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A voxel-based morphometric study of ageing in 465 normal adult human brains

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2336	Structural neuroimaging of narcolepsy. 218-222		
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2334	Eugene Jamot (1879-1937). 2002 , 73, 656		
2333	Cortical and subcortical gray matter abnormalities in schizophrenia determined through structural magnetic resonance imaging with optimized volumetric voxel-based morphometry. 2002 , 159, 1497-505		155
2332	A computational morphometric MRI study of schizophrenia: effects of hallucinations. 2002 , 12, 1331-41		132
2331	Subpopulation Brain Atlases. 2002 , 757-796		5
2330	Reduced cortical gray matter in narcolepsy: preliminary findings with voxel-based morphometry. 2002 , 58, 1852-5		78
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2328	The distribution of structural neuropathology in pre-clinical Huntington's disease. 2002 , 125, 1815-28		222
2327	Brain morphology associated with obstructive sleep apnea. 2002 , 166, 1382-7		448
2326	Detection of grey matter loss in mild Alzheimer's disease with voxel based morphometry. 2002 , 73, 657-64		241
2325	Perception & attention. <i>NeuroImage</i> , 2002 , 16, 1315-1583	7.9	
2324	Psychiatry. <i>NeuroImage</i> , 2002 , 16, 2055-2215	7.9	
2323	On the metrics and euler-lagrange equations of computational anatomy. 2002 , 4, 375-405		323
2322	Voxel-based morphometric comparison of hippocampal and extrahippocampal abnormalities in patients with left and right hippocampal atrophy. <i>NeuroImage</i> , 2002 , 16, 23-31	7.9	157
2321	Regional Frontal Cortical Volumes Decrease Differentially in Aging: An MRI Study to Compare Volumetric Approaches and Voxel-Based Morphometry. <i>NeuroImage</i> , 2002 , 17, 657-669	7.9	311

2320	Structural Gray Matter Differences between First-Episode Schizophrenics and Normal Controls Using Voxel-Based Morphometry. <i>NeuroImage</i> , 2002 , 17, 880-889	7.9	202
2319	Patterns of Cerebral Atrophy in Dementia with Lewy Bodies Using Voxel-Based Morphometry. <i>NeuroImage</i> , 2002 , 17, 618-630	7.9	167
2318	Automatic differentiation of anatomical patterns in the human brain: validation with studies of degenerative dementias. <i>NeuroImage</i> , 2002 , 17, 29-46	7.9	360
2317	Voxel-based morphometry reveals increased gray matter density in Broca's area in male symphony orchestra musicians. <i>NeuroImage</i> , 2002 , 17, 1613-22	7.9	257
2316	Comparison of spatial normalization procedures and their impact on functional maps. 2002 , 16, 228-50		81
2315	Language, gesture, and the developing brain. 2002 , 40, 293-310		319
2314	[The trigeminovascular system in the human. Cerebral blood flow, functional imaging and primary headache]. 2003 , 74, 1067-77		3
2313	Regional differences between 99mTc-ECD and 99mTc-HMPAO SPET in perfusion changes with age and gender in healthy adults. 2003 , 30, 1489-97		31
2312	Searching for a structural endophenotype in psychosis using computational morphometry. 2003 , 122, 153-67		57
2311	Computer-assisted imaging to assess brain structure in healthy and diseased brains. 2003 , 2, 79-88		312
2310	Facial expression recognition across the adult life span. 2003 , 41, 195-202		266
2309	Navigation expertise and the human hippocampus: a structural brain imaging analysis. 2003 , 13, 250-9		252
2308	Voxel-based morphometry detects cortical atrophy in the Parkinson variant of multiple system atrophy. 2003 , 18, 1132-8		135
2307	Normative pediatric brain data for spatial normalization and segmentation differs from standard adult data. 2003 , 50, 749-57		131
2306	Neuroanatomical database of normal Japanese brains. 2003 , 16, 1301-10		49
2305	A generic framework for the parcellation of the cortical surface into gyri using geodesic Voronoi diagrams. 2003 , 7, 403-16		88
2304	No change in the structure of the brain in migraine: a voxel-based morphometric study. 2003 , 10, 53-7		86
2303	Mapping cortical change across the human life span. 2003 , 6, 309-15		1766

2302	Alzheimer's disease and frontotemporal dementia exhibit distinct atrophy-behavior correlates: a computer-assisted imaging study. 2003 , 10, 1392-401		34
2301	Activation of a residual cortical network during painful stimulation in long-term postanoxic vegetative state: a 15O-H2O PET study. 2003 , 212, 85-91		92
2300	Quantitative EEG and dynamic susceptibility contrast MRI in Alzheimer's disease: a correlative study. 2003 , 114, 1210-6		59
2299	Voxel-based morphometry of grey matter densities in subjects at high risk of schizophrenia. 2003 , 64, 1-13		160
2298	Deformation-based surface morphometry applied to gray matter deformation. <i>NeuroImage</i> , 2003 , 18, 198-213	7.9	223
2297	Quantitative MRI detects abnormalities in relatives of patients with epilepsy and malformations of cortical development. <i>NeuroImage</i> , 2003 , 18, 642-9	7.9	29
2296	Changes in cerebral morphology consequent to peripheral autonomic denervation. <i>NeuroImage</i> , 2003 , 18, 908-16	7.9	26
2295	A comprehensive study of gray matter loss in patients with Alzheimer's disease using optimized voxel-based morphometry. <i>NeuroImage</i> , 2003 , 18, 895-907	7.9	347
2294	Gender and age effects in structural brain asymmetry as measured by MRI texture analysis. <i>NeuroImage</i> , 2003 , 19, 895-905	7.9	135
2293	A longitudinal study of brain morphometrics using quantitative magnetic resonance imaging and difference image analysis. <i>NeuroImage</i> , 2003 , 20, 22-33	7.9	143
2292	The functional magnetic resonance imaging hemodynamic response to faces remains stable until the ninth decade. <i>NeuroImage</i> , 2003 , 20, 520-8	7.9	29
2291	Frontal cortical tissue composition in abstinent cocaine abusers: a magnetic resonance imaging study. <i>NeuroImage</i> , 2003 , 19, 1095-102	7.9	226
2290	A voxel-based morphometric study of nondemented adults with Down Syndrome. <i>NeuroImage</i> , 2003 , 20, 393-403	7.9	119
2289	Automated detection of gray matter malformations using optimized voxel-based morphometry: a systematic approach. <i>NeuroImage</i> , 2003 , 20, 330-43	7.9	88
2288	A voxel-based morphometric MRI study in female patients with borderline personality disorder. <i>NeuroImage</i> , 2003 , 20, 385-92	7.9	158
2287	How to correct susceptibility distortions in spin-echo echo-planar images: application to diffusion tensor imaging. <i>NeuroImage</i> , 2003 , 20, 870-88	7.9	1557
2286	Evaluation of voxel-based morphometry for focal lesion detection in individuals. <i>NeuroImage</i> , 2003 , 20, 1438-54	7.9	91
2285	Memory & Learning. <i>NeuroImage</i> , 2003 , 19, e245-e489	7.9	

2284	Cognition & Attention. <i>NeuroImage</i> , 2003 , 19, e653-e1206	7.9
2283	Motor Behavior. <i>NeuroImage</i> , 2003 , 19, e2075-e2363	7.9
2282	Development & Aging. <i>NeuroImage</i> , 2003 , 19, e2365-e2509	7.9
2281	Language. <i>NeuroImage</i> , 2003 , 19, e2511-e2822	7.9
2280	Structural disconnectivity in schizophrenia: a diffusion tensor magnetic resonance imaging study. 2003 , 182, 439-443	281
2279	Reduced cortical gray matter density in human MDMA (Ecstasy) users: a voxel-based morphometry study. 2003 , 72, 225-35	89
2278	Mapping brain asymmetry. 2003 , 4, 37-48	981
2277	Quantitative MR image analysis in subjects with defects in the PAX6 gene. <i>NeuroImage</i> , 2003 , 20, 2281-90.9	34
2276	Zen and the art of medical image registration: correspondence, homology, and quality. <i>NeuroImage</i> , 2003 , 20, 1425-37	7.9 153
2275	A voxel-based morphometry study of temporal lobe gray matter reductions in Alzheimer's disease. 2003 , 24, 221-31	166
2274	Functional and structural alterations of the intraparietal sulcus in a developmental dyscalculia of genetic origin. 2003 , 40, 847-58	281
2273	Changes in brain morphology associated with obstructive sleep apnea. 2003 , 4, 451-4	235
2272	Computational neuroanatomy in sleep-disordered breathing and related disorders. 2003 , 4, 379-80	
2271	Volume and Atrophy. 533-558	0
2270	Aging affects the engagement of the hippocampus during autobiographical memory retrieval. 2003 , 126, 1511-23	166
2269	Dementia and ageing. 2003 , 65, 159-68	9
2268	A life span view of emotional functioning in adulthood and old age. 2003 , 15, 133-162	8
2267	A longitudinal study of brain volume changes in normal aging using serial registered magnetic resonance imaging. 2003 , 60, 989-94	585

2266	Labeled cortical mantle distance maps of the cingulate quantify differences between dementia of the Alzheimer type and healthy aging. 2003 , 100, 15172-7	46
2265	Tensor-based brain surface modeling and analysis.	10
2264	Inferior parietal lobule projections to anterior inferotemporal cortex (area TE) in macaque monkey. 2003 , 13, 527-40	59
2263	"Motor circuit" gray matter changes in idiopathic cervical dystonia. 2003 , 61, 1228-31	134
2262	Dosage-sensitive X-linked locus influences the development of amygdala and orbitofrontal cortex, and fear recognition in humans. 2003 , 126, 2431-46	154
2261	Voxel-based analysis of MRI reveals anterior cingulate gray-matter volume reduction in posttraumatic stress disorder due to terrorism. 2003 , 100, 9039-43	313
2260	Temporal dynamics of brain anatomy. 2003 , 5, 119-45	49
2259	A primal sketch of the cortex mean curvature: a morphogenesis based approach to study the variability of the folding patterns. 2003 , 22, 754-65	117
2258	What's in a name: voxel-based morphometric analyses of MRI and naming difficulty in Alzheimer's disease, frontotemporal dementia and corticobasal degeneration. 2004 , 127, 628-49	272
2257	Focal right inferotemporal atrophy in AD with disproportionate visual constructive impairment. 2003 , 61, 1485-91	38
2256	Dissociating atrophy and hypometabolism impact on episodic memory in mild cognitive impairment. 2003 , 126, 1955-67	198
2255	Three-dimensional analysis of MRI. 2003 , 3, 513-529	
2254	A voxel-based measure of discrete compactness for brain imaging.	1
2253	Progressive non-fluent aphasia is associated with hypometabolism centred on the left anterior insula. 2003 , 126, 2406-18	254
2252	Age effects on the neural correlates of successful memory encoding. 2003 , 126, 213-29	295
2251	Age-related changes in conventional, magnetization transfer, and diffusion-tensor MR imaging findings: study with whole-brain tissue histogram analysis. 2003 , 227, 731-8	121
2250	Methodology for the assessment of the relationship between structural and functional imaging findings in neuroimaging. 2003 ,	
2249	Voxel-based morphometry in pazienti affetti dalla forma lieve della malattia di Alzheimer. 2003 , 16, 51-53	

2248	Atassia cerebellare di Friedreich: Uno studio di voxel-based morphometry (VBM). 2003 , 16, 55-56	5
2247	Atrophy pattern in SCA2 determined by voxel-based morphometry. 2003 , 14, 1799-802	82
2246	Gray and white matter brain abnormalities in first-episode schizophrenia inferred from magnetization transfer imaging. 2003 , 60, 779-88	94
2245	Construction of mouse brain MRI templates using SPM 99. 2003 , 36, 113-118	1
2244	In vivo voxel-based morphometry in multiple system atrophy of the cerebellar type. 2003 , 60, 1431-5	62
2243	Atypical cerebral laterality in adults with persistent developmental stuttering. 2003 , 61, 1378-85	71
2242	The Measurement Process: MR Data Collection and Image Analysis. 17-54	4
2241	Voxel-Based Morphometry in Hypocretin-Deficient Narcolepsy. 2003 ,	
2240	Brain structures differ between musicians and non-musicians. 2003 , 23, 9240-5	1117
2239	Dynamics of gray matter loss in Alzheimer's disease. 2003 , 23, 994-1005	862
2238	Association of genetic risks for schizophrenia and bipolar disorder with specific and generic brain structural endophenotypes. 2004 , 61, 974-84	311
2237	Regional reductions of gray matter volume in familial dyslexia. 2004 , 63, 742-5	106
2236	Cerebral atrophy in Parkinson's disease with and without dementia: a comparison with Alzheimer's disease, dementia with Lewy bodies and controls. 2004 , 127, 791-800	459
2235	Architecture of the Human Cerebral Cortex. 2004 , 997-1055	44
2234	Brain anatomy in Turner syndrome: evidence for impaired social and spatial-numerical networks. 2004 , 14, 840-50	103
2233	Mapping structural brain alterations in obsessive-compulsive disorder. 2004 , 61, 720-30	331
2232	Towards a new mapping of brain cortex function. 2004 , 17 Suppl 3, 35-8	7
2231	Thinning of the cerebral cortex in aging. 2004 , 14, 721-30	1282

2230	Voxel-based morphometry reveals gray matter network atrophy in refractory medial temporal lobe epilepsy. 2004 , 61, 1379-84	149
2229	Mapping changes in the human cortex throughout the span of life. 2004 , 10, 372-92	408
2228	Age-related cortical grey matter reductions in non-demented Down's syndrome adults determined by MRI with voxel-based morphometry. 2004 , 127, 811-24	115
2227	Cognitive sequelae of head injury: involvement of basal forebrain and associated structures. 2005 , 128, 189-200	127
2226	Chronic back pain is associated with decreased prefrontal and thalamic gray matter density. 2004 , 24, 10410-5	993
2225	A voxel-based morphometric study to determine individual differences in gray matter density associated with age and cognitive change over time. 2004 , 14, 966-73	206
2224	Differential vulnerability of anterior white matter in nondemented aging with minimal acceleration in dementia of the Alzheimer type: evidence from diffusion tensor imaging. 2004 , 14, 410-23	461
2223	Estimating retest effects in longitudinal assessments of cognitive functioning in adults between 18 and 60 years of age. 2004 , 40, 813-22	109
2222	The brain-derived neurotrophic factor val66met polymorphism and variation in human cortical morphology. 2004 , 24, 10099-102	728
2221	An experiment of nature: brain anatomy parallels cognition and behavior in Williams syndrome. 2004 , 24, 5009-15	222
2220	Regional variations in the thickness of cervical spine endplates as measured by computed tomography. 2004 , 45, 53-8	3
2219	A study of bipolar disorder using magnetization transfer imaging and voxel-based morphometry. 2004 , 127, 2433-40	92
2218	Dissociation of numbers and objects in corticobasal degeneration and semantic dementia. 2004 , 62, 1163-9	56
2217	Cerebral atrophy as predictor of cognitive function in old, community-dwelling individuals. 2004 , 109, 398-406	16
2216	Neural systems supporting interoceptive awareness. 2004 , 7, 189-95	2513
2215	Insights into the ageing mind: a view from cognitive neuroscience. 2004 , 5, 87-96	1440
2214	Hippocampal adaptation to face repetition in healthy elderly and mild cognitive impairment. 2004 , 42, 980-9	87
2213	Memory and executive function in older adults: relationships with temporal and prefrontal gray matter volumes and white matter hyperintensities. 2004 , 42, 1313-35	156

2212	Relationship between hippocampal volume and memory ability in healthy individuals across the lifespan: review and meta-analysis. 2004 , 42, 1394-413	454
2211	Coordinate-based versus structural approaches to brain image analysis. 2004 , 30, 177-97	31
2210	Analysis of the hemispheric asymmetry using fractal dimension of a skeletonized cerebral surface. 2004 , 51, 1494-8	35
2209	Mechanisms underlying fatigue: a voxel-based morphometric study of chronic fatigue syndrome. 2004 , 4, 14	147
2208	Morphological brain differences between adult stutterers and non-stutterers. 2004 , 4, 23	76
2207	Imaging genetic influences in human brain function. 2004 , 14, 239-47	41
2206	Absence of localized grey matter volume changes in the motor cortex following spinal cord injury. 2004 , 1028, 19-25	42
2205	Structural brain differences in patients with schizophrenia and schizotypal disorder demonstrated by voxel-based morphometry. 2004 , 254, 406-14	95
2204	Multisensory integration in multiple reference frames in the posterior parietal cortex. 2004 , 5, 159	17
2203	[Mrt-based morphometry. A current assessment]. 2004 , 75, 1172-8	3
2202	Changes in brain anatomy in focal hand dystonia. 2004 , 55, 736-9	141
2201	A comparison between the accuracy of voxel-based morphometry and hippocampal volumetry in Alzheimer's disease. 2004 , 19, 274-82	143
2200	Diffusion anisotropy in subcortical white matter and cortical gray matter: changes with aging and the role of CSF-suppression. 2004 , 20, 216-27	184
2199	Voxel-based analysis of MTR images: a method to locate gray matter abnormalities in patients at the earliest stage of multiple sclerosis. 2004 , 20, 765-71	68
2198	Amyotrophic lateral sclerosis: diffusion tensor tractography and voxel-based analysis. 2004 , 17, 411-6	118
2197	Neuroimaging correlates of the Halstead Finger Tapping Test several years post-traumatic brain injury. 2004 , 18, 661-9	21
2196	Imaging of Oral and Maxillofacial Function: New Perspectives for Neuroradiology. 2004 , 46, 177-190	2
2195	Development & Aging. <i>NeuroImage</i> , 2004 , 22, e451-e588	7.9

2194	Sensation & Perception. <i>NeuroImage</i> , 2004 , 22, e901-e1200	7.9	
2193	Modeling & Analysis. <i>NeuroImage</i> , 2004 , 22, e1393-e1900	7.9	1
2192	Abnormal gyral complexity in first-episode schizophrenia. 2004 , 55, 859-67		113
2191	Regional brain gray matter volume differences in patients with bipolar disorder as assessed by optimized voxel-based morphometry. 2004 , 55, 1154-62		135
2190	Reduced left anterior cingulate volumes in untreated bipolar patients. 2004 , 56, 467-75		165
2189	Structural neural networks subserving oculomotor function in first-episode schizophrenia. 2004 , 56, 620-7		15
2188	Smaller hippocampal volume in patients with recent-onset posttraumatic stress disorder. 2004 , 56, 832-6		156
2187	Cerebral atrophy in myotonic dystrophy: a voxel based morphometric study. 2004 , 75, 1611-3		62
2186	Follow-up MRI study of prefrontal volumes in first-episode psychotic patients. 2004 , 71, 349-51		26
2185	Neural basis of genetically determined visuospatial construction deficit in Williams syndrome. 2004 , 43, 623-31		245
2184	Voxel-based morphometry of human brain with age and cerebrovascular risk factors. 2004 , 25, 455-63		148
2183	Non-rigid image registration: theory and practice. 2004 , 77 Spec No 2, S140-53		424
2182	[Imaging of dementia with magnetic resonance]. 2004 , 33, 1027-33		3
2181	Sex-linked differences in the anatomy of the perisylvian language cortex: a volumetric MRI study of gray matter volumes. 2004 , 18, 738-47		23
2180	Interindividual differences of medial temporal lobe activation during encoding in an elderly population studied by fMRI. <i>NeuroImage</i> , 2004 , 21, 173-80	7.9	31
2179	Voxel-based relaxometry: a new approach for analysis of T2 relaxometry changes in epilepsy. <i>NeuroImage</i> , 2004 , 21, 707-13	7.9	104
2178	Decreased cerebral activation during CPT performance: structural and functional deficits in schizophrenic patients. <i>NeuroImage</i> , 2004 , 21, 840-7	7.9	99
2177	Voxel-based morphometry of comorbid schizophrenia and learning disability: analyses in normalized and native spaces using parametric and nonparametric statistical methods. <i>NeuroImage</i> , 2004 , 22, 188-202	7.9	49

2176	An automated algorithm for the computation of brain volume change from sequential MRIs using an iterative principal component analysis and its evaluation for the assessment of whole-brain atrophy rates in patients with probable Alzheimer's disease. <i>NeuroImage</i> , 2004 , 22, 134-43	7.9	36
2175	Sulcal pattern and morphology of the superior temporal sulcus. <i>NeuroImage</i> , 2004 , 22, 706-19	7.9	86
2174	A voxel-based approach to gray matter asymmetries. <i>NeuroImage</i> , 2004 , 22, 656-64	7.9	167
2173	Brain localization of attentional control in different age groups by combining functional and structural MRI. <i>NeuroImage</i> , 2004 , 22, 912-9	7.9	71
2172	Neuroanatomy of adult strabismus: a voxel-based morphometric analysis of magnetic resonance structural scans. <i>NeuroImage</i> , 2004 , 22, 986-94	7.9	58
2171	A voxel-based investigation of brain structure in male adolescents with autistic spectrum disorder. <i>NeuroImage</i> , 2004 , 22, 619-25	7.9	181
2170	Semiautomatic brain region extraction: a method of parcellating brain regions from structural magnetic resonance images. <i>NeuroImage</i> , 2004 , 22, 1492-502	7.9	76
2169	Age-associated changes of cerebral glucose metabolic activity in both male and female deaf children: parametric analysis using objective volume of interest and voxel-based mapping. <i>NeuroImage</i> , 2004 , 22, 1543-53	7.9	23
2168	Structural brain variation and general intelligence. <i>NeuroImage</i> , 2004 , 23, 425-33	7.9	421
2167	Comparing gray matter loss profiles between dementia with Lewy bodies and Alzheimer's disease using cortical pattern matching: diagnosis and gender effects. <i>NeuroImage</i> , 2004 , 23, 325-35	7.9	90
2166	Less white matter concentration in autism: 2D voxel-based morphometry. <i>NeuroImage</i> , 2004 , 23, 242-51	7.9	127
2165	Voxel-based morphometry of unilateral temporal lobe epilepsy reveals abnormalities in cerebral white matter. <i>NeuroImage</i> , 2004 , 23, 167-74	7.9	74
2164	Voxel-based morphometry detects patterns of atrophy that help differentiate progressive supranuclear palsy and Parkinson's disease. <i>NeuroImage</i> , 2004 , 23, 663-9	7.9	129
2163	Superior temporal sulcus anatomical abnormalities in childhood autism: a voxel-based morphometry MRI study. <i>NeuroImage</i> , 2004 , 23, 364-9	7.9	353
2162	Computational anatomy: shape, growth, and atrophy comparison via diffeomorphisms. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S19-33	7.9	136
2161	Computational anatomy and neuropsychiatric disease: probabilistic assessment of variation and statistical inference of group difference, hemispheric asymmetry, and time-dependent change. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S56-68	7.9	81
2160	Hippocampal gray matter reduction associates with memory deficits in adolescents with history of prematurity. <i>NeuroImage</i> , 2004 , 23, 869-77	7.9	74
2159	Comparison of standard and optimized voxel-based morphometry for analysis of brain changes associated with temporal lobe epilepsy. <i>NeuroImage</i> , 2004 , 23, 860-8	7.9	116

2158	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S2-18	7.9	312
2157	Human medial intraparietal cortex subserves visuomotor coordinate transformation. <i>NeuroImage</i> , 2004 , 23, 1494-506	7.9	203
2156	Effects of age and sex on volumes of the thalamus, pons, and cortex. 2004 , 25, 185-92		166
2155	Aging, sexual dimorphism, and hemispheric asymmetry of the cerebral cortex: replicability of regional differences in volume. 2004 , 25, 377-96		536
2154	Imaging cerebral atrophy: normal ageing to Alzheimer's disease. 2004 , 363, 392-4		297
2153	Alexithymia correlates with the size of the right anterior cingulate. 2004 , 66, 132-40		90
2152	Absence of cortical gray matter abnormalities in psychosis of epilepsy: a voxel-based MRI study in patients with temporal lobe epilepsy. 2004 , 16, 148-55		11
2151	Pseudo-neglect in Huntington's disease correlates with decreased angular gyrus density. 2004 , 15, 1061-4		11
2150	Comparisons between Alzheimer disease, frontotemporal lobar degeneration, and normal aging with brain mapping. 2005 , 16, 409-25		65
2149	Advances in Neuroimaging in Alzheimer's Disease and other Dementias. 2005 , 18, 469-477		
2148	Volume changes in gray matter in first-episode neuroleptic-naive schizophrenic patients treated with risperidone. 2005 , 25, 111-7		68
2147	Magnetic resonance approaches to brain aging and Alzheimer disease-associated neuropathology. 2005 , 16, 439-52		24
2146	SystemicVersusTopical Glucocorticoid Therapy for Acute Asthma. 2005 , 172, 1055-1055		3
2145	Brain morphometry using diffusion-weighted magnetic resonance imaging: application to schizophrenia. 2005 , 16, 1455-9		40
2144	Amygdala gray matter concentration is associated with extraversion and neuroticism. 2005 , 16, 1905-8		174
2143	Constructing and assessing brain templates from Chinese pediatric MRI data using SPM. 2005 ,		
2142	Age related preservation and loss in optimized brain SPECT. 2005 , 26, 497-503		10
2141	The implications of cortical recruitment and brain morphology for individual differences in inhibitory function in aging humans. 2005 , 20, 363-75		192

