebrovascular Function in Young Adults Using Multiple Inversion Time Arterial Spin Labeling MRI. <b>2020</b> , 11, 360		4
204	The effects of an aerobic training intervention on cognition, grey matter volumes and white matter microstructure. <b>2020</b> , 223, 112923		5
203	First-Trimester Prenatal Dexamethasone Treatment Is Associated With Alterations in Brain Structure at Adult Age. <b>2020</b> , 105,		8
202	BDNF Serum Levels are Associated With White Matter Microstructure in Schizophrenia - A Pilot Study. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 31	5	0
201	Limited capacity for ipsilateral secondary motor areas to support hand function post-stroke. <b>2020</b> , 598, 2153-2167		9
200	Altered Large-Scale Brain Functional Connectivity in Ocular Hypertension. <b>2020</b> , 14, 146		7
199	Cortical and subcortical volume differences between Benign Epilepsy with Centrotemporal Spikes and Childhood Absence Epilepsy. <b>2020</b> , 166, 106407		3
198	Functional connectivity between the entorhinal and posterior cingulate cortices underpins navigation discrepancies in at-risk Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2020</b> , 90, 110-118	5.6	7

197	Genome-Wide Association Study of Brain Connectivity Changes for Alzheimer's Disease. <i>Scientific Reports</i> , <b>2020</b> , 10, 1433	4.9	11
196	Acupuncture for poststroke hemiplegia focusing on cerebral bilateral connections: study protocol for a randomised controlled neuroimaging trial. <b>2020</b> , 10, e034548		2
195	Late drug-resistance in mild MTLE: Can it be influenced by preexisting white matter alterations?. <b>2020</b> , 61, 924-934		5
194	A Meta-analysis of Structural and Functional Brain Abnormalities in Early-Onset Schizophrenia. <b>2020</b> , 1,		6
193	Brain Circuit Alterations and Cognitive Disability in Late-Onset Cobalamin D Disorder. <b>2020</b> , 9,		2
192	Neurological manifestations of Erdheim-Chester Disease. <b>2020</b> , 7, 497-506		6
191	Preservation of Gray Matter Volume in Early Stage of Bipolar Disorder: A Case for Early Intervention: Prervation du volume de matire grise au stade prcoce du trouble bipolaire: un cas pour intervention prcoce. <b>2021</b> , 66, 139-146		3
190	Lithium prevents grey matter atrophy in patients with bipolar disorder: an international multicenter study. <i>Psychological Medicine</i> , <b>2021</b> , 51, 1201-1210	6.9	7
189	Genes associated with gray matter volume alterations in schizophrenia. <i>NeuroImage</i> , <b>2021</b> , 225, 117526	7.9	12
188	Multimodal structural neuroimaging markers of risk and recovery from posttrauma anhedonia: A prospective investigation. <b>2021</b> , 38, 79-88		9
187	Effects of Korean red ginseng on human gray matter volume and cognitive function: A voxel-based morphometry study. <b>2021</b> , 36, e2767		1
186	Hierarchical cluster analysis of multimodal imaging data identifies brain atrophy and cognitive patterns in Parkinson's disease. <b>2021</b> , 82, 16-23		10
185	Structural abnormalities of cingulate cortex in patients with first-episode drug-nave schizophrenia comorbid with depressive symptoms. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 1617-1625	5.9	1
184	Cortical thickness and subcortical volume abnormalities in male crack-cocaine users. <b>2021</b> , 310, 111232		1
183	Individual-specific functional connectome biomarkers predict schizophrenia positive symptoms during adolescent brain maturation. <i>Human Brain Mapping</i> , <b>2020</b> , 42, 1475	5.9	3
182	White Matter Microstructural Abnormalities in the Broca's-Wernicke's-Putamen "Hoffman Hallucination Circuit" and Auditory Transcallosal Fibers in First-Episode Psychosis With Auditory Hallucinations. <b>2021</b> , 47, 149-159		1
181	The missing role of gray matter in studying brain controllability. <b>2021</b> , 5, 198-210		2
180	A Systematic Literature Review of Deep Learning for Detecting Dementia. <b>2021</b> , 61-68		1