2140	Structural brain variation, age, and response time. 2005 , 5, 246-51	19
2139	Aging and motivated cognition: the positivity effect in attention and memory. 2005 , 9, 496-502	1206
2138	Unified segmentation. <i>NeuroImage</i> , 2005 , 26, 839-51	7.9 5615
2137	Neuroimaging of bipolar disorder: emphasis on novel MRI techniques. 2005 , 46 Suppl 4, 14-8	4
2136	Putaminal gray matter volume decrease in panic disorder: an optimized voxel-based morphometry study. 2005 , 22, 2089-94	88
2135	Retinal abnormalities in human albinism translate into a reduction of grey matter in the occipital cortex. 2005 , 22, 2475-80	47
2134	Intellect declines in healthy elderly subjects and cerebellum. 2005 , 59, 45-51	46
2133	5-HTTLPR polymorphism impacts human cingulate-amygdala interactions: a genetic susceptibility mechanism for depression. 2005 , 8, 828-34	1653
2132	In vivo imaging of muscarinic receptors in the aging female brain with (R,R)[123I]-I-QNB and single photon emission tomography. 2005 , 40, 137-45	24
2131	Male elderly subthreshold depression patients have smaller volume of medial part of prefrontal cortex and precentral gyrus compared with age-matched normal subjects: a voxel-based morphometry. 2005 , 88, 313-20	89
2130	On beyond mirror neurons: internal representations subserving imitation and recognition of skilled object-related actions in humans. 2005 , 25, 226-39	246
2129	Identifying lesions on structural brain images--validation of the method and application to neuropsychological patients. 2005 , 94, 167-77	49
2128	Cortical volume and speed-of-processing are complementary in prediction of performance intelligence. 2005 , 43, 704-13	49
2127	The role of the striatal dopamine transporter in cognitive aging. 2005 , 138, 1-12	168
2126	A manual and automated MRI study of anterior cingulate and orbito-frontal cortices, and caudate nucleus in obsessive-compulsive disorder: comparison with healthy controls and patients with schizophrenia. 2005 , 138, 99-113	105
2125	Grey matter deficits and symptom profile in first episode schizophrenia. 2005 , 139, 229-38	54
2124	Mapping of temporal and parietal cortex in progressive nonfluent aphasia and Alzheimer's disease using chemical shift imaging, voxel-based morphometry and positron emission tomography. 2005 , 140, 115-31	33
2123	Voxel-based analysis of MRI detects abnormal visual cortex in children and adults with amblyopia. 2005 , 25, 222-36	88

2122	Preservation of limbic and paralimbic structures in aging. 2005 , 25, 391-401	231
2121	Age-related morphology trends of cortical sulci. 2005 , 26, 210-20	156
2120	The aging brain: the cognitive reserve hypothesis and hominid evolution. 2005 , 17, 673-89	46
2119	Anterior temporal laterality in primary progressive aphasia shifts to the right. 2005 , 58, 362-70	44
2118	Brain FDG PET study of normal aging in Japanese: effect of atrophy correction. 2005 , 32, 794-805	84
2117	Longitudinal evaluation of cerebral morphological changes in Parkinson's disease with and without dementia. 2005 , 252, 1345-52	113
2116	Apparent CBF decrease with normal aging due to partial volume effects: MR-based partial volume correction on CBF SPECT. 2005 , 19, 283-90	25
2115	Normative estimates of cross-sectional and longitudinal brain volume decline in aging and AD. 2005 , 64, 1032-9	390
2114	Structural brain changes in Parkinson disease with dementia: a voxel-based morphometry study. 2005 , 62, 281-5	238
2113	Traumatic brain injury and grey matter concentration: a preliminary voxel based morphometry study. 2005 , 76, 984-8	125
2112	Voxel-Based Morphometry of the Human Brain: Methods and Applications. 2005 , 1, 105-113	566
2111	Functional neuroanatomy of anticipatory behavior: dissociation between sensory-driven and memory-driven systems. 2005 , 15, 1982-91	69
2110	Thalamic atrophy in Huntington's disease co-varies with cognitive performance: a morphometric MRI analysis. 2005 , 15, 846-53	134
2109	The organization and connections of anterior and posterior parietal cortex in titi monkeys: do New World monkeys have an area 2?. 2005 , 15, 1938-63	89
2108	Region-specific changes in prefrontal function with age: a review of PET and fMRI studies on working and episodic memory. 2005 , 128, 1964-83	388
2107	Subgenual prefrontal cortex volumes in major depressive disorder and schizophrenia: diagnostic specificity and prognostic implications. 2005 , 162, 1706-12	127
2106	Cross-sectional and longitudinal analyses of anatomical sulcal changes associated with aging. 2006 , 16, 1584-94	79
2105	Selective atrophy of left hemisphere and frontal lobe of the brain in old men. 2005 , 60, 165-74	11

2104	Pattern of cerebral hypoperfusion in Alzheimer disease and mild cognitive impairment measured with arterial spin-labeling MR imaging: initial experience. 2005 , 234, 851-9	459
2103	Systemic versus topical glucocorticoid therapy for acute asthma. 2005 , 172, 1055; author reply 1055	
2102	Where are the guidelines for the treatment of asthma with panic spectrum symptoms?. 2005 , 172, 1055-6; author reply 1056	4
2101	Cerebral structural changes in severe obstructive sleep apnea. 2005 , 171, 1185-90	142
2100	Graphical-Model-based Morphometric Analysis. 2005 , 24, 1237-48	22
2099	Changes in white matter in long-term survivors of severe non-missile traumatic brain injury: a computational analysis of magnetic resonance images. 2005 , 22, 76-82	44
2098	A template effect study on voxel-based morphometry in statistic parametric mapping. 2005 , 2005, 3051-4	10
2097	A stochastic model for studying the laminar structure of cortex from MRI. 2005 , 24, 728-42	13
2096	Genetic contributions to human gyrification: sulcal morphometry in Williams syndrome. 2005 , 25, 7840-6	109
2095	Regional deficits in brain volume in schizophrenia: a meta-analysis of voxel-based morphometry studies. 2005 , 162, 2233-45	966
2094	Variation in DISC1 affects hippocampal structure and function and increases risk for schizophrenia. 2005 , 102, 8627-32	434
2093	Language acquisition and brain development. 2005 , 310, 815-9	208
2092	Cerebral correlates of declarative memory dysfunctions in early traumatic brain injury. 2005 , 76, 129-31	60
2091	Neural synchrony and gray matter variation in human males and females: integration of 40 Hz gamma synchrony and MRI measures. 2005 , 4, 77-93	6
2090	Frontotemporal alterations in pediatric bipolar disorder: results of a voxel-based morphometry study. 2005 , 62, 734-41	219
2089	Cognitive aging and Alzheimer's disease. 2005 , 81, 343-52	24
2088	Beyond affect: a role for genetic variation of the serotonin transporter in neural activation during a cognitive attention task. 2005 , 102, 12224-9	299
2087	Magnetic resonance imaging signatures of tissue pathology in frontotemporal dementia. 2005 , 62, 1402-8	120

2086	Risk factors for progression of brain atrophy in aging: six-year follow-up of normal subjects. 2005 , 64, 1704-11		315
2085	Regional volume deviations of brain structure in schizophrenia and psychotic bipolar disorder: computational morphometry study. 2005 , 186, 369-77		192
2084	Differential cortical atrophy in subgroups of mild cognitive impairment. 2005 , 62, 1393-7		161
2083	Measurement of basal forebrain atrophy in Alzheimer's disease using MRI. 2005 , 128, 2626-44		182
2082	Brain tissue damage in dementia with Lewy bodies: an in vivo diffusion tensor MRI study. 2005 , 128, 1595-604		85
2081	Clinical deficits correlate with regional cerebral atrophy in progressive supranuclear palsy. 2005 , 128, 1259-66		125
2080	Reduced regional cerebral blood flow in SPG4-linked hereditary spastic paraplegia. 2005 , 235, 23-32		18
2079	Structural brain correlates of prepulse inhibition of the acoustic startle response in healthy humans. <i>NeuroImage</i> , 2005 , 26, 1052-8	7.9	81
2078	Anatomical signatures of dyslexia in children: unique information from manual and voxel based morphometry brain measures. 2005 , 41, 304-15		121
2077	Program for Assisted Labeling of Sulcal Regions (PALS): description and reliability. <i>NeuroImage</i> , 2005 , 24, 398-416	7.9	11
2076	Structural neural correlates of prosaccade and antisaccade eye movements in healthy humans. <i>NeuroImage</i> , 2005 , 24, 487-94	7.9	54
2075	Lateralization of ventral and dorsal auditory-language pathways in the human brain. <i>NeuroImage</i> , 2005 , 24, 656-66	7.9	411
2074	Structural white matter deficits in high-functioning individuals with autistic spectrum disorder: a voxel-based investigation. <i>NeuroImage</i> , 2005 , 24, 455-61	7.9	173
2073	Mapping brain structure and personality in late adulthood. <i>NeuroImage</i> , 2005 , 24, 315-22	7.9	46
2072	No epsilon4 gene dose effect on hippocampal atrophy in a large MRI database of healthy elderly subjects. <i>NeuroImage</i> , 2005 , 24, 1205-13	7.9	89
2071	Neural correlates of semantic and behavioural deficits in frontotemporal dementia. <i>NeuroImage</i> , 2005 , 24, 1042-51	7.9	158
2070	Verbal episodic memory impairment in Alzheimer's disease: a combined structural and functional MRI study. <i>NeuroImage</i> , 2005 , 25, 253-66	7.9	149
2069	The neuroanatomy of general intelligence: sex matters. <i>NeuroImage</i> , 2005 , 25, 320-7	7.9	302

2068	Voxel-based analysis of multiple-system atrophy of cerebellar type: complementary results by combining voxel-based morphometry and voxel-based relaxometry. <i>NeuroImage</i> , 2005 , 25, 287-93	7.9	53
2067	Voxel-based morphometry of the thalamus in patients with refractory medial temporal lobe epilepsy. <i>NeuroImage</i> , 2005 , 25, 1016-21	7.9	106
2066	Preclinical detection of Alzheimer's disease: hippocampal shape and volume predict dementia onset in the elderly. <i>NeuroImage</i> , 2005 , 25, 783-92	7.9	256
2065	Voxel-based morphometry and stereology provide convergent evidence of the importance of medial prefrontal cortex for fluid intelligence in healthy adults. <i>NeuroImage</i> , 2005 , 25, 1175-86	7.9	111
2064	Linking retinotopic fMRI mapping and anatomical probability maps of human occipital areas V1 and V2. <i>NeuroImage</i> , 2005 , 26, 73-82	7.9	58
2063	Quantitative analysis of group-specific brain tissue probability map for schizophrenic patients. <i>NeuroImage</i> , 2005 , 26, 502-12	7.9	9
2062	Comparison of different methodological implementations of voxel-based morphometry in neurodegenerative disease. <i>NeuroImage</i> , 2005 , 26, 600-8	7.9	149
2061	Mapping cortical gray matter in the young adult brain: effects of gender. <i>NeuroImage</i> , 2005 , 26, 493-501	7.9	166
2060	Gray matter volume reduction in the chronic fatigue syndrome. <i>NeuroImage</i> , 2005 , 26, 777-81	7.9	127
2059	Age- and sex-related effects on the neuroanatomy of healthy elderly. <i>NeuroImage</i> , 2005 , 26, 900-11	7.9	231
2058	Mapping postnatal mouse brain development with diffusion tensor microimaging. <i>NeuroImage</i> , 2005 , 26, 1042-51	7.9	72
2057	Empirical comparison of maximal voxel and non-isotropic adjusted cluster extent results in a voxel-based morphometry study of comorbid learning disability with schizophrenia. <i>NeuroImage</i> , 2005 , 28, 544-52	7.9	46
2056	Using voxel-based morphometry to map the structural changes associated with rapid conversion in MCI: a longitudinal MRI study. <i>NeuroImage</i> , 2005 , 27, 934-46	7.9	418
2055	Diffusion tensor imaging in medial temporal lobe epilepsy with hippocampal sclerosis. <i>NeuroImage</i> , 2005 , 28, 682-90	7.9	157
2054	Development of attentional networks: an fMRI study with children and adults. <i>NeuroImage</i> , 2005 , 28, 429-39	7.9	251
2053	Brain abnormalities underlying altered activation in dyslexia: a voxel based morphometry study. 2005 , 128, 2453-61		187
2052	Age-related structural changes in the young adult brain shown by magnetic resonance diffusion tensor imaging. 2005 , 12, 268-75		21
2051	Volumetric, connective, and morphologic changes in the brains of children with chromosome 22q11.2 deletion syndrome: an integrative study. <i>NeuroImage</i> , 2005 , 25, 169-80	7.9	169

2050	Global brain atrophy and corticospinal tract alterations in ALS, as investigated by voxel-based morphometry of 3-D MRI. 2005 , 6, 213-20	141
2049	Brain volumes in healthy adults aged 40 years and over: a voxel-based morphometry study. 2005 , 17, 329-36	46
2048	Neuroanatomical correlates of behavioural disorders in dementia. 2005 , 128, 2612-25	384
2047	Age-differential patterns of brain activation during perception of angry faces. 2005 , 386, 99-104	97
2046	Global and regional gray matter reductions in ADHD: a voxel-based morphometric study. 2005 , 389, 88-93	199
2045	Are there pre-existing neural, cognitive, or motoric markers for musical ability?. 2005 , 59, 124-34	136
2044	Optimized voxel-based morphometry of gray matter volume in first-episode, antipsychotic-naive schizophrenia. 2005 , 29, 587-91	80
2043	Measures of brain morphology and infarction in the framingham heart study: establishing what is normal. 2005 , 26, 491-510	495
2042	Age-related metabolic changes in the upper brainstem tegmentum by MR spectroscopy. 2005 , 26, 1051-9	23
2041	Selective sparing of brain tissue in postmenopausal women receiving hormone replacement therapy. 2005 , 26, 1205-13	83
2040	Methods for studying the aging brain: Volumetric analyses versus VBM. 2005 , 26, 1275-1278	145
2039	Neuroanatomical aging: Universal but not uniform. 2005 , 26, 1279-1282	91
2038	Effects of age on volumes of cortex, white matter and subcortical structures. 2005 , 26, 1261-70; discussion 1275-8	477
2037	Normal neuroanatomical variation due to age: the major lobes and a parcellation of the temporal region. 2005 , 26, 1245-60; discussion 1279-82	404
2036	Aging affects both perceptual and lexical/semantic components of word stem priming: An event-related fMRI study. 2005 , 83, 251-62	33
2035	Voxel-based morphometry in narcolepsy. 2005 , 6, 531-6	66
2034	Neuroimaging biomarkers for clinical trials of disease-modifying therapies in Alzheimer's disease. 2005 , 2, 348-60	124
2033	Genetics of brain structure and intelligence. 2005 , 28, 1-23	258

2032	Selective reduction in amygdala volume in pediatric anxiety disorders: a voxel-based morphometry investigation. 2005 , 57, 961-6	155
2031	Changes in gray matter volume in patients with bipolar disorder. 2005 , 58, 151-7	147
2030	Regional gray matter abnormalities in obsessive-compulsive disorder: a voxel-based morphometry study. 2005 , 58, 479-87	182
2029	Diagnosis-related regional gray matter loss over two years in first episode schizophrenia and bipolar disorder. 2005 , 58, 713-23	183
2028	The relationship of structural alterations to cognitive deficits in schizophrenia: a voxel-based morphometry study. 2005 , 58, 457-67	144
2027	Voxel-based morphometry versus region of interest: a comparison of two methods for analyzing gray matter differences in schizophrenia. 2005 , 74, 135-47	221
2026	Separating functional and structural damage in persistent vegetative state using combined voxel-based analysis of 3-D MRI and FDG-PET. 2005 , 228, 179-84	31
2025	Executive dysfunction in early stages of Huntington's disease is associated with striatal and insular atrophy: a neuropsychological and voxel-based morphometric study. 2005 , 239, 11-9	147
2024	MR Imaging in White Matter Diseases of the Brain and Spinal Cord. 2005 ,	7
2023	Increased intracranial volume in Parkinson's disease. 2005 , 239, 45-52	36
2022	Mr morphometry analysis of grey matter volume reduction in schizophrenia: association with hallucinations. 2006 , 116, 9-23	110
2021	Extracting Discriminative Information from Medical Images: A Multivariate Linear Approach. 2006 ,	1
2020	Data-Driven Optimization of Brain SPECT Processing for Voxel-Based Statistical Analysis. 2006 , 53, 2822-2826	1
2019	Semantic dementia and fluent primary progressive aphasia: two sides of the same coin?. 2006 , 129, 3066-80	184
2018	Gray matter atrophy associated with duration of temporal lobe epilepsy. <i>NeuroImage</i> , 2006 , 32, 1070-9	7.9 108
2017	Structure-function correlates of cognitive decline in aging. 2006 , 16, 907-15	327
2016	Sex differences in neural mechanisms underlying implicit symmetry processing. 2006 , 42, 963-9	2
2015	Application of an automated voxel-based morphometry technique to assess regional gray and white matter brain atrophy in a canine model of aging. <i>NeuroImage</i> , 2006 , 29, 234-44	7.9 45

2014	Handedness and cerebral anatomical asymmetries in young adult males. <i>NeuroImage</i> , 2006 , 29, 1066-79	7.9	157
2013	Grey matter loss in relapsing-remitting multiple sclerosis: a voxel-based morphometry study. <i>NeuroImage</i> , 2006 , 29, 859-67	7.9	144
2012	Gray matter reduction is correlated with white matter hyperintensity volume: a voxel-based morphometric study in a large epidemiological sample. <i>NeuroImage</i> , 2006 , 29, 1031-9	7.9	107
2011	Fully-automated detection of cerebral water content changes: study of age- and gender-related H2O patterns with quantitative MRI. <i>NeuroImage</i> , 2006 , 29, 910-22	7.9	92
2010	Cortical abnormalities in bipolar disorder investigated with MRI and voxel-based morphometry. <i>NeuroImage</i> , 2006 , 30, 485-97	7.9	169
2009	Evidence for a direct association between cortical atrophy and cognitive impairment in relapsing-remitting MS. <i>NeuroImage</i> , 2006 , 30, 891-8	7.9	188
2008	Parieto-occipital grey matter abnormalities in children with Williams syndrome. <i>NeuroImage</i> , 2006 , 30, 721-5	7.9	63
2007	A non-parametric approach for co-analysis of multi-modal brain imaging data: application to Alzheimer's disease. <i>NeuroImage</i> , 2006 , 30, 768-79	7.9	40
2006	Statistical parametric mapping of brain morphology: sensitivity is dramatically increased by using brain-extracted images as inputs. <i>NeuroImage</i> , 2006 , 30, 1187-95	7.9	51
2005	Generality and specificity in cognitive aging: a volumetric brain analysis. <i>NeuroImage</i> , 2006 , 30, 1433-40	7.9	37
2004	Imaging the neocortex in epilepsy with double inversion recovery imaging. <i>NeuroImage</i> , 2006 , 31, 39-50	7.9	54
2003	Improvement-related functional plasticity following pitch memory training. <i>NeuroImage</i> , 2006 , 31, 255-63	7.9	87
2002	Higher blood pressure predicts lower regional grey matter volume: Consequences on short-term information processing. <i>NeuroImage</i> , 2006 , 31, 754-65	7.9	107
2001	Distributed brain sites for the g-factor of intelligence. <i>NeuroImage</i> , 2006 , 31, 1359-65	7.9	223
2000	Decrease of thalamic gray matter following limb amputation. <i>NeuroImage</i> , 2006 , 31, 951-7	7.9	154
1999	Tract-based spatial statistics: voxelwise analysis of multi-subject diffusion data. <i>NeuroImage</i> , 2006 , 31, 1487-505	7.9	4763
1998	Attention does not modulate neural responses to social stimuli in autism spectrum disorders. <i>NeuroImage</i> , 2006 , 31, 1614-24	7.9	158
1997	An fMRI task battery for assessing hemispheric language dominance in children. <i>NeuroImage</i> , 2006 , 32, 400-10	7.9	61

1996	Progressive grey matter atrophy over the first 2-3 years of illness in first-episode schizophrenia: a tensor-based morphometry study. <i>NeuroImage</i> , 2006 , 32, 511-9	7.9	139
1995	Aging is associated with contrasting changes in local and distant cortical connectivity in the human motor system. <i>NeuroImage</i> , 2006 , 32, 747-60	7.9	75
1994	Voxel-based morphometry in patients with idiopathic generalized epilepsies. <i>NeuroImage</i> , 2006 , 32, 498-502	7.9	139
1993	Modifications of brain tissue volumes in facioscapulohumeral dystrophy. <i>NeuroImage</i> , 2006 , 32, 1237-42	7.9	24
1992	Does healthy aging affect the hemispheric activation balance during paced index-to-thumb opposition task? An fMRI study. <i>NeuroImage</i> , 2006 , 32, 1250-6	7.9	132
1991	White matter volume and concentration reductions in adolescents with history of very preterm birth: a voxel-based morphometry study. <i>NeuroImage</i> , 2006 , 32, 1485-98	7.9	50
1990	To modulate or not to modulate: differing results in uniquely shaped Williams syndrome brains. <i>NeuroImage</i> , 2006 , 32, 1001-7	7.9	58
1989	Distribution of grey matter atrophy in Huntington's disease patients: a combined ROI-based and voxel-based morphometric study. <i>NeuroImage</i> , 2006 , 32, 1562-75	7.9	206
1988	Evaluation of voxel-based methods for the statistical analysis of PIB PET amyloid imaging studies in Alzheimer's disease. <i>NeuroImage</i> , 2006 , 33, 94-102	7.9	105
1987	Four subgroups of Alzheimer's disease based on patterns of atrophy using VBM and a unique pattern for early onset disease. <i>NeuroImage</i> , 2006 , 33, 17-26	7.9	118
1986	Brain atrophy in long-term abstinent alcoholics who demonstrate impairment on a simulated gambling task. <i>NeuroImage</i> , 2006 , 32, 1465-71	7.9	83
1985	Brain-behaviour relationships in people at high genetic risk of schizophrenia. <i>NeuroImage</i> , 2006 , 33, 275-85	7.9	27
1984	Behavioral Inhibition System activity is associated with increased amygdala and hippocampal gray matter volume: A voxel-based morphometry study. <i>NeuroImage</i> , 2006 , 33, 1011-5	7.9	106
1983	Structural correlates of intellectual impairment and autistic features in adolescents. <i>NeuroImage</i> , 2006 , 33, 1136-44	7.9	44
1982	Structural MRI discriminates individuals with Mild Cognitive Impairment from age-matched controls: a combined neuropsychological and voxel based morphometry study. 2006 , 2, 296-302		31
1981	Frontal white matter volume and delta EEG sources negatively correlate in awake subjects with mild cognitive impairment and Alzheimer's disease. 2006 , 117, 1113-29		127
1980	The effect of aging on event-related potentials and behavioral responses: comparison of tonal, phonologic and semantic targets. 2006 , 117, 1974-89		15
1979	The relationship between frontal gray matter volume and cognition varies across the healthy adult lifespan. 2006 , 14, 823-33		136

1978	Temporal and spatial dynamics of brain structure changes during extensive learning. 2006 , 26, 6314-7	584
1977	Structural brain correlates of IQ changes in bipolar disorder. 2006 , 36, 609-18	29
1976	Neural consequences of sleep disordered breathing: the role of intermittent hypoxia. 2006 , 588, 75-88	56
1975	Normal brain tissue volumes after long-term recovery in anorexia and bulimia nervosa. 2006 , 59, 291-3	127
1974	Influence of X chromosome and hormones on human brain development: a magnetic resonance imaging and proton magnetic resonance spectroscopy study of Turner syndrome. 2006 , 59, 273-83	116
1973	A magnetization transfer imaging study in patients with temporal lobe epilepsy and interictal psychosis. 2006 , 59, 560-7	22
1972	Prefrontal cortex and amygdala volume in first minor or major depressive episode after cancer diagnosis. 2006 , 59, 707-12	35
1971	Early life stress and morphometry of the adult anterior cingulate cortex and caudate nuclei. 2006 , 59, 975-82	318
1970	Regional white matter and neuropsychological functioning across the adult lifespan. 2006 , 60, 444-53	127
1969	Neuroendocrine, cognitive and structural imaging characteristics of women on longterm sickleave with job stress-induced depression. 2006 , 60, 867-73	125
1968	Risperidone in first-episode psychosis: a longitudinal, exploratory voxel-based morphometric study. 2006 , 82, 89-94	45
1967	Left superior temporal gyrus activation during sentence perception negatively correlates with auditory hallucination severity in schizophrenia patients. 2006 , 87, 109-15	70
1966	A volumetric MRI and magnetization transfer imaging follow-up study of patients with first-episode schizophrenia. 2006 , 87, 100-8	36
1965	Morphological basis for the spectrum of clinical deficits in spinocerebellar ataxia 17 (SCA17). 2006 , 129, 2341-52	90
1964	[MRI morphometry, an insight into brain function]. 2006 , 13, 674-7	1
1963	MRI volumetric and intensity analysis of the cerebellum in Parkinson's disease patients infused with glial-derived neurotrophic factor (GDNF). 2006 , 198, 450-6	19
1962	Differential effects of age on sequence learning and sensorimotor adaptation. 2006 , 70, 337-46	142
1961	Age-related decline of dopamine synthesis in the living human brain measured by positron emission tomography with L-[beta-11C]DOPA. 2006 , 79, 730-6	70

1960	Effects of estrogens on cognition and brain morphology: involvement of the cerebellum. 2006 , 54, 222-8	35
1959	Effects of gender, age, and body parameters on the ventricular volume of Korean people. 2006 , 395, 155-8	17
1958	The Val66Met polymorphism of the brain-derived neurotrophic factor gene affects age-related brain morphology. 2006 , 397, 25-9	111
1957	Volumetric correlates of memory and executive function in normal elderly, mild cognitive impairment and Alzheimer's disease. 2006 , 406, 60-5	64
1956	Dissociation of grey and white matter reduction in spinocerebellar ataxia type 3 and 6: a voxel-based morphometry study. 2006 , 408, 230-5	63
1955	Pattern of cerebral hypoperfusion in Alzheimer's disease and mild cognitive impairment measured with arterial spin-labeling MR imaging: Initial experience. 2006 , 1290, 108-122	3
1954	Finding the g-factor in brain structure using the method of correlated vectors. 2006 , 34, 561-570	30
1953	Affective components and intensity of pain correlate with structural differences in gray matter in chronic back pain patients. 2006 , 125, 89-97	299
1952	Genetic association and brain morphology studies and the chromosome 8p22 pericentriolar material 1 (PCM1) gene in susceptibility to schizophrenia. 2006 , 63, 844-54	77
1951	Anatomical phenotyping in the brain and skull of a mutant mouse by magnetic resonance imaging and computed tomography. 2006 , 24, 154-62	99
1950	Structural brain abnormalities in juvenile myoclonic epilepsy patients: volumetry and voxel-based morphometry. 2006 , 7, 162-72	49
1949	The Rhesus Macaque as a Model of Human Aging and Age-Related Disease. 2006 , 457-468	4
1948	Losses in gross brain volume and cerebral blood flow account for age-related differences in speed but not in fluid intelligence. 2006 , 20, 549-557	43
1947	THE COMPARISON OF BRAIN STRUCTURE BETWEEN EXERCISED AND NON-EXERCISED STUDENTS. 2006 ,	
1946	ANATOMICAL AND FUNCTIONAL MAPPING OF THE HUMAN BRAIN: JAPANESE BRAIN IMAGE DATABASE PROJECT. 2006 ,	
1945	Grey-matter abnormalities in boys with Tourette syndrome: magnetic resonance imaging study using optimised voxel-based morphometry. 2006 , 188, 484-5	63
1944	Smaller neocortical gray matter and larger sulcal cerebrospinal fluid volumes in neuroleptic-naive women with schizotypal personality disorder. 2006 , 63, 1090-100	33
1943	Magnetic resonance-based morphometry: a window into structural plasticity of the brain. 2006 , 19, 407-11	132

1942	Combining voxel-based morphometry and diffusion tensor imaging to detect age-related brain changes. 2006 , 17, 467-70	48
1941	Increased brainstem volume in panic disorder: a voxel-based morphometric study. 2006 , 17, 361-3	94
1940	Correlations of thalamic reductions with verbal fluency impairment in those born prematurely. 2006 , 17, 463-6	58
1939	3D mapping of mini-mental state examination performance in clinical and preclinical Alzheimer disease. 2006 , 20, 224-31	46
1938	Regional network of magnetic resonance imaging gray matter volume in healthy aging. 2006 , 17, 951-6	64
1937	A voxel-based morphometry study of gray matter in parents of children with autism. 2006 , 17, 1289-92	28
1936	Regional gray matter abnormalities in patients with schizophrenia determined with optimized voxel-based morphometry. 2006 ,	1
1935	Advances in magnetic resonance imaging methods for the evaluation of bipolar disorder. 2006 , 11, 269-80	10
1934	Smoking and structural brain deficits: a volumetric MR investigation. 2006 , 24, 1744-50	268
1933	Striatum gray matter reduction in males with an overactive behavioral activation system. 2006 , 24, 2071-4	101
1932	Thalamic atrophy in childhood absence epilepsy. 2006 , 47, 399-405	88
1931	Voxel-based optimized morphometry (VBM) of gray and white matter in temporal lobe epilepsy (TLE) with and without mesial temporal sclerosis. 2006 , 47, 900-7	134
1930	Voxel-based morphometry reveals excess gray matter concentration in patients with focal cortical dysplasia. 2006 , 47, 908-15	62
1929	Both global gray matter volume and regional gray matter volume negatively correlate with lifetime alcohol intake in non-alcohol-dependent Japanese men: a volumetric analysis and a voxel-based morphometry. 2006 , 30, 1045-50	63
1928	Longitudinal brain magnetic resonance imaging study of the alcohol-preferring rat. Part I: adult brain growth. 2006 , 30, 1234-47	35
1927	In vivo evidence for microglial activation in neurodegenerative dementia. 2006 , 185, 107-14	54
1926	Brain T1 intensity changes after levodopa administration in healthy subjects: a voxel-based morphometry study. 2006 , 62, 546-51	34
1925	Positron emission tomography of monoaminergic vesicular binding in aging and Parkinson disease. 2006 , 26, 1198-212	201

1924	A neuropsychological study of patients with temporal lobe epilepsy and chronic interictal psychosis. 2006 , 71, 117-28	19
1923	Different MRI findings for normal elderly and very mild Alzheimer's disease in a community: implications for clinical practice the Tajiri Project. 2006 , 42, 59-71	14
1922	Lagrangian frame diffeomorphic image registration: Morphometric comparison of human and chimpanzee cortex. 2006 , 10, 397-412	120
1921	Differential aging of the brain: patterns, cognitive correlates and modifiers. 2006 , 30, 730-48	788
1920	Increased thalamus levels of glutamate and glutamine (Glx) in patients with idiopathic generalised epilepsy. 2006 , 77, 489-94	72
1919	Neuroanatomy of Down syndrome in vivo: a model of preclinical Alzheimer's disease. 2006 , 36, 405-15	106
1918	Hippocampal atrophy in temporal lobe epilepsy is correlated with limbic systems atrophy. 2006 , 253, 294-300	38
1917	Topographic correspondence between white matter hyperintensities and brain atrophy. 2006 , 253, 919-27	26
1916	Abstracts of the Sixteenth Meeting of the European Neurological Society. May 27-31, 2006. Lausanne, Switzerland. 2006 , 253 Suppl 2, I13-159	
1915	Voxel-based morphometry demonstrates reduced grey matter density on brain MRI in patients with diabetic retinopathy. 2006 , 49, 2474-80	137
1914	The imaging appearance of Creutzfeldt-Jakob disease caused by the E200K mutation. 2006 , 24, 1121-9	25
1913	Advances in white matter imaging: a review of in vivo magnetic resonance methodologies and their applicability to the study of development and aging. 2006 , 30, 762-74	210
1912	Database of normal human cerebral blood flow measured by SPECT: I. Comparison between I-123-IMP, Tc-99m-HMPAO, and Tc-99m-ECD as referred with O-15 labeled water PET and voxel-based morphometry. 2006 , 20, 131-8	63
1911	Database of normal human cerebral blood flow measured by SPECT: II. Quantification of I-123-IMP studies with ARG method and effects of partial volume correction. 2006 , 20, 139-46	6
1910	Hippocampal volume in chronic posttraumatic stress disorder (PTSD): MRI study using two different evaluation methods. 2006 , 94, 121-6	70
1909	Variability in perisylvian brain anatomy in healthy adults. 2006 , 97, 219-32	46
1908	Individual differences in the functional neuroanatomy of inhibitory control. 2006 , 1105, 130-42	211
1907	Sex differences in the human olfactory system. 2006 , 1116, 103-11	48

1906	Volume of left amygdala subregion predicted temperamental trait of harm avoidance in female young subjects. A voxel-based morphometry study. 2006 , 1125, 85-93	66
1905	Recollection and familiarity in dense hippocampal amnesia: a case study. 2006 , 44, 489-506	94
1904	Neuroanatomical correlates of impaired recognition of emotion in dementia. 2006 , 44, 365-73	111
1903	Changes over time in cognitive and structural profiles of head injury survivors. 2006 , 44, 1995-8	26
1902	Voxel-based diffusion tensor analysis reveals aberrant anterior cingulum integrity in posttraumatic stress disorder due to terrorism. 2006 , 146, 231-42	107
1901	Effects of cerebrovascular risk factors on gray matter volume in adults aged 60-64 years: a voxel-based morphometric study. 2006 , 147, 105-14	27
1900	Regional change in brain morphometry in schizophrenia associated with antipsychotic treatment. 2006 , 148, 121-32	61
1899	Widespread sensorimotor and frontal cortical atrophy in Amyotrophic Lateral Sclerosis. 2006 , 6, 17	125
1898	Regional gray matter volumetric changes in autism associated with social and repetitive behavior symptoms. 2006 , 6, 56	242
1897	Reduced hippocampal activation during episodic encoding in middle-aged individuals at genetic risk of Alzheimer's disease: a cross-sectional study. 2006 , 4, 1	116
1896	Thalamocortical connections of anterior and posterior parietal cortical areas in New World titi monkeys. 2006 , 497, 416-35	18
1895	Method for multimodal analysis of independent source differences in schizophrenia: combining gray matter structural and auditory oddball functional data. 2006 , 27, 47-62	188
1894	Gender effects on cortical thickness and the influence of scaling. 2006 , 27, 314-24	272
1893	Anatomical changes in the emerging adult brain: a voxel-based morphometry study. 2006 , 27, 766-77	58
1892	Cortical atrophy in the cerebellar variant of multiple system atrophy: a voxel-based morphometry study. 2006 , 21, 159-65	61
1891	Leucine-rich repeat kinase 2 (LRRK2) mutations in a Swedish Parkinson cohort and a healthy nonagenarian. 2006 , 21, 1731-4	33
1890	Visualization and quantification of disease progression in multiple system atrophy. 2006 , 21, 1674-81	46
1889	Head of the caudate nucleus is most vulnerable in chorea-acanthocytosis: a voxel-based morphometry study. 2006 , 21, 1728-31	55

1888	Characterization of cortical thickness and ventricular width in normal aging: a morphometric study at 3 Tesla. 2006 , 24, 513-9	27
1887	Elevated mean diffusivity in widespread brain regions in congenital central hypoventilation syndrome. 2006 , 24, 1252-8	34
1886	Abstracts of the 35th Annual Meeting of the Child Neurology Society, October 18-21, 2006, Pittsburgh, Pennsylvania, USA. 2006 , 60 Suppl 10, S112-60	1
1885	Aerobic exercise training increases brain volume in aging humans. 2006 , 61, 1166-70	1295
1884	Characterization of mouse brain and its development using diffusion tensor imaging and computational techniques. 2006 , 2006, 2252-5	17
1883	Morphometric and psychometric comparisons between non-substance-abusing patients with posttraumatic stress disorder and normal controls. 2006 , 75, 122-32	48
1882	Older adults with cognitive complaints show brain atrophy similar to that of amnesic MCI. 2006 , 67, 834-42	423
1881	Selective magnetization transfer ratio decrease in the visual cortex following optic neuritis. 2006 , 129, 1031-9	83
1880	Brain and behaviour in children with 22q11.2 deletion syndrome: a volumetric and voxel-based morphometry MRI study. 2006 , 129, 1218-28	150
1879	Familial risk for Alzheimer's disease alters fMRI activation patterns. 2006 , 129, 1229-39	126
1878	Temporal lobe lesions and semantic impairment: a comparison of herpes simplex virus encephalitis and semantic dementia. 2007 , 130, 1138-47	137
1877	Smaller left anterior cingulate cortex volumes are associated with impaired hypothalamic-pituitary-adrenal axis regulation in healthy elderly men. 2006 , 91, 1591-4	83
1876	Cognitive and magnetic resonance imaging brain morphometric correlates of brain-derived neurotrophic factor Val66Met gene polymorphism in patients with schizophrenia and healthy volunteers. 2006 , 63, 731-40	210
1875	The anatomy of category-specific object naming in neurodegenerative diseases. 2006 , 18, 1644-53	107
1874	Relationship between hippocampal structure and memory function in elderly humans. 2006 , 18, 990-1003	26
1873	Hypoperfusion in frontotemporal dementia and Alzheimer disease by arterial spin labeling MRI. 2006 , 67, 1215-20	224
1872	The structural brain correlates of neurological soft signs in healthy individuals. 2006 , 16, 1225-31	76
1871	Bilateral grey-matter increase in the putamen in primary blepharospasm. 2006 , 77, 1017-20	103

1870	White Matter Changes Compromise Prefrontal Cortex Function in Healthy Elderly Individuals. 2006 , 18, 418-429	170
1869	Somatosensory cortical atrophy after spinal cord injury: a voxel-based morphometry study. 2006 , 66, 762-4	72
1868	Structural changes in patients with primary generalized tonic and clonic seizures. 2006 , 67, 683-6	77
1867	Brain gray matter changes in migraine patients with T2-visible lesions: a 3-T MRI study. 2006 , 37, 1765-70	252
1866	Global and regional volume changes in the brains of patients with phenylketonuria. 2006 , 66, 1074-8	25
1865	Neurological picture. Eight-and-a-half syndrome. 2006 , 77, 463	16
1864	A magnetic resonance imaging study of patients with Parkinson's disease with mild cognitive impairment and dementia using voxel-based morphometry. 2007 , 78, 254-9	202
1863	Lobar asymmetries in subtypes of dyslexic and control subjects. 2006 , 21, 922-31	12
1862	Diffusion tensor imaging and voxel based morphometry study in early progressive supranuclear palsy. 2006 , 77, 457-63	146
1861	Asymmetrical extra-hippocampal grey matter loss related to hippocampal atrophy in patients with medial temporal lobe epilepsy. 2007 , 78, 286-94	91
1860	Structural brain changes in tinnitus. 2006 , 16, 1283-8	277
1859	Patterns of brain atrophy that differentiate corticobasal degeneration syndrome from progressive supranuclear palsy. 2006 , 63, 81-6	280
1858	Regional gray matter atrophy in early primary progressive multiple sclerosis: a voxel-based morphometry study. 2006 , 63, 1175-80	135
1857	Evidence for white matter disruption in traumatic brain injury without macroscopic lesions. 2006 , 77, 850-5	166
1856	Genetic contributions to human brain morphology and intelligence. 2006 , 26, 10235-42	217
1855	Influence of aging on brain gray and white matter changes assessed by conventional, MT, and DT MRI. 2006 , 66, 535-9	101
1854	Dynamically spreading frontal and cingulate deficits mapped in adolescents with schizophrenia. 2006 , 63, 25-34	135
1853	The mellow years?: neural basis of improving emotional stability over age. 2006 , 26, 6422-30	214

1852	The influence of Alzheimer disease family history and apolipoprotein E epsilon4 on mesial temporal lobe activation. 2006 , 26, 6069-76	129
1851	Neural mechanisms of genetic risk for impulsivity and violence in humans. 2006 , 103, 6269-74	668
1850	The effect of apolipoprotein polymorphism on brain in mild cognitive impairment: a voxel-based morphometric study. 2006 , 22, 60-6	12
1849	Cognitive reserve as a resilience factor against depression after moderate/severe head injury. 2006 , 23, 1049-58	25
1848	Neural correlates of epigenesis. 2006 , 103, 16033-8	263
1847	Medial versus lateral frontal lobe contributions to voluntary saccade control as revealed by the study of patients with frontal lobe degeneration. 2006 , 26, 6354-63	79
1846	Neural Mechanisms of Genetic Risk for Impulsivity and Violence in Humans. 2006 , 4, 360-368	6
1845	Age effects in time estimation: relationship to frontal brain morphometry. 2006 , 5, 75-87	18
1844	The contribution of voxel-based morphometry in staging patients with mild cognitive impairment. 2006 , 67, 453-60	156
1843	Hippocampal disconnection contributes to memory dysfunction in individuals at risk for Alzheimer's disease. 2006 , 103, 10041-5	147
1842	Comparison of 18F-FDG PET and optimized voxel-based morphometry for detection of Alzheimer's disease: aging effect on diagnostic performance. 2007 , 48, 1961-70	42
1841	Structural brain alterations following 5 days of intervention: dynamic aspects of neuroplasticity. 2007 , 17, 205-10	262
1840	Shape Analysis of the Corpus Callosum in Alzheimer's Disease. 2007 ,	2
1839	Altered effective connectivity within the language network in primary progressive aphasia. 2007 , 27, 1334-45	114
1838	Structural and functional MRIs disclose cerebellar pathologies in idiopathic downbeat nystagmus. 2007 , 69, 1128-35	59
1837	Role of neuroimaging in Alzheimer's disease, with emphasis on brain perfusion SPECT. 2007 , 48, 1289-300	145
1836	Neuroimaging approaches in mood disorders: technique and clinical implications. 2007 , 19, 265-77	25
1835	Weighted fourier series representation and its application to quantifying the amount of gray matter. 2007 , 26, 566-81	125

1834	Volumetric cortical loss in sporadic and familial amyotrophic lateral sclerosis. 2007 , 8, 343-7	39
1833	Patterns of MRI atrophy in tau positive and ubiquitin positive frontotemporal lobar degeneration. 2007 , 78, 1375-8	43
1832	Structural abnormalities in the cerebellum and sensorimotor circuit in writer's cramp. 2007 , 69, 376-80	141
1831	Age-related changes in transient and oscillatory brain responses to auditory stimulation in healthy adults 19-45 years old. 2007 , 17, 1454-67	45
1830	Different regional brain volume loss in pure and complicated hereditary spastic paraparesis: a voxel-based morphometric study. 2007 , 8, 328-36	10
1829	Fiber connections between the cerebral cortex and the corpus callosum in Alzheimer's disease: a diffusion tensor imaging and voxel-based morphometry study. 2007 , 17, 2276-82	67
1828	Age effects on the neural correlates of episodic retrieval: increased cortical recruitment with matched performance. 2007 , 17, 2491-506	136
1827	Abeta amyloid deposition in the language system and how the brain responds. 2007 , 130, 2055-69	55
1826	Dorsolateral prefrontal cortex dysfunction in presymptomatic Huntington's disease: evidence from event-related fMRI. 2007 , 130, 2845-57	117
1825	Orbitofrontal volume deficit in schizophrenia and thought disorder. 2008 , 131, 180-95	136
1824	Neuroradiological characterization of normal adult ageing. 2007 , 80 Spec No 2, S99-108	75
1823	Brain structural alterations before mild cognitive impairment. 2007 , 68, 1268-73	121
1822	On the tip-of-the-tongue: neural correlates of increased word-finding failures in normal aging. 2007 , 19, 2060-70	111
1821	Brain white matter expansion in human obesity and the recovering effect of dieting. 2007 , 92, 3278-84	106
1820	Cerebellar gray matter volume correlates with duration of cocaine use in cocaine-dependent subjects. 2007 , 32, 2229-37	138
1819	Neues zur Hirnmorphologie bei Kopfschmerzpatienten. 2007 , 34, 500-503	
1818	Chronic auditory hallucinations in schizophrenic patients: MR analysis of the coincidence between functional and morphologic abnormalities. 2007 , 244, 549-56	41
1817	Spatial cognition and the human navigation network in AD and MCI. 2007 , 69, 986-97	161

1816	Brain pathology in pedophilic offenders: evidence of volume reduction in the right amygdala and related diencephalic structures. 2007 , 64, 737-46	122
1815	Multimodal Imaging in Neurology: Special Focus on MRI Applications and MEG. 2007 , 2, 1-75	2
1814	Evidence of white matter changes on diffusion tensor imaging in frontotemporal dementia. 2007 , 64, 246-51	115
1813	Widespread white matter changes in Kennedy disease: a voxel based morphometry study. 2007 , 78, 1209-12	27
1812	Voxel-based analysis of grey matter magnetization transfer ratio maps in early relapsing remitting multiple sclerosis. 2007 , 13, 483-9	38
1811	Whole-brain histogram and voxel-based analyses of diffusion tensor imaging in patients with leukoaraiosis: correlation with motor and cognitive impairment. 2007 , 28, 1313-9	77
1810	Perigenual anterior cingulate morphology covaries with perceived social standing. 2007 , 2, 161-73	168
1809	Direct voxel-based comparison between grey matter hypometabolism and atrophy in Alzheimer's disease. 2008 , 131, 60-71	249
1808	Regional gray matter changes in bipolar disorder: a voxel-based morphometric study. 2007 , 41, 327-36	48
1807	A widespread distinct pattern of cerebral atrophy in patients with alcohol addiction revealed by voxel-based morphometry. 2007 , 78, 610-4	196
1806	Anatomical correlates of sentence comprehension and verbal working memory in neurodegenerative disease. 2007 , 27, 6282-90	84
1805	Altered resting cerebral blood flow in adolescents with in utero cocaine exposure revealed by perfusion functional MRI. 2007 , 120, e1245-54	61
1804	Mild cognitive impairment after lacunar infarction: voxel-based morphometry and neuropsychological assessment. 2007 , 23, 353-61	58
1803	Autonomic nervous system activity and decline as prognostic indicators of cardiovascular and cerebrovascular events: the 'PROOF' Study. Study design and population sample. Associations with sleep-related breathing disorders: the 'SYNAPSE' Study. 2007 , 29, 18-28	96
1802	Increased gray matter density in the parietal cortex of mathematicians: a voxel-based morphometry study. 2007 , 28, 1859-64	86
1801	Adult Age Differences in Dual Information Processes: Implications for the Role of Affective and Deliberative Processes in Older Adults' Decision Making. 2007 , 2, 1-23	276
1800	Grey matter abnormalities in Brazilians with first-episode psychosis. 2007 , 51, s117-22	54
1799	Women with autistic-spectrum disorder: magnetic resonance imaging study of brain anatomy. 2007 , 191, 224-8	61

1798	Structural and functional magnetic resonance imaging in psychiatric disorders. 2007 , 52, 158-66	27
1797	Effect of Alzheimer disease risk on brain function during self-appraisal in healthy middle-aged adults. 2007 , 64, 1163-71	29
1796	Automated diagnosis and prediction of Alzheimer disease using magnetic resonance image. 2007 ,	
1795	Functional plasticity in cognitive aging: review and hypothesis. 2007 , 21, 657-73	229
1794	Prediction of children's reading skills using behavioral, functional, and structural neuroimaging measures. 2007 , 121, 602-13	101
1793	Validation of voxel-based morphometry (VBM) based on MRI. 2007 ,	
1792	Combining functional and structural brain magnetic resonance imaging in Huntington disease. 2007 , 31, 574-80	32
1791	Evidence of anterior temporal atrophy in college-level soccer players. 2007 , 17, 304-6	13
1790	Development and organization of the human brain tissue compartments across the lifespan using diffusion tensor imaging. 2007 , 18, 1735-9	88
1789	Brain development in Chinese children and adolescents: a structural MRI study. 2007 , 18, 875-80	29
1788	Age differences in emotion recognition skills and the visual scanning of emotion faces. 2007 , 62, P53-60	119
1787	Structural brain abnormalities in individuals with an at-risk mental state who later develop psychosis. 2007 , 51, s69-75	105
1786	HIV-associated alterations in normal-appearing white matter: a voxel-wise diffusion tensor imaging study. 2007 , 46, 564-73	63
1785	Morphological substrate of face matching in healthy ageing and mild cognitive impairment: a combined MRI-fMRI study. 2007 , 130, 1745-58	41
1784	Anosognosia in mild cognitive impairment: Relationship to activation of cortical midline structures involved in self-appraisal. 2007 , 13, 450-61	90
1783	fMRI detection of early neural dysfunction in preclinical Huntington's disease. 2007 , 13, 758-69	90
1782	Voxel-based morphometry in unmedicated patients with restless legs syndrome. 2007 , 9, 22-6	52
1781	Distribution of regional gray matter abnormalities in a pediatric population with temporal lobe epilepsy and correlation with neuropsychological performance. 2007 , 11, 558-66	28

1780	Estrogen therapy and brain muscarinic receptor density in healthy females: a SPET study. 2007 , 51, 249-57	41
1779	Striatal grey matter increase in patients suffering from fibromyalgia--a voxel-based morphometry study. 2007 , 132 Suppl 1, S109-S116	212
1778	Structural MRI covariance patterns associated with normal aging and neuropsychological functioning. 2007 , 28, 284-95	100
1777	Ventricular volume and dementia progression in the Cardiovascular Health Study. 2007 , 28, 389-97	76
1776	Age-related changes in brain activation during a delayed item recognition task. 2007 , 28, 784-98	132
1775	Age and gender effects on human brain anatomy: a voxel-based morphometric study in healthy elderly. 2007 , 28, 1075-87	253
1774	Quantifying degeneration of white matter in normal aging using fractal dimension. 2007 , 28, 1543-55	70
1773	Anatomical and functional alterations in semantic dementia: a voxel-based MRI and PET study. 2007 , 28, 1904-13	122
1772	Increased fMRI responses during encoding in mild cognitive impairment. 2007 , 28, 1889-903	247
1771	Age effects on gray matter volume and attentional performance in Zen meditation. 2007 , 28, 1623-7	241
1770	General intelligence and memory span: evidence for a common neuroanatomic framework. 2007 , 24, 867-78	90
1769	The effects of stress and stress hormones on human cognition: Implications for the field of brain and cognition. 2007 , 65, 209-37	862
1768	Decline or improvement? Age-related differences in facial expression recognition. 2007 , 74, 75-84	66
1767	Long-chain omega-3 fatty acid intake is associated positively with corticolimbic gray matter volume in healthy adults. 2007 , 421, 209-12	126
1766	Pediatric OCD structural brain deficits in conflict monitoring circuits: a voxel-based morphometry study. 2007 , 421, 218-23	77
1765	Structure of orbitofrontal cortex and its longitudinal course in cancer-related post-traumatic stress disorder. 2007 , 59, 383-9	62
1764	Diffusion tensor imaging of the corpus callosum: a cross-sectional study across the lifespan. 2007 , 25, 215-21	70
1763	Effects of frequent cannabis use on hippocampal activity during an associative memory task. 2007 , 17, 289-97	128

1762	Multivariate voxel-based morphometry successfully differentiates schizophrenia patients from healthy controls. <i>NeuroImage</i> , 2007 , 34, 235-42	7.9	154
1761	3D pattern of brain atrophy in HIV/AIDS visualized using tensor-based morphometry. <i>NeuroImage</i> , 2007 , 34, 44-60	7.9	147
1760	Quantitative diffusion tensor imaging in amyotrophic lateral sclerosis. <i>NeuroImage</i> , 2007 , 34, 486-99	7.9	168
1759	Longitudinal analysis of gray and white matter loss in patients with systemic lupus erythematosus. <i>NeuroImage</i> , 2007 , 34, 694-701	7.9	99
1758	Hippocampal volume is as variable in young as in older adults: implications for the notion of hippocampal atrophy in humans. <i>NeuroImage</i> , 2007 , 34, 479-85	7.9	124
1757	Age-related water diffusion changes in human brain: a voxel-based approach. <i>NeuroImage</i> , 2007 , 34, 1588-99	7.9	73
1756	Integrating VBM into the General Linear Model with voxelwise anatomical covariates. <i>NeuroImage</i> , 2007 , 34, 500-8	7.9	217
1755	Asymmetry in dopamine D(2/3) receptors of caudate nucleus is lost with age. <i>NeuroImage</i> , 2007 , 34, 870-89	7.9	59
1754	Diffusion tensor imaging-based tissue segmentation: validation and application to the developing child and adolescent brain. <i>NeuroImage</i> , 2007 , 34, 1497-505	7.9	54
1753	Prospective reports of chronic life stress predict decreased grey matter volume in the hippocampus. <i>NeuroImage</i> , 2007 , 35, 795-803	7.9	224
1752	Social cognition and frontal lobe pathology in schizophrenia: a voxel-based morphometric study. <i>NeuroImage</i> , 2007 , 35, 292-8	7.9	86
1751	What is the significance of interictal water diffusion changes in frontal lobe epilepsies?. <i>NeuroImage</i> , 2007 , 35, 28-37	7.9	38
1750	Impact of ventricular enlargement on the measurement of metabolic activity in spatially normalized PET. <i>NeuroImage</i> , 2007 , 35, 748-58	7.9	17
1749	Abnormal brain connectivity in first-episode psychosis: a diffusion MRI tractography study of the corpus callosum. <i>NeuroImage</i> , 2007 , 35, 458-66	7.9	101
1748	Fiber density asymmetry of the arcuate fasciculus in relation to functional hemispheric language lateralization in both right- and left-handed healthy subjects: a combined fMRI and DTI study. <i>NeuroImage</i> , 2007 , 35, 1064-76	7.9	238
1747	Grey matter correlates of early psychotic symptoms in adolescents at enhanced risk of psychosis: a voxel-based study. <i>NeuroImage</i> , 2007 , 35, 1181-91	7.9	42
1746	Identifying patients with obsessive-compulsive disorder using whole-brain anatomy. <i>NeuroImage</i> , 2007 , 35, 1028-37	7.9	74
1745	A structural MRI study in monozygotic twins concordant or discordant for attention/hyperactivity problems: evidence for genetic and environmental heterogeneity in the developing brain. <i>NeuroImage</i> , 2007 , 35, 1004-20	7.9	46