179	Dissociable developmental trajectories of Orbitofrontal subregion grey matter volume.		
178	Frontotemporal dementia subtypes based on behavioral inhibition deficits. <b>2021</b> , 13, e12178		0
177	Neural mapping of anhedonia across psychiatric diagnoses: A transdiagnostic neuroimaging analysis. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102825	5.3	2
176	Correspondence between patterns of cerebral blood flow and structure in adolescents with and without bipolar disorder. <b>2021</b> , 41, 1988-1999		1
175	Quantitative susceptibility mapping in the thalamus and basal ganglia of systemic lupus erythematosus patients with neuropsychiatric complaints. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102637	5.3	0
174	Extra-motor cerebral changes and manifestations in primary lateral sclerosis. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 2283-2296	4.1	10
173	Machine learning prediction of neurocognitive impairment among people with HIV using clinical and multimodal magnetic resonance imaging data. <b>2021</b> , 27, 1-11		8
172	Different patterns of gray matter atrophy in behavioral variant frontotemporal dementia with and without episodic memory impairment. <b>2021</b> , 36, 1848-1857		3
171	The Amsterdam Open MRI Collection, a set of multimodal MRI datasets for individual difference analyses. <b>2021</b> , 8, 85		12
170	Chronic musculoskeletal impairment is associated with alterations in brain regions responsible for the production and perception of movement. <b>2021</b> , 599, 2255-2272		3
169	Psychosocial, Functional, and Emotional Correlates of Long-Term Opioid Use in Patients with Chronic Back Pain: A Cross-Sectional Case-Control Study. <b>2021</b> , 10, 691-709		1
168	Age- and cognition-related differences in the gray matter volume of the chimpanzee brain (Pan troglodytes): A voxel-based morphometry and conjunction analysis. <b>2021</b> , 83, e23264		4
167	Structural Changes on MRI Demonstrate Specific Cerebellar Involvement in SLE Patients-A VBM Study. <b>2021</b> , 11,		
166	Transcriptional signatures of synaptic vesicle genes define myotonic dystrophy type I neurodegeneration. <b>2021</b> , 47, 1092-1108		3
165	Co-activation pattern alterations in autism spectrum disorder-A volume-wise hierarchical clustering fMRI study. <b>2021</b> , 11, e02174		1
164	Interference of commissural connections through the genu of the corpus callosum specifically impairs sensorimotor gating. <b>2021</b> , 411, 113383		0
163	Amygdala size varies with stress perception. <b>2021</b> , 14, 100334		2
162	Beyond Neuronal Microtubule Stabilization: MAP6 and CRMP5, Two Converging Stories. <b>2021</b> , 14, 665693		5

161	No safe level of alcohol consumption for brain health: observational cohort study of 25,378 UK Biobank participants.		8
160	Clinical predictors and neural correlates for compromised swallowing safety in Huntington disease. <b>2021</b> , 28, 2855-2862		3
159	Age-related changes in diffuse optical tomography sensitivity profiles in infancy. <b>2021</b> , 16, e0252036		3
158	Analysis of Fine Motor Skills in Essential Tremor: Combining Neuroimaging and Handwriting Biomarkers for Early Management. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 648573	3.3	0
157	The Association Between Poor Sleep and Accelerated Brain Ageing.		
156	Investigating developmental changes in scalp-to-cortex correspondence using diffuse optical tomography sensitivity in infancy. <i>Neurophotonics</i> , <b>2021</b> , 8, 035003	3.9	3
155	Dopaminergic modulation of regional cerebral blood flow: An arterial spin labelling study of genetic and pharmacological manipulation of COMT activity. <i>NeuroImage</i> , <b>2021</b> , 234, 117999	7.9	3
154	Identifying Subgroups of Major Depressive Disorder Using Brain Structural Covariance Networks and Mapping of Associated Clinical and Cognitive Variables. <i>Biological Psychiatry Global Open Science</i> , <b>2021</b> , 1, 135-145		1
153	Brain multimodal co-alterations related to delay discounting: a multimodal MRI fusion analysis in persons with and without cocaine use disorder. <b>2021</b> , 22, 51		0
152	Functional connectivity and cognitive changes after donepezil treatment in healthy participants. <b>2021</b> , 238, 3071-3082		1
151	Ageing-related changes in nap neurooscillatory activity are mediated and moderated by grey matter volume. <b>2021</b> , 54, 7332-7354		3
150	Effect of alcohol, tobacco, and cannabis co-use on gray matter volume in heavy drinkers. <b>2021</b> , 35, 760-768		2
149	Abnormal causal connectivity of left superior temporal gyrus in drug-naïve first- episode adolescent-onset schizophrenia: A resting-state fMRI study. <b>2021</b> , 315, 111330		1
148	Does local cerebellar volume predict treatment success in anorexia nervosa?. <b>2021</b> , 317, 111355		3
147	Relations between hemispheric asymmetries of grey matter and auditory processing of spoken syllables in 281 healthy adults. <i>Brain Structure and Function</i> , <b>2021</b> , 1	4	3
146	The Neuropathology of White Matter in Schizophrenia. <b>2021</b> , 179-219		1
145	In vivo assessment of neurodegeneration in Spinocerebellar Ataxia type 7. <i>NeuroImage: Clinical</i> , <b>2021</b> , 29, 102561	5.3	1
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