1744	Brain activation mediates the association between structural abnormality and symptom severity in schizophrenia. <i>NeuroImage</i> , 2007 , 36, 188-93	7.9	26
1743	Tractography-guided statistics (TGIS) in diffusion tensor imaging for the detection of gender difference of fiber integrity in the midsagittal and parasagittal corpora callosa. <i>NeuroImage</i> , 2007 , 36, 606-16	7.9	51
1742	Evidence for cervical cord tissue disorganisation with aging by diffusion tensor MRI. <i>NeuroImage</i> , 2007 , 36, 728-35	7.9	47
1741	Fractal dimension and white matter changes in multiple sclerosis. <i>NeuroImage</i> , 2007 , 36, 543-9	7.9	73
1740	Sex differences in regional gray matter in healthy individuals aged 44-48 years: a voxel-based morphometric study. <i>NeuroImage</i> , 2007 , 36, 691-9	7.9	180
1739	3D pattern of brain abnormalities in Williams syndrome visualized using tensor-based morphometry. <i>NeuroImage</i> , 2007 , 36, 1096-109	7.9	117
1738	A structural neural deficit in adolescents with conduct disorder and its association with lack of empathy. <i>NeuroImage</i> , 2007 , 37, 335-42	7.9	232
1737	Detecting hippocampal hypometabolism in Mild Cognitive Impairment using automatic voxel-based approaches. <i>NeuroImage</i> , 2007 , 37, 18-25	7.9	87
1736	Localized grey matter damage in early primary progressive multiple sclerosis contributes to disability. <i>NeuroImage</i> , 2007 , 37, 253-61	7.9	92
1735	Investigation of MCPH1 G37995C and ASPM A44871G polymorphisms and brain size in a healthy cohort. <i>NeuroImage</i> , 2007 , 37, 394-400	7.9	22
1734	Progressive atrophy in the optic pathway and visual cortex of early blind Chinese adults: A voxel-based morphometry magnetic resonance imaging study. <i>NeuroImage</i> , 2007 , 37, 212-20	7.9	107
1733	Distinct mechanisms of altered brain activation in patients with multiple sclerosis. <i>NeuroImage</i> , 2007 , 37, 937-46	7.9	57
1732	Aging, grey matter, and blood flow in the anterior cingulate cortex. <i>NeuroImage</i> , 2007 , 37, 1346-53	7.9	42
1731	Regional grey matter abnormalities in juvenile myoclonic epilepsy: a voxel-based morphometry study. <i>NeuroImage</i> , 2007 , 37, 1132-7	7.9	110
1730	Brain structural correlates of depressive comorbidity in obsessive-compulsive disorder. <i>NeuroImage</i> , 2007 , 38, 413-21	7.9	50
1729	Structural and functional imaging correlates for age-related changes in the brain. 2007 , 37, 69-87		24
1728	Voxel-based morphometry and voxel-based relaxometry in multiple system atrophy-a comparison between clinical subtypes and correlations with clinical parameters. <i>NeuroImage</i> , 2007 , 36, 1086-95	7.9	94
1727	Voxel-based morphometry and its application to movement disorders. 2007 , 13 Suppl 3, S406-16		26

1726	Left inferior parietal representations for skilled hand-object interactions: evidence from stroke and corticobasal degeneration. 2007 , 43, 411-23	178
1725	Brain morphometry and cognitive performance in detoxified alcohol-dependents with preserved psychosocial functioning. 2007 , 32, 429-38	316
1724	Functional and morphometric brain dissociation between dyslexia and reading ability. 2007 , 104, 4234-9	300
1723	Disgust and happiness recognition correlate with anteroventral insula and amygdala volume respectively in preclinical Huntington's disease. 2007 , 19, 1206-17	149
1722	Texture anisotropy of the brain's white matter as revealed by anatomical MRI. 2007 , 26, 678-85	24
1721	Gray matter atrophy in Parkinson disease with dementia and dementia with Lewy bodies. 2007 , 69, 747-54	135
1720	Diffusion tensor imaging and voxel based morphometry study in amyotrophic lateral sclerosis: relationships with motor disability. 2007 , 78, 889-92	114
1719	Quantitative diffusion tensor tractography of association and projection fibers in normally developing children and adolescents. 2007 , 17, 2760-8	240
1718	Anatomically related grey and white matter abnormalities in adolescent-onset schizophrenia. 2007 , 130, 2375-86	605
1717	Sex differences in cortical thickness mapped in 176 healthy individuals between 7 and 87 years of age. 2007 , 17, 1550-60	527
1716	The Science of Sex Differences in Science and Mathematics. 2007 , 8, 1-51	629
1715	Cerebral grey, white matter and csf in never-medicated, first-episode schizophrenia. 2007 , 89, 12-21	161
1714	Sensory dysfunction is correlated to cerebellar volume reduction in early schizophrenia. 2007 , 91, 266-9	26
1713	Left posterior hippocampal density reduction using VBM and stereological MRI procedures in schizophrenia. 2007 , 96, 62-71	33
1712	Gray matter volume differences and the effects of smoking on gray matter in schizophrenia. 2007 , 97, 242-9	51
1711	Determination of hemispheric emotional valence in individual subjects: a new approach with research and therapeutic implications. 2007 , 3, 13	22
1710	Hand Use and the Evolution of Posterior Parietal Cortex in Primates. 2007 , 407-415	1
1709	Voxel-based study of structural changes in first-episode patients with bipolar disorder. 2007 , 61, 776-81	163

1708	Intrapair differences in hippocampal volume in monozygotic twins discordant for the risk for anxiety and depression. 2007 , 61, 1062-71	58
1707	Regional gray matter volume abnormalities in the at risk mental state. 2007 , 61, 1148-56	258
1706	Genetic variation in serotonin transporter alters resting brain function in healthy individuals. 2007 , 62, 600-6	121
1705	Evolving knowledge of sex differences in brain structure, function, and chemistry. 2007 , 62, 847-55	688
1704	Hippocampal atrophy and disconnection in incipient and mild Alzheimer's disease. 2007 , 163, 741-53	59
1703	A fast diffeomorphic image registration algorithm. <i>NeuroImage</i> , 2007 , 38, 95-113	7.9 5328
1702	Homosexual women have less grey matter in perirhinal cortex than heterosexual women. 2007 , 2, e762	47
1701	A comparative volumetric analysis of the amygdaloid complex and basolateral division in the human and ape brain. 2007 , 134, 392-403	55
1700	Human brain structural change related to acute single exposure to sarin. 2007 , 61, 37-46	104
1699	Brain maturation in adolescence: concurrent changes in neuroanatomy and neurophysiology. 2007 , 28, 228-37	243
1698	Voxel-based morphometry study of brain volumetry and diffusivity in amyotrophic lateral sclerosis patients with mild disability. 2007 , 28, 1430-8	135
1697	Extrahippocampal gray matter atrophy and memory impairment in patients with medial temporal lobe epilepsy. 2007 , 28, 1376-90	52
1696	Spatial memory and hippocampal volume in humans with unilateral vestibular deafferentation. 2007 , 17, 471-85	115
1695	Smaller regional volumes of brain gray and white matter demonstrated in breast cancer survivors exposed to adjuvant chemotherapy. 2007 , 109, 146-56	248
1694	Striatal gray matter loss in Huntington's disease is leftward biased. 2007 , 22, 1169-73	49
1693	Morphometric changes of sensorimotor structures in focal dystonia. 2007 , 22, 1117-23	133
1692	Voxel based morphometry reveals specific gray matter changes in primary dystonia. 2007 , 22, 1538-42	102
1691	Variation of selective gray and white matter atrophy in Huntington's disease. 2007 , 22, 1783-9	39

1690	Brain mapping as a tool to study neurodegeneration. 2007 , 4, 387-400	45
1689	Voxel-based morphometry in the detection of dysplasia and neoplasia in childhood epilepsy: combined grey/white matter analysis augments detection. 2007 , 77, 93-101	31
1688	VBM lesion detection depends on the normalization template: a study using simulated atrophy. 2007 , 25, 1385-96	52
1687	Retinotopic maps and foveal suppression in the visual cortex of amblyopic adults. 2007 , 583, 159-73	34
1686	Development of the declarative memory system in the human brain. 2007 , 10, 1198-205	240
1685	Cerebrovascular effects of hemodialysis in chronic kidney disease. 2007 , 27, 1861-9	126
1684	Brain morphological changes associated with exposure to HSV1 in first-episode schizophrenia. 2007 , 12, 105-13, 1	52
1683	Pituitary adenylate cyclase-activating polypeptide is associated with schizophrenia. 2007 , 12, 1026-32	119
1682	Gray matter volume abnormalities and externalizing symptoms in subjects at high risk for alcohol dependence. 2007 , 12, 122-32	129
1681	Effects of sex and age on regional prefrontal brain volume in two human cohorts. 2007 , 25, 307-18	43
1680	Neural correlates of movement preparation in healthy ageing. 2008 , 27, 254-60	50
1679	Voxel-based morphometry reveals gray matter abnormalities in migraine. 2008 , 48, 109-17	239
1678	Voxel-based T2 relaxation rate measurements in temporal lobe epilepsy (TLE) with and without mesial temporal sclerosis. 2007 , 48, 220-8	53
1677	Evaluation of quantitative magnetic resonance imaging contrasts in MRI-negative refractory focal epilepsy. 2007 , 48, 229-37	60
1676	Thalami and corona radiata in juvenile NCL (CLN3): a voxel-based morphometric study. 2007 , 14, 447-50	17
1675	Cerebral atrophy in Parkinson's disease patients with visual hallucinations. 2007 , 14, 750-6	137
1674	White matter abnormalities in drug-naïve patients with obsessive-compulsive disorder: a diffusion tensor study before and after citalopram treatment. 2007 , 116, 211-9	131
1673	Decreased white-matter density in a left-sided fronto-temporal network in children with developmental language disorder: evidence for anatomical anomalies in a motor-language network. 2007 , 102, 91-8	44

1672	Brain morphology alterations in the basal ganglia and the hypothalamus following prenatal exposure to antiepileptic drugs. 2007 , 11, 297-301	52
1671	Volumetric reduction of the corpus callosum in Alzheimer's disease in vivo as assessed with voxel-based morphometry. 2007 , 154, 59-68	61
1670	Dopaminergic function in depressed patients with affective flattening or with impulsivity: [18F]fluoro-L-dopa positron emission tomography study with voxel-based analysis. 2007 , 154, 115-24	29
1669	Progressive changes of white matter integrity in schizophrenia revealed by diffusion tensor imaging. 2007 , 154, 133-45	121
1668	The associations among hippocampal volume, cortisol reactivity, and memory performance in healthy young men. 2007 , 155, 1-10	104
1667	Fronto-temporal-lobe atrophy in early-stage Alzheimer's disease identified using an improved detection methodology. 2007 , 155, 11-9	30
1666	White matter abnormalities associated with auditory hallucinations in schizophrenia: a combined study of voxel-based analyses of diffusion tensor imaging and structural magnetic resonance imaging. 2007 , 156, 93-104	129
1665	Increased cerebellar vermis white-matter volume in men with schizophrenia. 2007 , 41, 645-51	30
1664	Structural brain abnormalities in the frontostriatal system and cerebellum in pedophilia. 2007 , 41, 753-62	125
1663	Tracking Alzheimer's disease. 2007 , 1097, 183-214	172
1662	Magnetic resonance imaging of Alzheimer's disease. 2007 , 17, 347-62	47
1661	[Primary central nervous system degeneration in elderly patients. Characteristic imaging features]. 2007 , 47, 1117-25	
1660	Hippocampal damage and memory impairments as possible early brain complications of type 2 diabetes. 2007 , 50, 711-9	351
1659	Automated measurement of brain and white matter lesion volume in type 2 diabetes mellitus. 2007 , 50, 1509-16	114
1658	Brain regional alpha-[11C]methyl-L-tryptophan trapping, used as an index of 5-HT synthesis, in healthy adults: absence of an age effect. 2007 , 34, 1254-64	15
1657	Partial volume effect-corrected FDG PET and grey matter volume loss in patients with mild Alzheimer's disease. 2007 , 34, 1658-69	73
1656	Multivariate Statistical Differences of MRI Samples of the Human Brain. 2007 , 29, 95-106	20
1655	Voxel-based morphometry indicates relative preservation of the limbic prefrontal cortex in early Huntington disease. 2007 , 114, 367-72	40

1654	Structural brain abnormalities in early onset first-episode psychosis. 2007 , 114, 489-98	35
1653	Insight and regional brain volumes in schizophrenia. 2007 , 257, 58-62	57
1652	Reduced planum temporale volume and delusional behaviour in patients with schizophrenia. 2007 , 257, 318-24	28
1651	Progression of brain atrophy in multiple system atrophy. A longitudinal VBM study. 2007 , 254, 191-6	100
1650	Episodic memory impairment in patients with Alzheimer's disease is correlated with entorhinal cortex atrophy. A voxel-based morphometry study. 2007 , 254, 774-81	97
1649	Sporadic adult onset ataxia of unknown etiology : a clinical, electrophysiological and imaging study. 2007 , 254, 1384-9	49
1648	Longitudinal CSF isoprostane and MRI atrophy in the progression to AD. 2007 , 254, 1666-75	67
1647	The Relationship Between Gray Matter Morphometry and Neuropsychological Performance in a Large Sample of Cognitively Healthy Adults. 2007 , 1, 3-10	44
1646	Multivariate analysis of diffusion tensor imaging data improves the detection of microstructural damage in young professional boxers. 2008 , 26, 1398-405	19
1645	An easy measure of compactness for 2D and 3D shapes. 2008 , 41, 543-554	83
1644	Alterations of the visual pathways in congenital blindness. 2008 , 187, 41-9	157
1643	An automated procedure for the assessment of white matter hyperintensities by multispectral (T1, T2, PD) MRI and an evaluation of its between-centre reproducibility based on two large community databases. 2008 , 50, 31-42	76
1642	Human subthalamic nucleus: evaluation with high-resolution MR imaging at 3.0 T. 2008 , 50, 675-81	42
1641	Novel MRI techniques in the assessment of dementia. 2008 , 35 Suppl 1, S58-69	61
1640	Regional analysis of FDG and PIB-PET images in normal aging, mild cognitive impairment, and Alzheimer's disease. 2008 , 35, 2169-81	217
1639	Variations in brain volume and regional morphology associated with chronic pain. 2008 , 10, 467-74	34
1638	Polymorphism of DCDC2 Reveals Differences in Cortical Morphology of Healthy Individuals-A Preliminary Voxel Based Morphometry Study. 2008 , 2, 21-26	47
1637	Occipital-temporal Reduction and Sustained Visual Attention Deficit in Prenatal Alcohol Exposed Adults. 2008 , 2, 39-48	34

1636	Gender Effects on HIV-Associated White Matter Alterations: A Voxel-Wise DTI Study. 2008 , 2, 177-191	5
1635	Customization of normal data base specific for 3-tesla MRI is mandatory in VSRAD analysis. 2008 , 1, 196-200	4
1634	Aging. 2008 , 29 Suppl 3, 296-300	30
1633	No change to grey and white matter volumes in bipolar I disorder patients. 2008 , 258, 345-9	49
1632	Cortical thickness abnormality in juvenile myoclonic epilepsy. 2008 , 255, 561-6	49
1631	Brain structural damage in spinocerebellar ataxia type 1 : a VBM study. 2008 , 255, 1153-8	24
1630	JNCL patients show marked brain volume alterations on longitudinal MRI in adolescence. 2008 , 255, 1226-30	17
1629	Grey and white matter loss along cerebral midline structures in myotonic dystrophy type 2. 2008 , 255, 1904-9	24
1628	Regional grey matter volumetric changes in forensic schizophrenia patients: an MRI study comparing the brain structure of patients who have seriously and violently offended with that of patients who have not. 2008 , 8 Suppl 1, S6	28
1627	Age-related non-Gaussian diffusion patterns in the prefrontal brain. 2008 , 28, 1345-50	190
1626	Morphometric changes of gray matter in Parkinson's disease with depression: a voxel-based morphometry study. 2008 , 23, 42-6	142
1625	Brain structural damage in spinocerebellar ataxia type 2. A voxel-based morphometry study. 2008 , 23, 899-903	35
1624	Age differences in dual information-processing modes: implications for cancer decision making. 2008 , 113, 3556-67	31
1623	Neural correlates of verbal episodic memory in patients with MCI and Alzheimer's disease--a VBM study. 2008 , 23, 1114-8	66
1622	Relationship among neuroimaging indices of cerebral health during normal aging. 2008 , 29, 36-45	84
1621	Levels of error processing in Huntington's disease: a combined study using event-related potentials and voxel-based morphometry. 2008 , 29, 121-30	47
1620	Variability of the paracingulate sulcus and morphometry of the medial frontal cortex: associations with cortical thickness, surface area, volume, and sulcal depth. 2008 , 29, 222-36	91
1619	Decrease in glucose metabolism in frontal cortex associated with deterioration of microstructure of corpus callosum measured by diffusion tensor imaging in healthy elderly. 2008 , 29, 375-84	16

1618	Surface-based morphometry of the anterior cingulate cortex in first episode schizophrenia. 2008 , 29, 478-89	94
1617	Developmental dyslexia: gray matter abnormalities in the occipitotemporal cortex. 2008 , 29, 613-25	130
1616	A forward application of age associated gray and white matter networks. 2008 , 29, 1139-46	23
1615	The mirror-neuron system and handedness: a "right" world?. 2008 , 29, 1243-54	19
1614	Validation of a fully automated hippocampal segmentation method on patients with dementia. 2008 , 29, 1442-9	31
1613	Recollection and familiarity in hippocampal amnesia. 2008 , 18, 469-80	53
1612	Hippocampal structural changes across the menstrual cycle. 2008 , 18, 985-8	165
1611	Neuroanatomy of fragile X syndrome is associated with aberrant behavior and the fragile X mental retardation protein (FMRP). 2008 , 63, 40-51	155
1610	Volume determination of amygdala and hippocampus at 1.5 and 3.0T MRI in temporal lobe epilepsy. 2008 , 82, 29-37	37
1609	Region-specific changes of cerebral white matter during normal aging: a diffusion-tensor analysis. 2008 , 47, 129-38	64
1608	Thalamic diffusion and volumetry in temporal lobe epilepsy with and without mesial temporal sclerosis. 2008 , 80, 184-93	39
1607	Integrating evidence from neuroimaging and neuropsychological studies of obsessive-compulsive disorder: the orbitofronto-striatal model revisited. 2008 , 32, 525-49	875
1606	A meta-analytic review of emotion recognition and aging: implications for neuropsychological models of aging. 2008 , 32, 863-81	549
1605	Structural correlates of implicit learning deficits in subjects with developmental dyslexia. 2008 , 1145, 212-21	34
1604	Abuse of amphetamines and structural abnormalities in the brain. 2008 , 1141, 195-220	201
1603	HLA-DR2 and white matter lesion distribution in MS. 2008 , 18, 328-31	5
1602	Reduced gray matter brain volumes are associated with variants of the serotonin transporter gene in major depression. 2008 , 13, 1093-101	131
1601	Relationship between body mass index and gray matter volume in 1,428 healthy individuals. 2008 , 16, 119-24	258

1600	Neuroanatomical correlates of aging, cardiopulmonary fitness level, and education. 2008 , 45, 825-38	97
1599	Chronic pain is associated with brain volume loss in older adults: preliminary evidence. 2008 , 9, 240-8	113
1598	Voxel-based morphometry of temporal lobe epilepsy: an introduction and review of the literature. 2008 , 49, 741-57	325
1597	Concomitant diagnosis of sarcoidosis and incontinentia pigmenti in an epileptic patient. 2008 , 15, e36-7	3
1596	Altered frontostriatal coupling in pre-manifest Huntington's disease: effects of increasing cognitive load. 2008 , 15, 1180-90	63
1595	Regional grey matter changes in patients with migraine: a voxel-based morphometry study. 2008 , 28, 598-604	246
1594	Anterior cingulate cortex volume reduction in patients with panic disorder. 2008 , 62, 322-30	85
1593	Covariance-based subdivision of the human striatum using T1-weighted MRI. 2008 , 27, 1534-46	20
1592	Volumetric neuroimaging investigations in mood disorders: bipolar disorder versus major depressive disorder. 2008 , 10, 1-37	222
1591	Generalized tensor-based morphometry of HIV/AIDS using multivariate statistics on deformation tensors. 2008 , 27, 129-41	130
1590	Low birthweight and preterm birth in young people with special educational needs: a magnetic resonance imaging analysis. 2008 , 6, 1	29
1589	3D mapping of language networks in clinical and pre-clinical Alzheimer's disease. 2008 , 104, 33-41	52
1588	Gray and white matter imbalance--typical structural abnormality underlying classic autism?. 2008 , 30, 396-401	84
1587	Dedifferentiation in the visual cortex: an fMRI investigation of individual differences in older adults. 2008 , 1244, 121-31	83
1586	Structural brain imaging in diabetes: a methodological perspective. 2008 , 585, 208-18	38
1585	Brain structure and symptom dimension relationships in obsessive-compulsive disorder: a voxel-based morphometry study. 2008 , 109, 117-26	89
1584	No structural cerebral differences between children with a history of bacterial meningitis and healthy siblings. 2008 , 97, 1390-6	6
1583	Brain volume reductions within multiple cognitive systems in male preterm children at age twelve. 2008 , 152, 513-20, 520.e1	116

1582	Cerebral white matter deficiencies in pedophilic men. 2008 , 42, 167-83	135
1581	Light to moderate alcohol use is associated with increased cortical gray matter in middle-aged men: a voxel-based morphometric study. 2008 , 163, 61-9	23
1580	Gray matter changes in right superior temporal gyrus in criminal psychopaths. Evidence from voxel-based morphometry. 2008 , 163, 213-22	101
1579	Cross-validation of brain segmentation by SPM5 and SIENAX. 2008 , 164, 172-7	16
1578	Inferior frontal white matter volume and suicidality in schizophrenia. 2008 , 164, 206-14	66
1577	Absence of gender effect on children with attention-deficit/hyperactivity disorder as assessed by optimized voxel-based morphometry. 2008 , 164, 245-53	26
1576	Pattern of brain atrophy in elderly patients with depression revealed by voxel-based morphometry. 2008 , 164, 237-44	80
1575	Reduced caudate gray matter volume in women with major depressive disorder. 2008 , 164, 114-22	121
1574	Neuroanatomical correlates of neurological soft signs in antipsychotic-naive schizophrenia. 2008 , 164, 215-22	59
1573	Atrophy and decreased activation of fronto-parietal attention areas contribute to higher visual dysfunction in posterior cortical atrophy. 2008 , 164, 178-84	13
1572	Structural brain abnormalities in borderline personality disorder: a voxel-based morphometry study. 2008 , 164, 223-36	129
1571	The anatomical bases of semantic retrieval deficits in early Alzheimer's disease. 2008 , 46, 497-510	56
1570	Mapping progressive brain structural changes in early Alzheimer's disease and mild cognitive impairment. 2008 , 46, 1597-612	90
1569	Three-dimensional surface mapping of hippocampal atrophy progression from MCI to AD and over normal aging as assessed using voxel-based morphometry. 2008 , 46, 1721-31	100
1568	Perception of biological motion in autism spectrum disorders. 2008 , 46, 1480-94	159
1567	Defective emotion recognition in early HD is neuropsychologically and anatomically generic. 2008 , 46, 2152-60	84
1566	Parietal contributions to recollection: electrophysiological evidence from aging and patients with parietal lesions. 2008 , 46, 1800-12	95
1565	A close relationship between verbal memory and SN/VTA integrity in young and older adults. 2008 , 46, 3042-52	20

1564	The contribution of white and gray matter differences to developmental dyslexia: insights from DTI and VBM at 3.0 T. 2008 , 46, 3170-8	162
1563	Relationships between hippocampal atrophy, white matter disruption, and gray matter hypometabolism in Alzheimer's disease. 2008 , 28, 6174-81	288
1562	Voxel-based morphometry in schizophrenia: implications for neurodevelopmental connectivity models, cognition and affect. 2008 , 8, 1049-65	55
1561	Absence of regional brain volume change in schizophrenia associated with short-term atypical antipsychotic treatment. 2008 , 98, 29-39	27
1560	Neurocognitive deficits and prefrontal cortical atrophy in patients with schizophrenia. 2008 , 101, 142-51	66
1559	Cannabis use and brain structural alterations in first episode schizophrenia--a region of interest, voxel based morphometric study. 2008 , 99, 1-6	84
1558	A large scale (N=400) investigation of gray matter differences in schizophrenia using optimized voxel-based morphometry. 2008 , 101, 95-105	99
1557	Neurological basis of poor insight in psychosis: a voxel-based MRI study. 2008 , 103, 40-51	79
1556	Structural brain alterations at different stages of schizophrenia: a voxel-based morphometric study. 2008 , 104, 44-60	121
1555	Theory of mind and frontal lobe pathology in schizophrenia: a voxel-based morphometry study. 2008 , 105, 165-74	66
1554	Reductions in frontal, temporal and parietal volume associated with the onset of psychosis. 2008 , 106, 108-14	186
1553	STRUCTURAL MRI PREDICTORS OF RESPONSIVENESS TO COGNITIVE BEHAVIOURAL THERAPY IN PSYCHOSIS. 2008 , 102, 73	
1552	S100B PROTEIN AND BRAIN MORPHOLOGY IN SCHIZOPHRENIA. 2008 , 102, 73	
1551	CORRELATIONS BETWEEN MRI CAUDATE PARAMETERS AND MEMORY CHARACTERISTICS (SEMANTIC ASPECT) IN SCHIZOPHRENIA PATIENTS FAMILIES. 2008 , 102, 73-74	
1550	A diffusion tensor imaging study of white matter in early-onset schizophrenia. 2008 , 63, 519-23	131
1549	Is gray matter volume an intermediate phenotype for schizophrenia? A voxel-based morphometry study of patients with schizophrenia and their healthy siblings. 2008 , 63, 465-74	169
1548	Cingulate-precuneus interactions: a new locus of dysfunction in adult attention-deficit/hyperactivity disorder. 2008 , 63, 332-7	671
1547	Anomalous cerebral asymmetry in patients with schizophrenia demonstrated by voxel-based morphometry. 2008 , 63, 793-800	60

1546	Limbic and frontal cortical degeneration is associated with psychiatric symptoms in PINK1 mutation carriers. 2008 , 64, 241-7	39
1545	Genetic variation in the DAOA (G72) gene modulates hippocampal function in subjects at high risk of schizophrenia. 2008 , 64, 428-33	46
1544	Meta-analysis of gray matter anomalies in schizophrenia: application of anatomic likelihood estimation and network analysis. 2008 , 64, 774-81	494
1543	Influence of vascular endothelial growth factor variation on human hippocampus morphology. 2008 , 64, 901-3	46
1542	Relationship between body mass index and brain volume in healthy adults. 2008 , 118, 1582-93	159
1541	P2-049: Reduced functional hippocampal connectivity associates with gray matter volume loss in mild cognitive impairment and Alzheimer's disease subjects. 2008 , 4, T380-T381	
1540	MR image postprocessing for multiple sclerosis research. 2008 , 18, 637-49, x	2
1539	Cortical atrophy and white matter hyperintensities in HIV: the Hawaii Aging with HIV Cohort Study. 2008 , 17, 212-7	49
1538	Second-language learning and changes in the brain. 2008 , 21, 509-521	104
1537	Gray matter differences between pediatric obsessive-compulsive disorder patients and high-risk siblings: a preliminary voxel-based morphometry study. 2008 , 435, 45-50	55
1536	Default-mode network activity distinguishes amnesic type mild cognitive impairment from healthy aging: a combined structural and resting-state functional MRI study. 2008 , 438, 111-5	191
1535	Frontal lobe structure and executive function in migraine patients. 2008 , 440, 92-6	107
1534	Gamma ventral capsulotomy for treatment of resistant obsessive-compulsive disorder: a structural MRI pilot prospective study. 2008 , 447, 138-42	32
1533	Cognitive abilities independent of IQ correlate with regional brain structure. 2008 , 36, 18-28	32
1532	Aging in the CNS: comparison of gray/white matter volume and diffusion tensor data. 2008 , 29, 102-16	188
1531	Aging, gender, and the elderly adult brain: an examination of analytical strategies. 2008 , 29, 290-302	82
1530	Levodopa increases memory encoding and dopamine release in the striatum in the elderly. 2008 , 29, 267-79	60
1529	Brain tissue volumes in the general elderly population. The Rotterdam Scan Study. 2008 , 29, 882-90	152

1528	Age-dependent changes in the neural correlates of force modulation: an fMRI study. 2008 , 29, 1434-46	162
1527	Functional connectivity of the hippocampus in elderly with mild memory dysfunction carrying the APOE epsilon4 allele. 2008 , 29, 1644-53	19
1526	The brain in chronic CRPS pain: abnormal gray-white matter interactions in emotional and autonomic regions. 2008 , 60, 570-81	372
1525	Chronic pain may change the structure of the brain. 2008 , 137, 7-15	442
1524	Increased gray matter density in young women with chronic vulvar pain. 2008 , 140, 411-419	146
1523	Voxel-wise analysis of diffusion tensor MRI improves the confidence of diagnosis of corticobasal degeneration non-invasively. 2008 , 14, 436-9	7
1522	Grey matter atrophy in early versus late dementia in Parkinson's disease. 2008 , 14, 620-5	16
1521	Schizophrenia with auditory hallucinations: a voxel-based morphometry study. 2008 , 32, 72-80	79
1520	Investigating the neuropsychological and neuroanatomical changes that occur over the first 2-3 years of illness in patients with first-episode schizophrenia. 2008 , 32, 531-8	32
1519	Alteration of fractional anisotropy and apparent diffusion coefficient in obsessive-compulsive disorder: a diffusion tensor imaging study. 2008 , 32, 1221-6	65
1518	MR and genetics in schizophrenia: focus on auditory hallucinations. 2008 , 67, 434-9	14
1517	Clock drawing performance and brain morphology in mild cognitive impairment and Alzheimer's disease. 2008 , 67, 88-93	47
1516	Cortical grey matter volume and sensorimotor gating in schizophrenia. 2008 , 44, 1206-14	56
1515	Reduced resting-state brain activity in the "default network" in normal aging. 2008 , 18, 1856-64	885
1514	Changes in white matter microstructure during adolescence. <i>NeuroImage</i> , 2008 , 39, 52-61	7.9 238
1513	Optimized voxel-based morphometry in children with developmental dyscalculia. <i>NeuroImage</i> , 2008 , 39, 417-22	7.9 204
1512	Gender differences and age-related white matter changes of the human brain: a diffusion tensor imaging study. <i>NeuroImage</i> , 2008 , 39, 566-77	7.9 242
1511	Composite voxel-based analysis of volume and T2 relaxometry in temporal lobe epilepsy. <i>NeuroImage</i> , 2008 , 39, 1151-61	7.9 39

1510	Neuroimaging of individuals with Down's syndrome at-risk for dementia: evidence for possible compensatory events. <i>NeuroImage</i> , 2008 , 39, 1324-32	7.9	58
1509	Brain anatomy differences in childhood stuttering. <i>NeuroImage</i> , 2008 , 39, 1333-44	7.9	210
1508	Structural consequences of diffuse traumatic brain injury: a large deformation tensor-based morphometry study. <i>NeuroImage</i> , 2008 , 39, 1014-26	7.9	119
1507	Structural correlates of psychopathological symptom dimensions in schizophrenia: a voxel-based morphometric study. <i>NeuroImage</i> , 2008 , 39, 1600-12	7.9	140
1506	The topographical distribution of tissue injury in benign MS: a 3T multiparametric MRI study. <i>NeuroImage</i> , 2008 , 39, 1499-509	7.9	45
1505	Brain white matter tracts degeneration in Friedreich ataxia. An in vivo MRI study using tract-based spatial statistics and voxel-based morphometry. <i>NeuroImage</i> , 2008 , 40, 19-25	7.9	84
1504	Resilience after 9/11: multimodal neuroimaging evidence for stress-related change in the healthy adult brain. <i>NeuroImage</i> , 2008 , 40, 788-795	7.9	103
1503	Microstructural maturation of the human brain from childhood to adulthood. <i>NeuroImage</i> , 2008 , 40, 1044-55	7.9	1019
1502	Psychopathy as a disorder of the moral brain: fronto-temporo-limbic grey matter reductions demonstrated by voxel-based morphometry. <i>NeuroImage</i> , 2008 , 40, 1202-13	7.9	197
1501	Ten simple rules for reporting voxel-based morphometry studies. <i>NeuroImage</i> , 2008 , 40, 1429-35	7.9	203
1500	Voxel-based cortical thickness measurements in MRI. <i>NeuroImage</i> , 2008 , 40, 1701-10	7.9	153
1499	Impact of inconsistent resolution on VBM studies. <i>NeuroImage</i> , 2008 , 40, 1711-7	7.9	13
1498	Reproducibility of brain tissue volumes in longitudinal studies: effects of changes in signal-to-noise ratio and scanner software. <i>NeuroImage</i> , 2008 , 41, 371-9	7.9	45
1497	3D characterization of brain atrophy in Alzheimer's disease and mild cognitive impairment using tensor-based morphometry. <i>NeuroImage</i> , 2008 , 41, 19-34	7.9	135
1496	Accelerated cerebral white matter development in preterm infants: a voxel-based morphometry study with diffusion tensor MR imaging. <i>NeuroImage</i> , 2008 , 41, 728-34	7.9	74
1495	Selection of the control group for VBM analysis: influence of covariates, matching and sample size. <i>NeuroImage</i> , 2008 , 41, 1324-35	7.9	104
1494	Voxel-based analysis derived from fractional anisotropy images of white matter volume changes with aging. <i>NeuroImage</i> , 2008 , 41, 657-67	7.9	97
1493	A voxel-based morphometry study of grey matter loss in MS patients with different clinical phenotypes. <i>NeuroImage</i> , 2008 , 42, 315-22	7.9	170

1492	Brain structural abnormalities in survivors of pediatric posterior fossa brain tumors: a voxel-based morphometry study using free-form deformation. <i>NeuroImage</i> , 2008 , 42, 218-29	7.9	16
1491	Multi-structure network shape analysis via normal surface momentum maps. <i>NeuroImage</i> , 2008 , 42, 1430-8	7.9	81
1490	Multi-site voxel-based morphometry: methods and a feasibility demonstration with childhood absence epilepsy. <i>NeuroImage</i> , 2008 , 42, 611-6	7.9	99
1489	Effects of spatial transformation on regional brain volume estimates. <i>NeuroImage</i> , 2008 , 42, 535-47	7.9	39
1488	Hippocampal hyperperfusion in Alzheimer's disease. <i>NeuroImage</i> , 2008 , 42, 1267-74	7.9	128
1487	Brain white matter damage in SCA1 and SCA2. An in vivo study using voxel-based morphometry, histogram analysis of mean diffusivity and tract-based spatial statistics. <i>NeuroImage</i> , 2008 , 43, 10-9	7.9	73
1486	Validation of a fully automated 3D hippocampal segmentation method using subjects with Alzheimer's disease mild cognitive impairment, and elderly controls. <i>NeuroImage</i> , 2008 , 43, 59-68	7.9	162
1485	Tensor-based morphometry as a neuroimaging biomarker for Alzheimer's disease: an MRI study of 676 AD, MCI, and normal subjects. <i>NeuroImage</i> , 2008 , 43, 458-69	7.9	269
1484	Measurement of brain atrophy in subcortical vascular disease: a comparison of different approaches and the impact of ischaemic lesions. <i>NeuroImage</i> , 2008 , 43, 312-20	7.9	25
1483	Left orbitofrontal and superior temporal gyrus structural changes associated to suicidal behavior in patients with schizophrenia. 2008 , 32, 1673-6		85
1482	Gray matter structural alterations in obsessive-compulsive disorder: relationship to neuropsychological functions. 2008 , 164, 123-31		44
1481	Volumetric abnormalities associated with cognitive deficits in patients with schizophrenia. 2008 , 23, 541-8		65
1480	Basal forebrain atrophy is a presymptomatic marker for Alzheimer's disease. 2008 , 4, 271-9		60
1479	Longitudinal neuroanatomical changes determined by deformation-based morphometry in a mouse model of Alzheimer's disease. <i>NeuroImage</i> , 2008 , 42, 19-27	7.9	121
1478	Structural neural correlates of impairments in social cognition in first episode psychosis. 2008 , 3, 79-88		26
1477	Cortical plasticity following nerve transfer in the upper extremity. 2008 , 24, 425-44, vi-vii		64
1476	Subcortical gray matter volume abnormalities in healthy bipolar offspring: potential neuroanatomical risk marker for bipolar disorder?. 2008 , 47, 532-539		94
1475	Structural brain alterations in subjects at high-risk of psychosis: a voxel-based morphometric study. 2008 , 102, 150-62		119

1474	Regional gray matter volume deficits in adolescents with first-episode psychosis. 2008 , 47, 1311-20	67
1473	Aging and alexithymia: association with reduced right rostral cingulate volume. 2008 , 16, 760-9	51
1472	Morphometric brain abnormalities in boys with conduct disorder. 2008 , 47, 540-547	180
1471	Brain atrophy assessment in multiple sclerosis: importance and limitations. 2008 , 18, 675-86, xi	57
1470	[Cerebral imaging in healthy aging: contrast with Alzheimer disease]. 2008 , 164 Suppl 3, S102-7	13
1469	Gray matter atrophy in patients with ischemic stroke with cognitive impairment. 2008 , 39, 785-93	108
1468	Neuroanatomic comparison of bipolar adolescents with and without cannabis use disorders. 2008 , 18, 557-63	33
1467	Associative learning over trials activates the hippocampus in healthy elderly but not mild cognitive impairment. 2008 , 15, 129-45	30
1466	Whole brain-based computerized neuroimaging in ALS and other motor neuron disorders. 2008 , 9, 238-48	24
1465	A structural-functional basis for dyslexia in the cortex of Chinese readers. 2008 , 105, 5561-6	178
1464	Comparison between Voxel-based Morphometry and Volumetric Analysis in Schizophrenia. 2008 ,	1
1463	Probabilistic maps, morphometry, and variability of cytoarchitectonic areas in the human superior parietal cortex. 2008 , 18, 2141-57	287
1462	Investigation of mindfulness meditation practitioners with voxel-based morphometry. 2008 , 3, 55-61	371
1461	Reduced thalamic grey matter volume in opioid dependence is influenced by degree of alcohol use: a voxel-based morphometry study. 2008 , 22, 7-10	27
1460	The neural bases of obsessive-compulsive disorder in children and adults. 2008 , 20, 1251-83	215
1459	Altered diffusion in the frontal lobe in Parkinson disease. 2008 , 29, 501-5	152
1458	Voxel-based analysis of gray matter and CSF space in idiopathic normal pressure hydrocephalus. 2008 , 25, 329-35	46
1457	Different atrophic patterns in early- and late-onset Alzheimer's disease and evaluation of clinical utility of a method of regional z-score analysis using voxel-based morphometry. 2008 , 26, 175-86	34

1456	Neuroimaging correlates of subjective memory deficits in a community population. 2008 , 70, 1601-7	95
1455	Essential head tremor is associated with cerebellar vermis atrophy: a volumetric and voxel-based morphometry MR imaging study. 2008 , 29, 1692-7	133
1454	Brain structural damage in Friedreich's ataxia. 2008 , 79, 82-5	71
1453	Apolipoprotein E polymorphism and brain morphology in mild cognitive impairment. 2008 , 26, 300-5	19
1452	Reduced frontal white matter volume in long-term childhood leukemia survivors: a voxel-based morphometry study. 2008 , 29, 792-7	88
1451	Prematurely born children demonstrate white matter microstructural differences at 12 years of age, relative to term control subjects: an investigation of group and gender effects. 2008 , 121, 306-16	221
1450	Gender differences in brain development in Chinese children and adolescents: a structural MRI study. 2008 ,	
1449	Total and regional gray matter volume is not related to APOE*E4 status in a community sample of middle-aged individuals. 2008 , 63, 501-4	46
1448	The tauopathy associated with mutation +3 in intron 10 of Tau: characterization of the MSTD family. 2008 , 131, 72-89	76
1447	Fear conditioning in frontotemporal lobar degeneration and Alzheimer's disease. 2008 , 131, 1646-57	86
1446	Intra-cortical connectivity in multiple sclerosis: a neurophysiological approach. 2008 , 131, 1783-92	36
1445	Remodeling the brain: plastic structural brain changes produced by different motor therapies after stroke. 2008 , 39, 1520-5	285
1444	A magnetic resonance imaging voxel-based morphometry study of regional gray matter atrophy in patients with benign multiple sclerosis. 2008 , 65, 1223-30	54
1443	Improved predictive model for pre-symptomatic mild cognitive impairment and Alzheimer's disease. 2008 , 30, 1091-6	8
1442	Unravelling Bolfo: progressive aphasia, transmodal creativity and the right posterior neocortex. 2008 , 131, 39-49	138
1441	Source based morphometry using structural MRI phase images to identify sources of gray matter and white matter relative differences in schizophrenia versus controls. 2008 ,	
1440	Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. 2008 , 131, 205-17	312
1439	Gray matter increase induced by practice correlates with task-specific activation: a combined functional and morphometric magnetic resonance imaging study. 2008 , 28, 4210-5	185

1438	Evidence of thalamic gray matter loss in pediatric multiple sclerosis. 2008 , 70, 1107-12	118
1437	Age-related regional network of magnetic resonance imaging gray matter in the rhesus macaque. 2008 , 28, 2710-8	64
1436	Deformation field morphometry reveals age-related structural differences between the brains of adults up to 51 years. 2008 , 28, 828-42	48
1435	Individual differences in stressor-evoked blood pressure reactivity vary with activation, volume, and functional connectivity of the amygdala. 2008 , 28, 990-9	203
1434	Intelligence and variability in a simple timing task share neural substrates in the prefrontal white matter. 2008 , 28, 4238-43	68
1433	The evolutionarily conserved G protein-coupled receptor SREB2/GPR85 influences brain size, behavior, and vulnerability to schizophrenia. 2008 , 105, 6133-8	47
1432	Depression-related variation in brain morphology over 3 years: effects of stress?. 2008 , 65, 1156-65	277
1431	Chronic cigarette smoking and the microstructural integrity of white matter in healthy adults: a diffusion tensor imaging study. 2008 , 10, 137-47	108
1430	Voxel-based morphometry in Alzheimer's disease. 2008 , 8, 1691-702	95
1429	VBM anticipates the rate of progression of Alzheimer disease: a 3-year longitudinal study. 2008 , 70, 2201-11	60
1428	Regional grey matter atrophy in clinically isolated syndromes at presentation. 2008 , 79, 1236-44	174
1427	Hippocampal and thalamic atrophy in mild temporal lobe epilepsy: a VBM study. 2008 , 71, 1094-101	83
1426	Frontal paralimbic network atrophy in very mild behavioral variant frontotemporal dementia. 2008 , 65, 249-55	362
1425	Regional white matter decreases in Alzheimer's disease using optimized voxel-based morphometry. 2008 , 49, 84-90	29
1424	Increase in prefrontal cortical volume following cognitive behavioural therapy in patients with chronic fatigue syndrome. 2008 , 131, 2172-80	178
1423	Distinct MRI atrophy patterns in autopsy-proven Alzheimer's disease and frontotemporal lobar degeneration. 2007 , 22, 474-88	195
1422	Whole-brain voxel-based morphometry in Kallmann syndrome associated with mirror movements. 2008 , 29, 1799-804	17
1421	Brain size and cortical structure in the adult human brain. 2008 , 18, 2181-91	323

1420	Relating imaging indices of white matter integrity and volume in healthy older adults. 2008 , 18, 433-42	124
1419	Training-induced brain structure changes in the elderly. 2008 , 28, 7031-5	505
1418	Evolution of different MRI measures in patients with active relapsing-remitting multiple sclerosis over 2 and 5 years: a case-control study. 2008 , 79, 407-14	64
1417	Sex-linked neuroanatomical basis of human altruistic cooperativeness. 2008 , 18, 2331-40	56
1416	Age-related degradation in the central nervous system: assessment with diffusion-tensor imaging and quantitative fiber tracking. 2008 , 247, 179-88	77
1415	Hierarchical organization of human cortical networks in health and schizophrenia. 2008 , 28, 9239-48	907
1414	Inefficiency in self-organized attentional switching in the normal aging population is associated with decreased activity in the ventrolateral prefrontal cortex. 2008 , 20, 1670-86	32
1413	Working memory performance is correlated with local brain morphology in the medial frontal and anterior cingulate cortex in fibromyalgia patients: structural correlates of pain-cognition interaction. 2008 , 131, 3222-31	162
1412	Network atrophy in temporal lobe epilepsy: a voxel-based morphometry study. 2008 , 71, 419-25	133
1411	Automatic segmentation of brain structures from MRI integrating atlas-based labeling and level set method. 2008 ,	2
1410	Brain magnetic resonance imaging structural changes in a pedigree of asymptomatic progranulin mutation carriers. 2008 , 11, 585-95	75
1409	Brain morphology in older African Americans, Caribbean Hispanics, and whites from northern Manhattan. 2008 , 65, 1053-61	175
1408	Health economic choices in old age: Interdisciplinary perspectives on economic decisions and the aging mind. 2008 , 227-270	5
1407	Effects of age on detection of emotional information. 2008 , 23, 209-15	102
1406	Executive function and MRI prefrontal volumes among healthy older adults. 2008 , 22, 626-37	60
1405	White matter changes in corticobasal degeneration syndrome and correlation with limb apraxia. 2008 , 65, 796-801	68
1404	Impact of catechol-O-methyltransferase Val(108/158) Met genotype on hippocampal and prefrontal gray matter volume. 2008 , 19, 405-8	59
1403	Feature selection and classification of multiparametric medical images using bagging and SVM. 2008 ,	2

1402	Voxel-based morphometry study on brain structure in children with high-functioning autism. 2008 , 19, 921-5	65
1401	Size matters?. 2008 , 26, 1548-50	0
1400	MAO A VNTR polymorphism and variation in human morphology: a VBM study. 2008 , 19, 1107-10	23
1399	Morphometric magnetic resonance imaging in psychiatry. 2008 , 19, 131-42	3
1398	Aging hippocampus and amygdala. 2008 , 19, 543-7	58
1397	Structural magnetic resonance imaging in anxiety disorders: an update of research findings. 2008 , 30, 251-64	57
1396	Contribution of education, occupation and cognitively stimulating activities to the formation of cognitive reserve. 2008 , 2, 173-182	37
1395	Anatomy of the episodic buffer: a voxel-based morphometry study in patients with dementia. 2008 , 19, 29-34	33
1394	Voxel-based morphometry study of gray matter abnormalities in obsessive-compulsive disorder. 2008 , 23, 24-30	75
1393	Structural Cerebellar Abnormalities in Antipsychotic-naïve Schizophrenia: Evidence for Cognitive Dysmetria. 2008 , 30, 83-89	1
1392	Jason Bourne's amnesia. 2009 , 195, 353-353	
1391	MRI-derived atrophy of the olfactory bulb and tract in mild cognitive impairment and Alzheimer's disease. 2009 , 17, 213-21	58
1390	Structural and metabolic changes in language areas linked to formal thought disorder. 2009 , 194, 130-8	92
1389	Prenatal immune challenge is an environmental risk factor for brain and behavior change relevant to schizophrenia: evidence from MRI in a mouse model. 2009 , 4, e6354	108
1388	Regional brain stem atrophy in idiopathic Parkinson's disease detected by anatomical MRI. 2009 , 4, e8247	49
1387	Neuroanatomical correlates of developmental dyscalculia: combined evidence from morphometry and tractography. 2009 , 3, 51	128
1386	Magnetic resonance imaging improves cerebrospinal fluid biomarkers in the early detection of Alzheimer's disease. 2009 , 16, 351-62	55
1385	Examining the relationship between brain function and structure on voxel-by-voxel-basis. 2009 ,	

1384	Of brain and bone: the unusual case of Dr. A. 2009 , 15, 190-205	21
1383	Functional asymmetries revealed in visually guided saccades: an fMRI study. 2009 , 102, 2994-3003	45
1382	The adaptive brain: aging and neurocognitive scaffolding. 2009 , 60, 173-96	1561
1381	One-year brain atrophy evident in healthy aging. 2009 , 29, 15223-31	418
1380	Effects of aging on functional connectivity of the amygdala for subsequent memory of negative pictures: a network analysis of functional magnetic resonance imaging data. 2009 , 20, 74-84	115
1379	Brain gray matter decrease in chronic pain is the consequence and not the cause of pain. 2009 , 29, 13746-50	374
1378	Association of white-matter lesions with brain atrophy markers: the three-city Dijon MRI study. 2009 , 28, 177-84	56
1377	Rule violation errors are associated with right lateral prefrontal cortex atrophy in neurodegenerative disease. 2009 , 15, 354-64	31
1376	Aging and the perception of emotion: processing vocal expressions alone and with faces. 2010 , 36, 1-22	38
1375	Functional neuroimaging studies of aging and emotion: fronto-amygdalar differences during emotional perception and episodic memory. 2009 , 15, 819-25	62
1374	Neurological soft signs and brain morphology in first-episode schizophrenia. 2009 , 39, 371-9	94
1373	Cortical atrophy and language network reorganization associated with a novel progranulin mutation. 2009 , 19, 1751-60	42
1372	Neural correlates of attention biases of people with major depressive disorder: a voxel-based morphometric study. 2009 , 39, 1097-106	56
1371	Contribution of white matter lesions to gray matter atrophy in multiple sclerosis: evidence from voxel-based analysis of T1 lesions in the visual pathway. 2009 , 66, 173-9	78
1370	Association of GSK3beta polymorphisms with brain structural changes in major depressive disorder. 2009 , 66, 721-8	105
1369	Blood pressure and progression of cerebral atrophy in patients with vascular disease. 2009 , 22, 1183-9	10
1368	Altered fronto-striato-thalamic connectivity in children with Tourette syndrome assessed with diffusion tensor MRI and probabilistic fiber tracking. 2009 , 24, 669-78	65
1367	Correlation of brain white matter diffusion anisotropy and mean diffusivity with reaction time in an oddball task. 2009 , 60, 55-66	23

1366	Single- and multiple-domain amnesic mild cognitive impairment: two sides of the same coin?. 2009 , 28, 541-9	54
1365	Grapheme-colour synaesthetes show increased grey matter volumes of parietal and fusiform cortex. 2009 , 132, 65-70	105
1364	Longitudinal pattern of regional brain volume change differentiates normal aging from MCI. 2009 , 72, 1906-13	370
1363	Mapping brain development during childhood, adolescence and young adulthood. 2009 ,	
1362	Automatic segmentation of brain MRIs and mapping neuroanatomy across the human lifespan. 2009 ,	1
1361	Psychosis and autism: magnetic resonance imaging study of brain anatomy. 2009 , 194, 418-25	66
1360	Subjects with intellectual disability and familial need for full-time special education show regional brain alterations: a voxel-based morphometry study. 2009 , 66, 306-11	7
1359	Reduced gray matter volume in the frontotemporal cortex of patients with early subacute sclerosing panencephalitis. 2009 , 30, 271-5	15
1358	Brain structural variability due to aging and gender in cognitively healthy Elders: results from the Sao Paulo Ageing and Health study. 2009 , 30, 1850-6	53
1357	Heritability of structural brain traits an endophenotype approach to deconstruct schizophrenia. 2009 , 89, 85-130	28
1356	Age, Alzheimer disease, and brain structure. 2009 , 73, 1899-905	145
1355	Motor cortex and thalamic atrophy in Unverricht-Lundborg disease: voxel-based morphometric study. 2009 , 73, 606-11	46
1354	Brain morphology and neurological soft signs in adolescents with first-episode psychosis. 2009 , 195, 227-33	44
1353	Age-related iron deposition in the basal ganglia: quantitative analysis in healthy subjects. 2009 , 252, 165-72	212
1352	In vivo mapping of amyloid toxicity in Alzheimer disease. 2009 , 72, 1504-11	72
1351	Association of cerebral deficits with clinical symptoms in antipsychotic-naive first-episode schizophrenia: an optimized voxel-based morphometry and resting state functional connectivity study. 2009 , 166, 196-205	217
1350	Longitudinal brain metabolic changes from amnesic mild cognitive impairment to Alzheimer's disease. 2009 , 132, 2058-67	103
1349	Structural and metabolic correlates of episodic memory in relation to the depth of encoding in normal aging. 2009 , 21, 372-89	23

1348	Age-related alterations in simple declarative memory and the effect of negative stimulus valence. 2009 , 21, 1920-33	73
1347	Voxel-based morphometry reveals reduced grey matter volume in the temporal cortex of developmental prosopagnosics. 2009 , 132, 3443-55	148
1346	Development of large-scale functional brain networks in children. 2009 , 7, e1000157	610
1345	Size matters: increased grey matter in boys with conduct problems and callous-unemotional traits. 2009 , 132, 843-52	221
1344	Baseline MRI predictors of conversion from MCI to probable AD in the ADNI cohort. 2009 , 6, 347-61	408
1343	Reply to: can CBT substantially change grey matter volume in chronic fatigue syndrome?. 2009 , 132, e111-e111	
1342	Morphing voxels: the hype around structural imaging of headache patients. 2009 , 132, 1419-25	71
1341	Semantic memory activation in individuals at risk for developing Alzheimer disease. 2009 , 73, 612-20	55
1340	High consistency of regional cortical thinning in aging across multiple samples. 2009 , 19, 2001-12	475
1339	Voxel-based morphometry in individual patients: a pilot study in early Huntington disease. 2009 , 30, 539-43	46
1338	Explicit identification and implicit recognition of facial emotions: I. Age effects in males and females across 10 decades. 2009 , 31, 257-77	131
1337	Minute effects of sex on the aging brain: a multisample magnetic resonance imaging study of healthy aging and Alzheimer's disease. 2009 , 29, 8774-83	92
1336	Cerebellar atrophy in essential tremor using an automated segmentation method. 2009 , 30, 1240-3	100
1335	Changes in intellectual functioning associated with normal aging. 2009 , 24, 681-8	20
1334	Visual object pattern separation deficits in nondemented older adults. 2009 , 16, 338-42	159
1333	Multiple parietal reach regions in humans: cortical representations for visual and proprioceptive feedback during on-line reaching. 2009 , 29, 2961-71	193
1332	Seizure frequency and lateralization affect progression of atrophy in temporal lobe epilepsy. 2009 , 73, 834-42	123
1331	Dissociable brain structural changes associated with predisposition, resilience, and disease expression in bipolar disorder. 2009 , 29, 10863-8	84

1330	Patterns of brain atrophy on magnetic resonance imaging and the boundary between ageing and Alzheimer's disease. 2009 , 19, 295-307	4
1329	Voxel-based morphometric multisite collaborative study on schizophrenia. 2009 , 35, 82-95	102
1328	The Neuropsychology of Women. 2009 ,	1
1327	Is it logical to count on quantifiers? Dissociable neural networks underlying numerical and logical quantifiers. 2009 , 47, 104-11	37
1326	A comparative study of cognition and brain anatomy between two neurodevelopmental disorders: 22q11.2 deletion syndrome and Williams syndrome. 2009 , 47, 1034-44	29
1325	Complementary hemispheric asymmetries in object naming and recognition: a voxel-based correlational study. 2009 , 47, 1836-43	32
1324	Reading disorders in primary progressive aphasia: a behavioral and neuroimaging study. 2009 , 47, 1893-900	93
1323	White matter tracts associated with set-shifting in healthy aging. 2009 , 47, 2835-42	79
1322	Temporal preparation in aging: a functional MRI study. 2009 , 47, 2876-81	58
1321	Brain structure in diving players on MR imaging studied with voxel-based morphometry. 2009 , 19, 1397-1402	16
1320	Reduced gray matter volume in ventral prefrontal cortex but not amygdala in bipolar disorder: significant effects of gender and trait anxiety. 2009 , 171, 54-68	99
1319	Neuroanatomical differences between familial and sporadic schizophrenia and their parents: an optimized voxel-based morphometry study. 2009 , 171, 71-81	37
1318	The relation of worry to prefrontal cortex volume in older adults with and without generalized anxiety disorder. 2009 , 173, 121-7	48
1317	Sexually dimorphic gray matter volume reduction in patients with panic disorder. 2009 , 173, 128-34	73
1316	The neural basis of visuospatial perception in Alzheimer's disease and healthy elderly comparison subjects: an fMRI study. 2009 , 172, 109-16	52
1315	A voxel-based morphometry comparison of regional gray matter between fragile X syndrome and autism. 2009 , 174, 138-45	29
1314	Smaller amygdala volume and reduced anterior cingulate gray matter density associated with history of post-traumatic stress disorder. 2009 , 174, 210-6	100
1313	A pilot test of pioglitazone as an add-on in patients with relapsing remitting multiple sclerosis. 2009 , 211, 124-30	48

1312	Image-driven population analysis through mixture modeling. 2009 , 28, 1473-87	56
1311	Brain structural differences associated with the behavioural phenotype in children with Williams syndrome. 2009 , 1258, 96-107	65
1310	Regional fMRI brain activation does correlate with global brain volume. 2009 , 1259, 17-25	16
1309	White matter impairments in autism, evidence from voxel-based morphometry and diffusion tensor imaging. 2009 , 1265, 171-7	89
1308	Resting cerebral blood flow, attention, and aging. 2009 , 1267, 77-88	101
1307	No volume difference of medulla oblongata between young and old Korean people. 2009 , 1276, 77-82	17
1306	Age-related relative volume preservation of the dominant hand cortical region. 2009 , 1305, 14-9	10
1305	Magnetization transfer imaging reveals the brain deficit in patients with treatment-refractory depression. 2009 , 117, 157-61	36
1304	Relationship between atrophy and beta-amyloid deposition in Alzheimer disease. 2010 , 67, 317-24	255
1303	A voxel-based morphometric MRI study in men with borderline personality disorder: preliminary findings. 2009 , 19, 64-72	38
1302	Aging of cerebral white matter: a review of MRI findings. 2009 , 24, 109-17	337
1301	The functional neuroanatomy of geriatric depression. 2009 , 24, 798-808	76
1300	Voxel based morphometry features and follow-up of amnesic patients at high risk for Alzheimer's disease conversion. 2009 , 24, 875-84	15
1299	Aging and the interaction of sensory cortical function and structure. 2009 , 30, 228-40	46
1298	Detecting brain growth patterns in normal children using tensor-based morphometry. 2009 , 30, 209-19	66
1297	Cortical dysfunction in patients with Huntington's disease during working memory performance. 2009 , 30, 327-39	65
1296	A voxel-based morphometry study of frontal gray matter correlates of impulsivity. 2009 , 30, 1188-95	194
1295	Correlation study of optimized voxel-based morphometry and (1)H MRS in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. 2009 , 30, 1226-35	21

1294	Disentangling the prefrontal network for rule selection by means of a non-verbal variant of the Wisconsin Card Sorting Test. 2009 , 30, 1734-43	38
1293	Undiagnosed sleep-related breathing disorders are associated with focal brainstem atrophy in the elderly. 2009 , 30, 2090-7	34
1292	Collaborative computational anatomy: an MRI morphometry study of the human brain via diffeomorphic metric mapping. 2009 , 30, 2132-41	40
1291	Topographic analysis of individual activation patterns in medial frontal cortex in schizophrenia. 2009 , 30, 2146-56	14
1290	Automated 3D mapping of hippocampal atrophy and its clinical correlates in 400 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. 2009 , 30, 2766-88	153
1289	Exploring the relationship between white matter and gray matter damage in early primary progressive multiple sclerosis: an in vivo study with TBSS and VBM. 2009 , 30, 2852-61	141
1288	Separating function from structure in perfusion imaging of the aging brain. 2009 , 30, 2927-35	71
1287	A multiparametric evaluation of regional brain damage in patients with primary progressive multiple sclerosis. 2009 , 30, 3009-19	39
1286	Age-related microstructural changes in subcortical white matter during postadolescent periods in men revealed by diffusion-weighted MR imaging. 2009 , 30, 3142-50	3
1285	Cortical neuronal loss and hippocampal sclerosis are not detected by voxel-based morphometry in individual epilepsy surgery patients. 2009 , 30, 3351-60	30
1284	Greater leftward lateralization of the inferior frontal gyrus in second language learners with higher syntactic abilities. 2009 , 30, 3625-35	26
1283	Mapping brain abnormalities in boys with autism. 2009 , 30, 3887-900	46
1282	The SRI24 multichannel atlas of normal adult human brain structure. 2010 , 31, 798-819	221
1281	Structural brain differences and cognitive functioning related to body mass index in older females. 2010 , 31, 1052-64	208
1280	Visual rating of the hippocampus in non-demented elders: Does it measure hippocampal atrophy or other indices of brain atrophy? The SMART-MR study. 2009 , 19, 1115-22	12
1279	Patterns of hippocampal-neocortical interactions in the retrieval of episodic autobiographical memories across the entire life-span of aged adults. 2010 , 20, 153-65	35
1278	Neuron and glia numbers in the basolateral nucleus of the amygdala from preweaning through old age in male and female rats: a stereological study. 2009 , 512, 717-25	87
1277	Organization of the posterior parietal cortex in galagos. II. Ipsilateral cortical connections of physiologically identified zones within anterior sensorimotor region. 2009 , 517, 783-807	46

1276	Evaluation of measurement uncertainties in human diffusion tensor imaging (DTI)-derived parameters and optimization of clinical DTI protocols with a wild bootstrap analysis. 2009 , 29, 422-35	27
1275	Motor-related circuit dysfunction in MSA-P: Usefulness of combined whole-brain imaging analysis. 2009 , 24, 863-70	32
1274	Greater than the sum of its parts: a review of studies combining structural connectivity and resting-state functional connectivity. 2009 , 213, 525-33	629
1273	[Chronic pain alters the structure of the brain]. 2009 , 23, 569-75	3
1272	Relationship between CAG repeat length and brain volume in premanifest and early Huntington's disease. 2009 , 256, 203-12	48
1271	Morphological differences in Parkinson's disease with and without rest tremor. 2009 , 256, 256-63	85
1270	Early structural changes in individuals at risk of familial Alzheimer's disease: a volumetry and magnetization transfer MR imaging study. 2009 , 256, 925-32	27
1269	A combined voxel-based morphometry and 1H-MRS study in patients with Friedreich's ataxia. 2009 , 256, 1114-20	53
1268	Quantification and clinical relevance of brain atrophy in multiple sclerosis: a review. 2009 , 256, 1397-412	60
1267	Relaxo-volumetric multispectral quantitative magnetic resonance imaging of the brain over the human lifespan: global and regional aging patterns. 2009 , 27, 895-906	57
1266	Age-related increase in cross-sensory noise in resting and steady-state cerebral perfusion. 2009 , 21, 241-51	24
1265	The impact of age-related changes on working memory functional activity. 2009 , 3, 142-153	51
1264	Characterization of Atrophic Changes in the Cerebral Cortex Using Fractal Dimensional Analysis. 2009 , 3, 154-166	76
1263	Relevance of Iron Deposition in Deep Gray Matter Brain Structures to Cognitive and Motor Performance in Healthy Elderly Men and Women: Exploratory Findings. 2009 , 3, 167-175	58
1262	Posterior Cingulate and Lateral Parietal Gray Matter Volume in Older Adults with Depressive Symptoms. 2009 , 3, 233-239	16
1261	A Comparison of Voxel-Based Morphometry and Volumetry Methods in the Context of the Neural Basis of Aggression. 2009 , 3, 332-341	6
1260	Development of an MRI rating scale for multiple brain regions: comparison with volumetrics and with voxel-based morphometry. 2009 , 51, 491-503	86
1259	A combined neuropsychological and brain imaging study of obstructive sleep apnea. 2009 , 18, 36-48	177

1258	The DRD2 TaqIA polymorphism associated with changed midbrain volumes in healthy individuals. 2009 , 8, 459-63	26
1257	Gray matter deficits in young adults with narcolepsy. 2009 , 119, 61-7	26
1256	Regional gray matter reduction and theory of mind deficit in the early phase of schizophrenia: a voxel-based morphometric study. 2009 , 119, 199-208	58
1255	Reduced fractional anisotropy in early-stage cerebellar variant of multiple system atrophy. 2009 , 19, 127-31	19
1254	Cerebral atrophy in cerebrovascular disorders. 2010 , 20, 213-8	23
1253	Perceived quality of maternal care in childhood and structure and function of mothers' brain. 2010 , 13, 662-73	88
1252	Smaller amygdala is associated with anxiety in patients with panic disorder. 2009 , 63, 266-76	110
1251	Frontal and cingulate gray matter volume reduction in heroin dependence: optimized voxel-based morphometry. 2009 , 63, 563-8	78
1250	Structural abnormalities of ventrolateral and orbitofrontal cortex in patients with familial bipolar disorder. 2009 , 11, 135-44	86
1249	Genetic variation in the G72 (DAOA) gene affects temporal lobe and amygdala structure in subjects affected by bipolar disorder. 2009 , 11, 621-7	14
1248	Anterior cingulate volumes associated with trait impulsivity in individuals with bipolar disorder. 2009 , 11, 628-36	45
1247	Gray-matter atrophy after chronic complete unilateral vestibular deafferentation. 2009 , 1164, 383-5	21
1246	Structural changes in the human brain following vestibular neuritis indicate central vestibular compensation. 2009 , 1164, 104-15	48
1245	What's new in neuroimaging methods?. 2009 , 1156, 260-93	148
1244	Evaluation of cognition, structural, and functional MRI in juvenile myoclonic epilepsy. 2009 , 50, 2456-65	74
1243	Interoceptive awareness declines with age. 2009 , 46, 1130-6	112
1242	White matter fractional anisotropy differences and correlates of diagnostic symptoms in autism. 2009 , 50, 1102-12	134
1241	Differences in grey and white matter atrophy in amnesic mild cognitive impairment and mild Alzheimer's disease. 2009 , 16, 468-74	41

1240	Diffusion abnormality in the posterior cingulum and hippocampal volume: correlation with disease progression in Alzheimer's disease. 2009 , 27, 347-54	48
1239	Effects of interpolation methods in spatial normalization of diffusion tensor imaging data on group comparison of fractional anisotropy. 2009 , 27, 681-90	33
1238	Computational anatomy with the SPM software. 2009 , 27, 1163-74	350
1237	Proprioceptive sensibility in the elderly: degeneration, functional consequences and plastic-adaptive processes. 2009 , 33, 271-8	263
1236	Accurate and robust extraction of brain regions using a deformable model based on radial basis functions. 2009 , 183, 255-66	22
1235	Lithium therapy for human immunodeficiency virus type 1-associated neurocognitive impairment. 2009 , 15, 176-86	67
1234	Aging and the neuroeconomics of decision making: A review. 2009 , 9, 365-79	40
1233	Essentials of Functional Neuroimaging. 2009 ,	2
1232	Estudio a gran escala (n = 400) de las diferencias de la sustancia gris en la esquizofrenia mediante morfometría optimizada basada en vóxeles. 2009 , 16, 22-31	
1231	Combining Resting-state fMRI and DTI Analysis for Early-onset Schizophrenia. 2009 , 2, 375-385	4
1230	Gray matter changes related to chronic posttraumatic headache. 2009 , 73, 978-83	128
1229	Gender-related differences in MS: a study of conventional and nonconventional MRI measures. 2009 , 15, 345-54	46
1228	Patterns of autobiographical memory impairment according to disease severity in semantic dementia. 2009 , 45, 456-72	42
1227	Impairment of cerebello-thalamo-frontal pathway in Rab-GDI mutated patients with pure mental deficiency. 2009 , 52, 6-13	9
1226	Latent state-trait structure of cerebral blood flow in a resting state. 2009 , 80, 196-202	16
1225	Interactions of cognitive reserve with regional brain anatomy and brain function during a working memory task in healthy elders. 2009 , 80, 256-9	65
1224	Gray matter density negatively correlates with duration of heroin use in young lifetime heroin-dependent individuals. 2009 , 71, 223-8	155
1223	Age-related dendritic hypertrophy and sexual dimorphism in rat basolateral amygdala. 2009 , 30, 137-46	43

1222	Atrophy progression in semantic dementia with asymmetric temporal involvement: a tensor-based morphometry study. 2009 , 30, 103-11	160
1221	Accelerated aging of the putamen in men but not in women. 2009 , 30, 147-51	31
1220	Voxel-based mapping of brain gray matter volume and glucose metabolism profiles in normal aging. 2009 , 30, 112-24	272
1219	Altered neural network supporting declarative long-term memory in mild cognitive impairment. 2009 , 30, 284-98	29
1218	Relative contributions of the cerebellar vermis and prefrontal lobe volumes on cognitive function across the adult lifespan. 2009 , 30, 457-65	43
1217	Ageing-related changes of neural activity associated with spatial contextual memory. 2009 , 30, 630-45	51
1216	Age-related differences in regional brain volumes: a comparison of optimized voxel-based morphometry to manual volumetry. 2009 , 30, 1657-76	168
1215	Neurodegenerative diseases target large-scale human brain networks. 2009 , 62, 42-52	1620
1214	Changes in brain function and morphology in patients with recurring herpes simplex virus infections and chronic pain. 2009 , 144, 200-8	19
1213	Prefrontal cortex volume reduction on MRI in preclinical Huntington's disease relates to visuomotor performance and CAG number. 2009 , 15, 213-9	43
1212	Motor cortex plasticity in ischemic perinatal stroke: a transcranial magnetic stimulation and functional MRI study. 2009 , 41, 171-8	47
1211	Gray matter reduction associated with emotion regulation in female outpatients with major depressive disorder: a voxel-based morphometry study. 2009 , 33, 1184-90	68
1210	Gray matter correlates of fluid, crystallized, and spatial intelligence: Testing the P-FIT model. 2009 , 37, 124-135	140
1209	Gray matter and intelligence factors: Is there a neuro-g?. 2009 , 37, 136-144	94
1208	Voxel-based morphometry in the detection of dysplasia and neoplasia in childhood epilepsy: limitations of grey matter analysis. 2009 , 16, 780-5	22
1207	Imaging evidence for anatomical disturbances and neuroplastic compensation in persons with Tourette syndrome. 2009 , 67, 559-73	97
1206	Effets de l'âge et du genre sur la perfusion cérébrale régionale étudiée par deux méthodes d'analyse statistique voxel-par-voxel. 2009 , 33, 625-631	
1205	Absent gender differences of hippocampal atrophy in amnesic type mild cognitive impairment. 2009 , 450, 85-9	20

1204	Association between symptom severity and internal capsule volume in obsessive-compulsive disorder. 2009 , 452, 68-71	31
1203	Regional brain gray matter abnormalities in patients with bipolar II disorder: a comparison study with bipolar I patients and healthy controls. 2009 , 456, 44-8	83
1202	Whole brain size and general mental ability: a review. 2009 , 119, 691-731	151
1201	Genetic vulnerability to affective psychopathology in childhood: a combined voxel-based morphometry and functional magnetic resonance imaging study. 2009 , 66, 231-7	26
1200	Childhood sexual abuse is associated with reduced gray matter volume in visual cortex of young women. 2009 , 66, 642-8	120
1199	Bcl-2 polymorphism influences gray matter volume in the ventral striatum in healthy humans. 2009 , 66, 804-7	23
1198	Mapping grey matter reductions in schizophrenia: an anatomical likelihood estimation analysis of voxel-based morphometry studies. 2009 , 108, 104-13	276
1197	Reduced white matter integrity correlated with cortico-subcortical gray matter deficits in schizophrenia. 2009 , 111, 78-85	33
1196	The effect of ageing on grey and white matter reductions in schizophrenia. 2009 , 112, 7-13	35
1195	Cognitive performance is related to cortical grey matter volumes in early stages of schizophrenia: a population-based study of first-episode psychosis. 2009 , 113, 200-9	38
1194	Functional and structural brain correlates of theory of mind and empathy deficits in schizophrenia. 2009 , 114, 154-60	121
1193	Brain volumetry counterparts of cognitive impairment in patients with multiple sclerosis. 2009 , 282, 120-4	22
1192	Fractal dimension analysis of grey matter in multiple sclerosis. 2009 , 282, 67-71	57
1191	Deep gray matter atrophy in multiple sclerosis: a tensor based morphometry. 2009 , 282, 39-46	72
1190	Voxel-wise assessment of progression of regional brain atrophy in relapsing-remitting multiple sclerosis. 2009 , 282, 55-60	56
1189	Connecting white matter injury and thalamic atrophy in clinically isolated syndromes. 2009 , 282, 61-6	101
1188	Brain structural changes in essential tremor: voxel-based morphometry at 3-Tesla. 2009 , 287, 138-42	124
1187	Is activity regulation of late myelination a plastic mechanism in the human nervous system?. 2009 , 5, 29-34	53

1186	The Italian Brain Normative Archive of structural MR scans: norms for medial temporal atrophy and white matter lesions. 2009 , 21, 266-76		28
1185	Caloric restriction delays disease onset and mortality in rhesus monkeys. 2009 , 325, 201-4		1708
1184	Voxel-based morphometry: an automated technique for assessing structural changes in the brain. 2009 , 29, 9661-4		204
1183	Cross-subject Comparison of Local Diffusion MRI Parameters. 2009 , 147-174		1
1182	Neuronal correlates of brain-derived neurotrophic factor Val66Met polymorphism and morphometric abnormalities in bipolar disorder. 2009 , 34, 1904-13		92
1181	Brain shape homologous modeling using sulcal-distribution index in MR images. 2009 ,		1
1180	Anatomical abnormalities of the anterior cingulate cortex in schizophrenia: bridging the gap between neuroimaging and neuropathology. 2009 , 35, 973-93		177
1179	Age-related neural activity during allocentric spatial memory. 2009 , 17, 125-43		91
1178	Threshold-free cluster enhancement: addressing problems of smoothing, threshold dependence and localisation in cluster inference. <i>NeuroImage</i> , 2009 , 44, 83-98	7.9	3377
1177	Joint source based morphometry identifies linked gray and white matter group differences. <i>NeuroImage</i> , 2009 , 44, 777-89	7.9	54
1176	Voxel-based iterative sensitivity (VBIS) analysis: methods and a validation of intensity scaling for T2-weighted imaging of hippocampal sclerosis. <i>NeuroImage</i> , 2009 , 44, 812-9	7.9	18
1175	Association of regional gray matter volume loss and progression of white matter lesions in multiple sclerosis - A longitudinal voxel-based morphometry study. <i>NeuroImage</i> , 2009 , 45, 60-7	7.9	72
1174	Regional white matter volume differences in nondemented aging and Alzheimer's disease. <i>NeuroImage</i> , 2009 , 44, 1247-58	7.9	225
1173	Hybrid FMT-CT imaging of amyloid-beta plaques in a murine Alzheimer's disease model. <i>NeuroImage</i> , 2009 , 44, 1304-11	7.9	125
1172	A population-average MRI-based atlas collection of the rhesus macaque. <i>NeuroImage</i> , 2009 , 45, 52-9	7.9	189
1171	Impact of interacting functional variants in COMT on regional gray matter volume in human brain. <i>NeuroImage</i> , 2009 , 45, 44-51	7.9	109
1170	Reduced volume of Heschl's gyrus in tinnitus. <i>NeuroImage</i> , 2009 , 45, 927-39	7.9	97
1169	A comparison of morphometric techniques for studying the shape of the corpus callosum in adolescent idiopathic scoliosis. <i>NeuroImage</i> , 2009 , 45, 738-48	7.9	21

1168	Atlas-based whole brain white matter analysis using large deformation diffeomorphic metric mapping: application to normal elderly and Alzheimer's disease participants. <i>NeuroImage</i> , 2009 , 46, 486-499	7.9	354
1167	Alzheimer's disease neuroimaging initiative: a one-year follow up study using tensor-based morphometry correlating degenerative rates, biomarkers and cognition. <i>NeuroImage</i> , 2009 , 45, 645-55	7.9	137
1166	Cerebral morphology and dopamine D2/D3 receptor distribution in humans: a combined [18F]fallypride and voxel-based morphometry study. <i>NeuroImage</i> , 2009 , 46, 31-8	7.9	58
1165	Structural brain changes in tinnitus: grey matter decrease in auditory and non-auditory brain areas. <i>NeuroImage</i> , 2009 , 46, 213-8	7.9	201
1164	Mapping correlations between ventricular expansion and CSF amyloid and tau biomarkers in 240 subjects with Alzheimer's disease, mild cognitive impairment and elderly controls. <i>NeuroImage</i> , 2009 , 46, 394-410	7.9	87
1163	The impact of aging and gender on brain viscoelasticity. <i>NeuroImage</i> , 2009 , 46, 652-7	7.9	282
1162	Reduced prefrontal cortical gray matter volume in young adults exposed to harsh corporal punishment. <i>NeuroImage</i> , 2009 , 47 Suppl 2, T66-71	7.9	206
1161	In vivo evidence for the selective subcortical degeneration in Huntington's disease. <i>NeuroImage</i> , 2009 , 46, 958-66	7.9	165
1160	Morphological alterations in the congenital blind based on the analysis of cortical thickness and surface area. <i>NeuroImage</i> , 2009 , 47, 98-106	7.9	165
1159	Linking functional and structural brain images with multivariate network analyses: a novel application of the partial least square method. <i>NeuroImage</i> , 2009 , 47, 602-10	7.9	55
1158	Brain pathways of verbal working memory: a lesion-function correlation study. <i>NeuroImage</i> , 2009 , 47, 773-8	7.9	39
1157	Memory performance correlates with gray matter density in the ento-/perirhinal cortex and posterior hippocampus in patients with mild cognitive impairment and healthy controls--a voxel based morphometry study. <i>NeuroImage</i> , 2009 , 47, 1914-20	7.9	65
1156	Vulnerability to simple faints is predicted by regional differences in brain anatomy. <i>NeuroImage</i> , 2009 , 47, 937-45	7.9	31
1155	Functional but not structural changes associated with learning: an exploration of longitudinal voxel-based morphometry (VBM). <i>NeuroImage</i> , 2009 , 48, 117-25	7.9	77
1154	Ipsilateral coordination at preferred rate: effects of age, body side and task complexity. <i>NeuroImage</i> , 2009 , 47, 1854-62	7.9	37
1153	Aging of subcortical nuclei: microstructural, mineralization and atrophy modifications measured in vivo using MRI. <i>NeuroImage</i> , 2009 , 48, 29-36	7.9	138
1152	A comparison between voxel-based cortical thickness and voxel-based morphometry in normal aging. <i>NeuroImage</i> , 2009 , 48, 371-80	7.9	420
1151	Age-associated alterations in cortical gray and white matter signal intensity and gray to white matter contrast. <i>NeuroImage</i> , 2009 , 48, 21-8	7.9	197

1150	Optimizing power to track brain degeneration in Alzheimer's disease and mild cognitive impairment with tensor-based morphometry: an ADNI study of 515 subjects. <i>NeuroImage</i> , 2009 , 48, 668-679	110
1149	Changes in gray matter density in fibromyalgia: correlation with dopamine metabolism. 2009 , 10, 609-18	84
1148	Source-based morphometry: the use of independent component analysis to identify gray matter differences with application to schizophrenia. 2009 , 30, 711-24	236
1147	Magnetic resonance imaging studies in early onset bipolar disorder: an updated review. 2009 , 18, 421-39, ix-x	22
1146	Cardiorespiratory fitness and preserved medial temporal lobe volume in Alzheimer disease. 2009 , 23, 188-97	162
1145	Alterations of white matter diffusion anisotropy in early deafness. 2009 , 20, 1032-6	54
1144	Patients with pain disorder show gray-matter loss in pain-processing structures: a voxel-based morphometric study. 2009 , 71, 49-56	122
1143	Confabulations on episodic and semantic memory questions are associated with different neurologic backgrounds in Alzheimer disease. 2009 , 22, 81-8	17
1142	Frontotemporal dementia selectively impairs transitive reasoning about familiar spatial environments. 2009 , 23, 619-26	5
1141	The effects of aging on memory for sequentially presented objects in rats. 2009 , 123, 1339-45	12
1140	A Systems Approach to the Aging Brain: Neuroanatomic Changes, Their Modifiers, and Cognitive Correlates. 2009 , 43-70	27
1139	Effect of age at onset of schizophrenia on white matter abnormalities. 2009 , 195, 346-53	60
1138	Development of cortical asymmetry in typically developing children and its disruption in attention-deficit/hyperactivity disorder. 2009 , 66, 888-96	168
1137	The effects of antipsychotics on the brain: what have we learnt from structural imaging of schizophrenia?--a systematic review. 2009 , 15, 2535-49	182
1136	Neural correlates of anxiety in healthy volunteers: a voxel-based morphometry study. 2009 , 21, 199-205	71
1135	Mapping gray matter volume and cortical thickness in Alzheimer's disease. 2010 ,	
1134	Predictive modeling of neuroanatomic structures for brain atrophy detection. 2010 ,	
1133	Voxel-based morphometry in patients with cryptogenic occipital epilepsies. Preliminary data. 2010 , 23, 28-34	

1132	A morphometric analysis of neuroanatomic abnormalities in traumatic brain injury. 2010 , 22, 173-81	11
1131	Gray matter in amnesic mild cognitive impairment: voxel-based morphometry. 2010 , 21, 259-63	13
1130	Decreased hippocampal volume in healthy girls at risk of depression. 2010 , 67, 270-6	157
1129	In vivo structural neuroanatomy of corpus callosum in Alzheimer's disease and mild cognitive impairment using different MRI techniques: a review. 2010 , 20, 67-95	104
1128	Grey and white matter changes at different stages of Alzheimer's disease. 2010 , 19, 147-59	111
1127	Neuroimaging through the course of Alzheimer's disease. 2010 , 19, 273-90	17
1126	Development of auditory phase-locked activity for music sounds. 2010 , 103, 218-29	38
1125	The plasticity of human maternal brain: longitudinal changes in brain anatomy during the early postpartum period. 2010 , 124, 695-700	373
1124	Altered brain activation during a verbal working memory task in subjects with amnesic mild cognitive impairment. 2010 , 21, 103-18	76
1123	Reduced brain gray matter concentration in patients with obstructive sleep apnea syndrome. 2010 , 33, 235-41	148
1122	The amnesic syndrome of hippocampal type in Alzheimer's disease: an MRI study. 2010 , 22, 285-94	114
1121	Mapping brain morphological and functional conversion patterns in amnesic MCI: a voxel-based MRI and FDG-PET study. 2010 , 37, 36-45	82
1120	Preliminary evidence for brain complications in obese adolescents with type 2 diabetes mellitus. 2010 , 53, 2298-306	127
1119	With time on our side? Task-dependent compensatory processes in graceful aging. 2010 , 205, 307-24	29
1118	An enhanced voxel-based morphometry method to investigate structural changes: application to Alzheimer's disease. 2010 , 52, 203-13	13
1117	Detection of changes in cerebrospinal fluid space in idiopathic normal pressure hydrocephalus using voxel-based morphometry. 2010 , 52, 381-6	31
1116	Age-related changes in regional brain volume evaluated by atlas-based method. 2010 , 52, 865-73	30
1115	Computational analysis of cerebral cortex. 2010 , 52, 691-8	29

1114	Voxel-based analysis of the diffusion tensor. 2010 , 52, 699-710	53
1113	Central nervous system changes in pediatric heart failure: a volumetric study. 2010 , 31, 969-76	20
1112	Aging effects on cerebral asymmetry: a voxel-based morphometry and diffusion tensor imaging study. 2010 , 28, 65-9	18
1111	Modeling brain tissue volumes over the lifespan: quantitative analysis of postmortem weights and in vivo MR images. 2010 , 28, 716-20	7
1110	Motor control and aging: links to age-related brain structural, functional, and biochemical effects. 2010 , 34, 721-33	912
1109	Neuroimaging supports central pathology in familial dysautonomia. 2010 , 257, 198-206	22
1108	Lack of specific gray matter alterations in restless legs syndrome in elderly subjects. 2010 , 257, 344-8	39
1107	Fast and accurate registration techniques for affine and nonrigid alignment of MR brain images. 2010 , 38, 138-57	10
1106	[The window into headache research : what have we learned from functional and structural neuroimaging]. 2010 , 24, 130-6	4
1105	Structural changes associated with progression of motor deficits in spinocerebellar ataxia 17. 2010 , 9, 210-7	29
1104	Potential hippocampal region atrophy in diabetes mellitus type 2: a voxel-based morphometry VSRAD study. 2010 , 28, 266-72	34
1103	Neuroimaging of psychopathy and antisocial behavior: a targeted review. 2010 , 12, 76-82	174
1102	Concordance and discordance between brain perfusion and atrophy in frontotemporal dementia. 2010 , 4, 46-54	24
1101	Cognitive reserve and brain volumes in pediatric acute lymphoblastic leukemia. 2010 , 4, 256-69	56
1100	White matter microstructure in 22q11 deletion syndrome: a pilot diffusion tensor imaging and voxel-based morphometry study of children and adolescents. 2010 , 2, 77-92	37
1099	Gray matter reduction associated with systemic chemotherapy for breast cancer: a prospective MRI study. 2010 , 123, 819-28	221
1098	Changes in regional brain volumes in social anxiety disorder following 12 weeks of treatment with escitalopram. 2010 , 25, 369-74	19
1097	MR diffusion tensor imaging: a window into white matter integrity of the working brain. 2010 , 20, 209-25	169

1096	Gray matter density in limbic and paralimbic cortices is associated with trauma load and EMDR outcome in PTSD patients. 2010 , 44, 477-85	109
1095	Interaction of childhood stress with hippocampus and prefrontal cortex volume reduction in major depression. 2010 , 44, 799-807	227
1094	The cognitive and neural expression of semantic memory impairment in mild cognitive impairment and early Alzheimer's disease. 2010 , 48, 978-88	132
1093	Developmental topographical disorientation in a healthy subject. 2010 , 48, 1563-73	87
1092	Differential age-related decline in conflict-driven task-set shielding from emotional versus non-emotional distracters. 2010 , 48, 1697-706	28
1091	Brain morphological changes associated with cyclic menstrual pain. 2010 , 150, 462-468	118
1090	Cannabis use and callosal white matter structure and integrity in recent-onset schizophrenia. 2010 , 181, 51-6	48
1089	Cocaine addiction: diffusion tensor imaging study of the inferior frontal and anterior cingulate white matter. 2010 , 181, 57-63	82
1088	Grey matter volume reductions in the emotion network of patients with depression and coronary artery disease. 2010 , 181, 9-14	15
1087	Voxel-based analyses of gray/white matter volume and diffusion tensor data in major depression. 2010 , 181, 64-70	154
1086	Behavioral performance predicts grey matter reductions in the right inferior frontal gyrus in young adults with combined type ADHD. 2010 , 182, 231-7	54
1085	Gray matter volume differences specific to formal thought disorder in schizophrenia. 2010 , 182, 183-6	46
1084	Volume reduction of the corpus callosum and its relationship with deficits in interhemispheric transfer of information in recent-onset psychosis. 2010 , 184, 1-9	16
1083	Regional gray and white matter volume abnormalities in obsessive-compulsive disorder: a voxel-based morphometry study. 2010 , 184, 29-37	61
1082	Magnetic resonance imaging of cerebral involutinal changes in dogs as markers of aging: an innovative tool adapted from a human visual rating scale. 2010 , 186, 166-71	19
1081	Multi-parametric neuroimaging evaluation of cerebrotendinous xanthomatosis and its correlation with neuropsychological presentations. 2010 , 10, 59	21
1080	Gray matter correlates of cognitive ability tests used for vocational guidance. 2010 , 3, 206	10
1079	Exploring the knowledge contained in neuroimages: statistical discriminant analysis and automatic segmentation of the most significant changes. 2010 , 49, 105-15	4

1078	Human parietal cortex structure predicts individual differences in perceptual rivalry. 2010 , 20, 1626-30	168
1077	Bilateral brain regions associated with naming in older adults. 2010 , 113, 113-23	53
1076	Aerobic fitness is associated with gray matter volume and white matter integrity in multiple sclerosis. 2010 , 1341, 41-51	152
1075	Effect of immunomodulatory medication on regional gray matter loss in relapsing-remitting multiple sclerosis--a longitudinal MRI study. 2010 , 1325, 174-82	30
1074	Cerebral and functional adaptation with chronic hypoxia exposure: a multi-modal MRI study. 2010 , 1348, 21-9	31
1073	Sexual dimorphism and asymmetry in human cerebellum: an MRI-based morphometric study. 2010 , 1353, 60-73	53
1072	Prefrontal-temporal gray matter deficits in bipolar disorder patients with persecutory delusions. 2010 , 120, 54-61	47
1071	Metabolismo talámico y situaci3n neurol3gica tras un traumatismo craneoencefálico. Estudio mediante PET-FDG y morfometr3a basada en v3xel. 2010 , 25, 174-180	5
1070	Sex dimorphism in gray/white matter volume and diffusion tensor during normal aging. 2010 , 23, 446-58	27
1069	Spatiotemporal distribution pattern of white matter lesion volumes and their association with regional grey matter volume reductions in relapsing-remitting multiple sclerosis. 2010 , 31, 1542-55	35
1068	Abnormal water diffusivity in corticostriatal projections in children with Tourette syndrome. 2010 , 31, 1665-74	27
1067	Patterns of cortical degeneration in an elderly cohort with cerebral small vessel disease. 2010 , 31, 1983-92	23
1066	Structural and functional plasticity of the hippocampal formation in professional dancers and slackliners. 2011 , 21, 855-65	72
1065	Brain-derived neurotrophic factor val66met polymorphism and hippocampal activation during episodic encoding and retrieval tasks. 2011 , 21, 980-9	38
1064	Computer-based morphometry of brain. 2010 , 20, 117-125	1
1063	Diurnal stability of gamma-aminobutyric acid concentration in visual and sensorimotor cortex. 2010 , 31, 204-9	97
1062	Quantitative analysis in clinical applications of brain MRI using independent component analysis coupled with support vector machine. 2010 , 32, 24-34	15
1061	Real-time visualization of altered gastric motility by magnetic resonance imaging in patients with Parkinson's disease. 2010 , 25, 623-8	28

1060	A comparison of gray and white matter density in patients with Parkinson's disease dementia and dementia with Lewy bodies using voxel-based morphometry. 2010 , 25, 28-34	47
1059	Gray matter correlations of cognition in incident Parkinson's disease. 2010 , 25, 629-33	52
1058	Carisbamate in essential tremor: brief report of a proof of concept study. 2010 , 25, 634-8	15
1057	Impulsive-compulsive spectrum behaviors in pathologically confirmed progressive supranuclear palsy. 2010 , 25, 638-42	30
1056	Incidental Lewy body disease: clinical comparison to a control cohort. 2010 , 25, 642-6	89
1055	Transcranial brain sonography in Parkinson's disease with restless legs syndrome. 2010 , 25, 1373-8	27
1054	Callosal tissue loss in multiple system atrophy--a one-year follow-up study. 2010 , 25, 2613-20	20
1053	Human brain atlas-based volumetry and relaxometry: application to healthy development and natural aging. 2010 , 64, 1382-9	39
1052	Study-specific EPI template improves group analysis in functional MRI of young and older adults. 2010 , 189, 257-66	48
1051	Voxel-based morphometry of sporadic epileptic patients with mesiotemporal sclerosis. 2010 , 51, 506-10	40
1050	An optimized voxel-based morphometric study of gray matter changes in patients with left-sided and right-sided mesial temporal lobe epilepsy and hippocampal sclerosis (MTLE/HS). 2010 , 51, 511-8	53
1049	Quantitative MRI techniques in MTLE: toward a better understanding of hippocampal sclerosis. 2010 , 51 Suppl 1, 76-9	2
1048	Brain volume and survival from age 78 to 85: the contribution of Alzheimer-type magnetic resonance imaging findings. 2010 , 58, 688-95	14
1047	Temporal lobe grey matter volume in schizophrenia is associated with a genetic polymorphism influencing glycogen synthase kinase 3- β activity. 2010 , 9, 365-71	46
1046	Structural correlates of functional language dominance: a voxel-based morphometry study. 2010 , 20, 148-156	13
1045	Manic episodes are associated with grey matter volume reduction - a voxel-based morphometry brain analysis. 2010 , 122, 507-15	71
1044	Topography of homeostatic sleep pressure dissipation across the night in young and middle-aged men and women. 2010 , 19, 455-65	24
1043	Medial prefrontal cortex pathology in schizophrenia as revealed by convergent findings from multimodal imaging. 2010 , 15, 823-30	142

1042	Posterior orbitofrontal sulcogyral pattern associated with orbitofrontal cortex volume reduction and anxiety trait in panic disorder. 2010 , 64, 318-26	53
1041	Reduced gray matter volume of dorsal cingulate cortex in patients with obsessive-compulsive disorder: a voxel-based morphometric study. 2010 , 64, 541-7	26
1040	Structural and functional neuroimaging throughout the lifespan. 69-82	2
1039	Diffusion tensor imaging findings in preterm and low birth weight populations. 97-112	1
1038	Structural imaging of other anxiety disorders. 274-287	
1037	Structural imaging of substance abuse. 403-428	1
1036	Age-related changes in processing speed: unique contributions of cerebellar and prefrontal cortex. 2010 , 4, 10	104
1035	A cognitive training intervention increases resting cerebral blood flow in healthy older adults. 2010 , 4, 16	93
1034	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. 2010 , 4,	341
1033	Joint effect of white matter lesions and hippocampal volumes on severity of cognitive decline: the 3C-Dijon MRI study. 2010 , 20, 453-63	78
1032	Cortical thickness and subcortical gray matter reductions in neuropsychiatric systemic lupus erythematosus. 2010 , 5, e9302	40
1031	Gray, white matter concentration changes and their correlation with heterotopic neurons in temporal lobe epilepsy. 2010 , 11, 25-36	3
1030	Morphometric brain changes during aging: Results from a Brazilian necropsy sample. 2010 , 4, 332-337	2
1029	Memory encoding and dopamine in the aging brain: a psychopharmacological neuroimaging study. 2010 , 20, 743-57	42
1028	The elderly as a sensitive population in environmental exposures: making the case. 2010 , 207, 95-157	24
1027	Stress reduction correlates with structural changes in the amygdala. 2010 , 5, 11-7	395
1026	Decreased gray matter concentration in the lateral geniculate nuclei in human amblyopes. 2010 , 51, 1432-8	69
1025	Preserving syntactic processing across the adult life span: the modulation of the frontotemporal language system in the context of age-related atrophy. 2010 , 20, 352-64	153

1024	Regional brain volume in depression and anxiety disorders. 2010 , 67, 1002-11	266
1023	Cranial volume, mild cognitive deficits, and functional limitations associated with diabetes in a community sample. 2010 , 25, 49-59	28
1022	Multiparametric MR investigation of the motor pyramidal system in patients with 'truly benign' multiple sclerosis. 2010 , 16, 178-88	11
1021	Cortical and subcortical abnormalities in late-onset depression with history of suicide attempts investigated with MRI and voxel-based morphometry. 2010 , 23, 171-84	138
1020	Regional distribution and clinical correlates of white matter structural damage in Huntington disease: a tract-based spatial statistics study. 2010 , 31, 1675-81	78
1019	Measurement of gray and white matter atrophy in dementia with Lewy bodies using diffeomorphic anatomic registration through exponentiated lie algebra: A comparison with conventional voxel-based morphometry. 2010 , 31, 1873-8	47
1018	Progressive gray matter atrophy in lacunar patients with vascular mild cognitive impairment. 2010 , 30, 157-66	42
1017	Reduction in left supplementary motor area grey matter in adult female fibromyalgia sufferers with marked fatigue and without affective disorder: a pilot controlled 3-T magnetic resonance imaging voxel-based morphometry study. 2010 , 38, 1468-72	18
1016	Mild traumatic brain injury: is diffusion imaging ready for primetime in forensic medicine?. 2010 , 21, 379-86	22
1015	Reduction of basal forebrain cholinergic system parallels cognitive impairment in patients at high risk of developing Alzheimer's disease. 2010 , 20, 1685-95	148
1014	Learning, retrieval, and recognition are compromised in aMCI and mild AD: are distinct episodic memory processes mediated by the same anatomical structures?. 2010 , 16, 205-9	33
1013	Schizotypy and brain structure: a voxel-based morphometry study. 2010 , 40, 1423-31	72
1012	Clinical and anatomical heterogeneity in autistic spectrum disorder: a structural MRI study. 2010 , 40, 1171-81	86
1011	Neuroanatomical correlates of psychosis in temporal lobe epilepsy: voxel-based morphometry study. 2010 , 197, 482-92	26
1010	Age-dependent differences in the neural mechanisms supporting long-term declarative memories. 2010 , 25, 383-95	22
1009	White matter in aging and cognition: a cross-sectional study of microstructure in adults aged eighteen to eighty-three. 2010 , 35, 257-77	114
1008	Volumetric and voxel-based morphometry findings in autism subjects with and without macrocephaly. 2010 , 35, 278-95	29
1007	Atrophy mainly affects the limbic system and the deep grey matter at the first stage of multiple sclerosis. 2010 , 81, 690-5	121

1006	A schizophrenia risk gene, ZNF804A, influences neuroanatomical and neurocognitive phenotypes. 2010 , 35, 2284-91	78
1005	Divergent network connectivity changes in behavioural variant frontotemporal dementia and Alzheimer's disease. 2010 , 133, 1352-67	707
1004	A multimodal assessment of the genetic control over working memory. 2010 , 30, 8197-202	61
1003	Genetic variation in FGF20 modulates hippocampal biology. 2010 , 30, 5992-7	21
1002	Genetic control over the resting brain. 2010 , 107, 1223-8	362
1001	Clinically isolated syndrome suggestive of multiple sclerosis: voxelwise regional investigation of white and gray matter. 2010 , 254, 227-34	66
1000	Genetic and environmental influences on focal brain density in bipolar disorder. 2010 , 133, 3080-92	41
999	Abnormal cortical networks in mild cognitive impairment and Alzheimer's disease. 2010 , 6, e1001006	312
998	Longitudinal study of carbon monoxide intoxication by diffusion tensor imaging with neuropsychiatric correlation. 2010 , 35, 115-25	33
997	Neuroanatomical correlates of psychopathology in antipsychotic-naïve schizophrenia. 2010 , 52, 28-36	17
996	Orbitofrontal volume reductions during emotion recognition in patients with major depression. 2010 , 35, 311-20	80
995	Reduced basal ganglia function when elderly switch between coordinated movement patterns. 2010 , 20, 2368-79	67
994	Neuroanatomic basis of amnesic MCI differs in patients with and without Parkinson disease. 2010 , 75, 2009-16	38
993	Reduced occipital and prefrontal brain volumes in dysbindin-associated schizophrenia. 2010 , 35, 368-73	25
992	Laterobasal amygdalar enlargement in 6- to 7-year-old children with autism spectrum disorder. 2010 , 67, 1187-97	65
991	A voxel-based morphometry study of disease severity correlates in relapsing-- remitting multiple sclerosis. 2010 , 16, 45-54	37
990	Larger temporal volume in elderly with high versus low beta-amyloid deposition. 2010 , 133, 3349-58	111
989	Surface shape analysis with an application to brain surface asymmetry in schizophrenia. 2010 , 11, 609-30	8

988	Detection of small human cerebral cortical lesions with MRI under different levels of Gaussian smoothing: applications in epilepsy. 2010,	
987	Word retrieval failures in old age: the relationship between structure and function. 2010, 22, 1530-40	66
986	White matter integrity and cognitive impairment in first-episode psychosis. 2010, 167, 451-8	117
985	Atrophic enlargement of CSF volume after subarachnoid hemorrhage: correlation with neuropsychological outcome. 2010, 31, 370-6	52
984	Normal aging in the basal ganglia evaluated by eigenvalues of diffusion tensor imaging. 2010, 31, 516-20	39
983	Pitfalls in the use of voxel-based morphometry as a biomarker: examples from huntington disease. 2010, 31, 711-9	82
982	The impact of sex and vascular risk factors on brain tissue changes with aging: magnetization transfer imaging results of the Austrian stroke prevention study. 2010, 31, 1297-301	23
981	When, where, and how the corpus callosum changes in MCI and AD: a multimodal MRI study. 2010, 74, 1136-42	121
980	High-field magnetic resonance imaging of suicidality in patients with major depressive disorder. 2010, 167, 1381-90	99
979	Voxel-based morphometry and epilepsy. 2010, 10, 975-84	26
978	Sexual dimorphism in the parietal substrate associated with visuospatial cognition independent of general intelligence. 2010, 22, 139-55	70
977	Heritable variations in gray matter concentration as a potential endophenotype for psychopathic traits. 2010, 67, 406-13	36
976	Physical activity predicts gray matter volume in late adulthood: the Cardiovascular Health Study. 2010, 75, 1415-22	340
975	Gray matter perfusion correlates with disease severity in ALS. 2010, 74, 821-7	63
974	Childhood stress, serotonin transporter gene and brain structures in major depression. 2010, 35, 1383-90	157
973	Changes of brain morphometry in first-episode, drug-naïve, non-late-life adult patients with major depression: an optimized voxel-based morphometry study. 2010, 67, 186-8	118
972	Regional gray matter volume in monozygotic twins concordant and discordant for schizophrenia. 2010, 67, 956-64	69
971	Voxelwise meta-analysis of gray matter abnormalities in bipolar disorder. 2010, 67, 1097-105	307

970	Genetic associations of brain structural networks in schizophrenia: a preliminary study. 2010 , 68, 657-66		37
969	Gray and white matter volumetric and diffusion tensor imaging (DTI) analyses in the early stage of first-episode schizophrenia. 2010 , 116, 196-203		57
968	Global and local morphometric differences in recently abstinent methamphetamine-dependent individuals. <i>NeuroImage</i> , 2010 , 50, 1392-401	7.9	129
967	When does brain aging accelerate? Dangers of quadratic fits in cross-sectional studies. <i>NeuroImage</i> , 2010 , 50, 1376-83	7.9	177
966	The effects of age and sex on cortical sulci in the elderly. <i>NeuroImage</i> , 2010 , 51, 19-27	7.9	59
965	The dopamine system in idiopathic generalized epilepsies: identification of syndrome-related changes. <i>NeuroImage</i> , 2010 , 51, 606-15	7.9	38
964	Tensor-based morphometry with stationary velocity field diffeomorphic registration: application to ADNI. <i>NeuroImage</i> , 2010 , 51, 956-69	7.9	21
963	Regional gray matter volume of dopaminergic system associate with creativity: evidence from voxel-based morphometry. <i>NeuroImage</i> , 2010 , 51, 578-85	7.9	194
962	Age-related changes in grey and white matter structure throughout adulthood. <i>NeuroImage</i> , 2010 , 51, 943-51	7.9	336
961	Age-related changes in neural volume and microstructure associated with interleukin-6 are ameliorated by a calorie-restricted diet in old rhesus monkeys. <i>NeuroImage</i> , 2010 , 51, 987-94	7.9	46
960	Differentiating maturational and aging-related changes of the cerebral cortex by use of thickness and signal intensity. <i>NeuroImage</i> , 2010 , 52, 172-85	7.9	124
959	Age-related regional variations of the corpus callosum identified by diffusion tensor tractography. <i>NeuroImage</i> , 2010 , 52, 20-31	7.9	146
958	Development of functional and structural connectivity within the default mode network in young children. <i>NeuroImage</i> , 2010 , 52, 290-301	7.9	381
957	White matter neuroplastic changes in long-term trained players of the game of "Baduk" (GO): a voxel-based diffusion-tensor imaging study. <i>NeuroImage</i> , 2010 , 52, 9-19	7.9	70
956	Atlas-based analysis of neurodevelopment from infancy to adulthood using diffusion tensor imaging and applications for automated abnormality detection. <i>NeuroImage</i> , 2010 , 52, 415-28	7.9	132
955	Longitudinal changes in cortical thickness associated with normal aging. <i>NeuroImage</i> , 2010 , 52, 1215-23	7.9	220
954	Phospholipase A2 activity is associated with structural brain changes in schizophrenia. <i>NeuroImage</i> , 2010 , 52, 1314-27	7.9	32
953	Selective effects of aging on brain white matter microstructure: a diffusion tensor imaging tractography study. <i>NeuroImage</i> , 2010 , 52, 1190-201	7.9	113

952	Gender consistency and difference in healthy adults revealed by cortical thickness. <i>NeuroImage</i> , 2010 , 53, 373-82	7.9	75
951	An optimised tract-based spatial statistics protocol for neonates: applications to prematurity and chronic lung disease. <i>NeuroImage</i> , 2010 , 53, 94-102	7.9	137
950	Differential effect of age on hippocampal subfields assessed using a new high-resolution 3T MR sequence. <i>NeuroImage</i> , 2010 , 53, 506-14	7.9	122
949	Head size, age and gender adjustment in MRI studies: a necessary nuisance?. <i>NeuroImage</i> , 2010 , 53, 1244-55	7.9	313
948	Discovering genetic associations with high-dimensional neuroimaging phenotypes: A sparse reduced-rank regression approach. <i>NeuroImage</i> , 2010 , 53, 1147-59	7.9	154
947	Thalamic metabolism and neurological outcome after traumatic brain injury. A voxel-based morphometric FDG-PET study. 2010 , 25, 174-180		2
946	Connected speech production in three variants of primary progressive aphasia. 2010 , 133, 2069-88		329
945	Voxel-based assessment of gray and white matter volumes in Alzheimer's disease. 2010 , 468, 146-50		99
944	White matter microstructure of the cingulum and cerebellar peduncle is related to sustained attention and working memory: a diffusion tensor imaging study. 2010 , 477, 72-6		54
943	Developmental changes in cerebral grey and white matter volume from infancy to adulthood. 2010 , 28, 481-9		84
942	Amygdalar enlargement associated with unique perception. 2010 , 46, 94-9		25
941	Altered effective connectivity and anomalous anatomy in the basal ganglia-thalamocortical circuit of stuttering speakers. 2010 , 46, 49-67		108
940	Effect of cocaine on structural changes in brain: MRI volumetry using tensor-based morphometry. 2010 , 111, 191-9		31
939	Diminished gray matter in the hippocampus of cannabis users: possible protective effects of cannabidiol. 2011 , 114, 242-5		110
938	Sex differences in the adolescent brain. 2010 , 72, 46-55		323
937	Reduced motor cortex plasticity following inhibitory rTMS in older adults. 2010 , 121, 441-7		70
936	The effects of healthy aging on auditory processing in humans as indexed by transient brain responses. 2010 , 121, 902-11		16
935	Subthalamic and red nucleus volumes in patients with Parkinson's disease: do they change with disease progression?. 2010 , 16, 398-403		33

934	A pilot study of brain activation in children with trichotillomania during a visual-tactile symptom provocation task: a functional magnetic resonance imaging study. 2010 , 34, 1250-8		21
933	Effects of aging on functional connectivity of the amygdala during negative evaluation: a network analysis of fMRI data. 2010 , 31, 315-27		125
932	Quantitative fiber tracking of lateral and interhemispheric white matter systems in normal aging: relations to timed performance. 2010 , 31, 464-81		248
931	Age-related differences in pain sensitivity and regional brain activity evoked by noxious pressure. 2010 , 31, 494-503		117
930	The val158met COMT polymorphism's effect on atrophy in healthy aging and Parkinson's disease. 2010 , 31, 1064-8		33
929	Distinctive alterations of the cingulum bundle during aging and Alzheimer's disease. 2010 , 31, 1582-92		51
928	Cognition in healthy aging is related to regional white matter integrity, but not cortical thickness. 2010 , 31, 1912-26		128
927	Longitudinal MRI atrophy biomarkers: relationship to conversion in the ADNI cohort. 2010 , 31, 1401-18		188
926	Rhesus macaque brain morphometry: a methodological comparison of voxel-wise approaches. 2010 , 50, 157-65		61
925	Neural basis of individual differences in synesthetic experiences. 2010 , 30, 6205-13		117
924	Temporal lobe functional activity and connectivity in young adult APOE varepsilon4 carriers. 2010 , 6, 303-11		149
923	Brain volumes and cerebrovascular lesions on MRI in patients with atherosclerotic disease. The SMART-MR study. 2010 , 210, 130-6		85
922	White matter defects in first episode psychosis patients: a voxelwise analysis of diffusion tensor imaging. <i>NeuroImage</i> , 2010 , 49, 199-204	7.9	83
921	Brain pathology in first-episode psychosis: magnetization transfer imaging provides additional information to MRI measurements of volume loss. <i>NeuroImage</i> , 2010 , 49, 185-92	7.9	40
920	Fractal dimension analysis for quantifying cerebellar morphological change of multiple system atrophy of the cerebellar type (MSA-C). <i>NeuroImage</i> , 2010 , 49, 539-51	7.9	53
919	Callosal atrophy in mild cognitive impairment and Alzheimer's disease: different effects in different stages. <i>NeuroImage</i> , 2010 , 49, 141-9	7.9	81
918	Reduced serotonin transporter binding in the insular cortex in patients with obsessive-compulsive disorder: a [11C]DASB PET study. <i>NeuroImage</i> , 2010 , 49, 121-6	7.9	66
917	Reduced prefrontal and orbitofrontal gray matter in female adolescents with borderline personality disorder: is it disorder specific?. <i>NeuroImage</i> , 2010 , 49, 114-20	7.9	111

916	Longitudinal changes in grey and white matter during adolescence. <i>NeuroImage</i> , 2010 , 49, 94-103	7.9	302
915	Dynamic changes in white and gray matter volume are associated with outcome of surgical treatment in temporal lobe epilepsy. <i>NeuroImage</i> , 2010 , 49, 71-9	7.9	54
914	Microstructural white matter changes in normal aging: a diffusion tensor imaging study with higher-order polynomial regression models. <i>NeuroImage</i> , 2010 , 49, 32-43	7.9	80
913	Structural and functional brain correlates of subclinical psychotic symptoms in 11-13 year old schoolchildren. <i>NeuroImage</i> , 2010 , 49, 1875-85	7.9	109
912	Regional sex differences in grey matter volume are associated with sex hormones in the young adult human brain. <i>NeuroImage</i> , 2010 , 49, 1205-12	7.9	118
911	Age-related networks of regional covariance in MRI gray matter: reproducible multivariate patterns in healthy aging. <i>NeuroImage</i> , 2010 , 49, 1750-9	7.9	82
910	Distinct pattern of brain structural deficits in subsyndromes of schizophrenia delineated by psychopathology. <i>NeuroImage</i> , 2010 , 49, 1153-60	7.9	72
909	Longitudinal characterization of brain atrophy of a Huntington's disease mouse model by automated morphological analyses of magnetic resonance images. <i>NeuroImage</i> , 2010 , 49, 2340-51	7.9	72
908	Physical activity and memory functions: are neurotrophins and cerebral gray matter volume the missing link?. <i>NeuroImage</i> , 2010 , 49, 2756-63	7.9	177
907	A multiple-plane approach to measure the structural properties of functionally active regions in the human cortex. <i>NeuroImage</i> , 2010 , 49, 3075-85	7.9	7
906	Anomalous neural circuit function in schizophrenia during a virtual Morris water task. <i>NeuroImage</i> , 2010 , 49, 3373-84	7.9	57
905	Automated detection of brain atrophy patterns based on MRI for the prediction of Alzheimer's disease. <i>NeuroImage</i> , 2010 , 50, 162-74	7.9	230
904	Effects of aging on default mode network activity in resting state fMRI: does the method of analysis matter?. <i>NeuroImage</i> , 2010 , 51, 280-7	7.9	163
903	Cortical thickness or grey matter volume? The importance of selecting the phenotype for imaging genetics studies. <i>NeuroImage</i> , 2010 , 53, 1135-46	7.9	763
902	Effects of ApoE-epsilon4 allele load and age on the rates of grey matter and hippocampal volumes loss in a longitudinal cohort of 1186 healthy elderly persons. <i>NeuroImage</i> , 2010 , 53, 1064-9	7.9	67
901	Estimating the age of healthy subjects from T1-weighted MRI scans using kernel methods: exploring the influence of various parameters. <i>NeuroImage</i> , 2010 , 50, 883-92	7.9	424
900	Identifying population differences in whole-brain structural networks: a machine learning approach. <i>NeuroImage</i> , 2010 , 50, 910-9	7.9	76
899	Whole genome association study of brain-wide imaging phenotypes for identifying quantitative trait loci in MCI and AD: A study of the ADNI cohort. <i>NeuroImage</i> , 2010 , 53, 1051-63	7.9	266

898	Structural brain changes in aging: courses, causes and cognitive consequences. 2010 , 21, 187-221	503
897	Reviews of Environmental Contamination and Toxicology Volume 207. 2010 ,	
896	Atlas generation for subcortical and ventricular structures with its applications in shape analysis. 2010 , 19, 1539-47	40
895	Voxel-based statistical analysis of thalamic glucose metabolism in traumatic brain injury: relationship with consciousness and cognition. 2010 , 24, 1098-107	34
894	Compact review of structural and microstructural brain image analysis methods. 2010 ,	
893	Growing together and growing apart: regional and sex differences in the lifespan developmental trajectories of functional homotopy. 2010 , 30, 15034-43	464
892	Longitudinal study of callosal microstructure in the normal adult aging brain using quantitative DTI fiber tracking. 2010 , 35, 233-56	115
891	Scientometric Study of the Journal NeuroImage 1992-2009. 2010 ,	2
890	. 2011 ,	
889	The brain in myotonic dystrophy 1 and 2: evidence for a predominant white matter disease. 2011 , 134, 3530-46	162
888	Olfactory deficits and amyloid- β burden in Alzheimer's disease, mild cognitive impairment, and healthy aging: a PiB PET study. 2010 , 22, 1081-7	59
887	Microstructural alteration of the anterior cingulum is associated with apathy in Alzheimer disease. 2011 , 19, 644-53	51
886	Cross-sectional and longitudinal assessment of structural brain alterations in melancholic depression. 2011 , 69, 318-25	115
885	Gray matter alterations in adults with attention-deficit/hyperactivity disorder identified by voxel based morphometry. 2011 , 69, 857-66	116
884	Reduced interhemispheric resting state functional connectivity in cocaine addiction. 2011 , 69, 684-92	178
883	Diminished gray matter within the hypothalamus in autism disorder: a potential link to hormonal effects?. 2011 , 70, 278-82	36
882	Changes in gray matter volume and white matter microstructure in adolescents with obsessive-compulsive disorder. 2011 , 70, 1083-90	127
881	Multivariate searchlight classification of structural magnetic resonance imaging in children and adolescents with autism. 2011 , 70, 833-41	140

880	Theory of mind skills are related to gray matter volume in the ventromedial prefrontal cortex in schizophrenia. 2011 , 70, 1169-78		86
879	Normal Ageing. 2011 , 43-57		5
878	BDNF polymorphism predicts general intelligence after penetrating traumatic brain injury. 2011 , 6, e27389		58
877	Severer phenotype in Unverricht-Lundborg disease (EPM1) patients compound heterozygous for the dodecamer repeat expansion and the c.202C>T mutation in the CSTB gene. 2011 , 8, 515-22		18
876	Regional heterogeneity in limbic maturational changes: evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. <i>NeuroImage</i> , 2011 , 55, 868-79	7.9	49
875	Relationships between cognitive function and frontal grey matter volumes and thickness in middle aged and early old-aged adults: the PATH Through Life Study. <i>NeuroImage</i> , 2011 , 55, 845-55	7.9	22
874	Regional specificity of MRI contrast parameter changes in normal ageing revealed by voxel-based quantification (VBQ). <i>NeuroImage</i> , 2011 , 55, 1423-34	7.9	204
873	Gray matter density increase in the primary sensorimotor cortex in long-term essential blepharospasm. <i>NeuroImage</i> , 2011 , 56, 1-7	7.9	31
872	Gray matter alterations in visual cortex of patients with loss of central vision due to hereditary retinal dystrophies. <i>NeuroImage</i> , 2011 , 56, 1556-65	7.9	44
871	The structural neuroanatomy of music emotion recognition: evidence from frontotemporal lobar degeneration. <i>NeuroImage</i> , 2011 , 56, 1814-21	7.9	128
870	The correlation between white-matter microstructure and the complexity of spontaneous brain activity: a diffusion tensor imaging-MEG study. <i>NeuroImage</i> , 2011 , 57, 1300-7	7.9	23
869	Fronto-parietal hypo-activation during working memory independent of structural abnormalities: conjoint fMRI and sMRI analyses in adolescent offspring of schizophrenia patients. <i>NeuroImage</i> , 2011 , 58, 234-41	7.9	21
868	Age-related changes in the surface morphology of the central sulcus. <i>NeuroImage</i> , 2011 , 58, 381-90	7.9	18
867	Gender differences in partial-volume corrected brain perfusion using brain MRI in healthy children. <i>NeuroImage</i> , 2011 , 58, 709-15	7.9	16
866	Effect of Met66 allele of the BDNF rs6265 SNP on regional gray matter volumes in patients with multiple sclerosis: A voxel-based morphometry study. 2011 , 18, 53-60		18
865	Duration of untreated psychosis is associated with orbital-frontal grey matter volume reductions in first episode psychosis. 2011 , 125, 13-20		76
864	Neuroanatomical abnormalities in schizophrenia: a multimodal voxelwise meta-analysis and meta-regression analysis. 2011 , 127, 46-57		339
863	Greater white and grey matter changes associated with early cannabis use in adolescent-onset schizophrenia (AOS). 2011 , 128, 91-7		71

862	Reduced amygdala and hippocampal volumes in patients with methamphetamine psychosis. 2011 , 132, 183-9		50
861	Comparison of diffusion tensor imaging and voxel-based morphometry to detect white matter damage in Alzheimer's disease. 2011 , 302, 89-95		20
860	Behavioral changes in early ALS correlate with voxel-based morphometry and diffusion tensor imaging. 2011 , 307, 34-40		67
859	Exposure to parental verbal abuse is associated with increased gray matter volume in superior temporal gyrus. <i>NeuroImage</i> , 2011 , 54 Suppl 1, S280-6	7.9	121
858	Automatic classification of patients with Alzheimer's disease from structural MRI: a comparison of ten methods using the ADNI database. <i>NeuroImage</i> , 2011 , 56, 766-81	7.9	689
857	Unbiased average age-appropriate atlases for pediatric studies. <i>NeuroImage</i> , 2011 , 54, 313-27	7.9	1208
856	Interactive effects of physical activity and APOE- ϵ 4 on BOLD semantic memory activation in healthy elders. <i>NeuroImage</i> , 2011 , 54, 635-44	7.9	87
855	Factors underlying prefrontal and insula structural alterations in smokers. <i>NeuroImage</i> , 2011 , 54, 42-8	7.9	156
854	Manual activity shapes structure and function in contralateral human motor hand area. <i>NeuroImage</i> , 2011 , 54, 32-41	7.9	87
853	In vivo brain anatomy of adult males with Fragile X syndrome: an MRI study. <i>NeuroImage</i> , 2011 , 54, 16-24	7.9	54
852	Age-related differences in white matter integrity and cognitive function are related to APOE status. <i>NeuroImage</i> , 2011 , 54, 1565-77	7.9	66
851	Medial prefrontal gray matter volume reductions in users of amphetamine-type stimulants revealed by combined tract-based spatial statistics and voxel-based morphometry. <i>NeuroImage</i> , 2011 , 54, 794-801	7.9	50
850	Structural brain alterations in patients with major depressive disorder and high risk for suicide: evidence for a distinct neurobiological entity?. <i>NeuroImage</i> , 2011 , 54, 1607-14	7.9	162
849	Cognitive profile and brain morphological changes in obstructive sleep apnea. <i>NeuroImage</i> , 2011 , 54, 787-93	7.9	199
848	Age- and gender-related changes in the normal human brain using hybrid diffusion imaging (HYDI). <i>NeuroImage</i> , 2011 , 54, 1840-53	7.9	95
847	Correlation between baseline regional gray matter volume and global gray matter volume decline rate. <i>NeuroImage</i> , 2011 , 54, 743-9	7.9	11
846	Voxel-based morphometry studies of personality: issue of statistical model specification--effect of nuisance covariates. <i>NeuroImage</i> , 2011 , 54, 1994-2005	7.9	99
845	β Amyloid affects frontal and posterior brain networks in normal aging. <i>NeuroImage</i> , 2011 , 54, 1887-95	7.9	90

844	Population-averaged standard template brain atlas for the common marmoset (<i>Callithrix jacchus</i>). <i>NeuroImage</i> , 2011 , 54, 2741-9	7.9	74
843	Gray matter alterations related to P300 abnormalities in subjects at high risk for psychosis: longitudinal MRI-EEG study. <i>NeuroImage</i> , 2011 , 55, 320-8	7.9	45
842	Age-related changes of the functional architecture of the cortico-basal ganglia circuitry during motor task execution. <i>NeuroImage</i> , 2011 , 55, 194-203	7.9	47
841	Approaches for the integrated analysis of structure, function and connectivity of the human brain. 2011 , 42, 107-21		90
840	Gray and white matter alterations in spinocerebellar ataxia type 7: an in vivo DTI and VBM study. <i>NeuroImage</i> , 2011 , 55, 1-7	7.9	61
839	Distributed changes in default-mode resting-state connectivity in multiple sclerosis. 2011 , 17, 411-22		146
838	Structural brain changes following peripheral vestibulo-cochlear lesion may indicate multisensory compensation. 2011 , 82, 309-16		35
837	Orbitofrontal gray matter deficits as marker of Internet gaming disorder: converging evidence from a cross-sectional and prospective longitudinal design. 2019 , 24, 100-109		32
836	Disconnection of hippocampal networks contributes to memory dysfunction in individuals with temporal lobe epilepsy. 2019 , 29, 451-457		2
835	Preliminary report on the association between pulvinar volume and the ability to detect backward-masked facial features. 2019 , 128, 73-77		
834	Age-related changes in cortical and subcortical structures of healthy adult brains: A surface-based morphometry study. 2019 , 49, 152-163		17
833	Lifelong environmental enrichment in the absence of exercise protects the brain from age-related cognitive decline. 2019 , 145, 59-74		27
832	Brain structural correlates of executive and social cognition profiles in behavioral variant frontotemporal dementia and elderly bipolar disorder. 2019 , 126, 159-169		45
831	Longitudinal investigation of cognitive deficits in breast cancer patients and their gray matter correlates: impact of education level. 2020 , 14, 226-241		11
830	Klotho gene polymorphism, brain structure and cognition in early-life development. 2020 , 14, 213-225		3
829	Gray matter volume of the dorsolateral prefrontal cortex moderates the relationship between rumination and depressed mood. 2020 , 39, 1116-1125		1
828	Resting state functional connectivity abnormalities and delayed recall performance in patients with amnesic mild cognitive impairment. 2020 , 14, 267-277		2
827	Neuroanatomical and functional alterations of insula in mild traumatic brain injury patients at the acute stage. 2020 , 14, 907-916		5

826	Impaired functional connectivity of limbic system in migraine without aura. 2020 , 14, 1805-1814	14
825	Young and Older Adults May Utilize Different Cognitive Abilities When Performing a Spatial Recognition Memory Test With Varying Levels of Similarity. 2020 , 90, 65-83	2
824	Macro- and microstructural gray matter alterations in sexually assaulted women. 2020 , 262, 196-204	0
823	Altered functional connectivity of the amygdala in Crohn's disease. 2020 , 14, 2097-2106	9
822	Neural mechanisms of decision-making in aging. 2020 , 11, e1519	5
821	Preparation of novel hydrophobic magnetic Fe ₃ O ₄ /waterborne polyurethane nanocomposites. 2020 , 137, 48546	3
820	Age of acquisition impacts the brain differently depending on neuroanatomical metric. 2020 , 41, 484-502	12
819	Recent tobacco use has widespread associations with adolescent white matter microstructure. 2020 , 101, 106152	2
818	Influence of Age on Global and Regional Brain Stiffness in Young and Middle-Aged Adults. 2020 , 51, 727-733	15
817	Laparoscopic sleeve gastrectomy induces sustained changes in gray and white matter brain volumes and resting functional connectivity in obese patients. 2020 , 16, 1-9	8
816	Clinical Strategies and Technical Challenges in Psychoradiology. 2020 , 30, 1-13	13
815	A unified framework for mapping individual interregional high-order morphological connectivity based on regional cortical features from anatomical MRI. 2020 , 66, 232-239	1
814	Longitudinal stability of the brain functional connectome is associated with episodic memory performance in aging. 2020 , 41, 697-709	13
813	Neuroimaging predictors of creativity in healthy adults. <i>NeuroImage</i> , 2020 , 206, 116292	7.9 18
812	The neural substrates responsible for how trait anxiety affects delay discounting: Right hippocampal and cerebellar connectivity with bistable right inferior parietal lobule. 2020 , 57, e13495	4
811	BRAHMA: Population specific T1, T2, and FLAIR weighted brain templates and their impact in structural and functional imaging studies. 2020 , 70, 5-21	6
810	Differences in Functional Connectivity Networks Related to the Midbrain Dopaminergic System-Related Area in Various Psychiatric Disorders. 2020 ,	7
809	Changes in gray matter volume and functional connectivity in dementia with Lewy bodies compared to Alzheimer's disease and normal aging: implications for fluctuations. 2020 , 12, 9	10

808	Template Creation for High-Resolution Computed Tomography Scans of the Lung in R Software. 2020 , 27, e204-e215	3
807	Thermal Psychophysics and Associated Brain Activation Patterns Along a Continuum of Healthy Aging. 2020 , 21, 1779-1792	1
806	Subcortical structural abnormalities in female neuromyelitis optica patients with neuropathic pain. 2020 , 37, 101432	4
805	Cocaine-related alterations in fronto-parietal gray matter volume correlate with trait and behavioral impulsivity. 2020 , 206, 107757	11
804	Neural and dopaminergic correlates of fatigue in Parkinson's disease. 2020 , 127, 301-309	4
803	Altered Gray Matter Structure and White Matter Microstructure in Patients with Congenital Adrenal Hyperplasia: Relevance for Working Memory Performance. 2020 , 30, 2777-2788	8
802	Comparisons of Voxel-Based Morphometric Brain Volumes of Individuals with Methamphetamine-Induced Psychotic Disorder and Schizophrenia Spectrum Disorder and Healthy Controls. 2020 , 79, 170-178	7
801	White matter hyperintensities mediate gray matter volume and processing speed relationship in cognitively unimpaired participants. 2020 , 41, 1309-1322	13
800	Neurological Soft Signs and Brain Network Abnormalities in Schizophrenia. 2020 , 46, 562-571	9
799	Glioma Migration Through the Corpus Callosum and the Brainstem Detected by Diffusion and Magnetic Resonance Imaging: Initial Findings. 2019 , 13, 472	6
798	Right Lateralized Brain Reserve Offsets Age-Related Deficits in Ignoring Distraction. 2020 , 1, tgaa049	1
797	Brain volume changes after long-term injectable opioid treatment: A longitudinal voxel-based morphometry study. 2021 , 26, e12970	0
796	Age-Related Regional Network Covariance of Magnetic Resonance Imaging Gray Matter in the Rat. 2020 , 12, 267	5
795	Improvement in Uncontrolled Eating Behavior after Laparoscopic Sleeve Gastrectomy Is Associated with Alterations in the Brain-Gut-Microbiome Axis in Obese Women. 2020 , 12,	12
794	Structural and Functional Brain Abnormalities in Human Immunodeficiency Virus Disease Revealed by Multimodal Magnetic Resonance Imaging Fusion: Association With Cognitive Function. 2021 , 73, e2287-e2293	6
793	A Higher Grey Matter Density in the Amygdala and Midbrain Is Associated with Persistent Pain Following Total Knee Arthroplasty. 2020 , 21, 3393-3400	1
792	Aging and Hearing. 2020 ,	4
791	Depressogenic self-schemas are associated with smaller regional grey matter volume in never-depressed preadolescents. 2020 , 28, 102422	1

790	Validation of Critical Ages in Regional Adult Brain Maturation. 2020 , 6,	
789	Systematically lower structural brain connectivity in individuals with elevated food addiction symptoms. 2020 , 155, 104850	11
788	Regional and hemispheric susceptibility of the temporal lobe to FTLD-TDP type C pathology. 2020 , 28, 102369	10
787	Neurotrophins as a reliable biomarker for brain function, structure and cognition: A systematic review and meta-analysis. 2020 , 175, 107298	9
786	Oxytocin and elderly MRI-based hippocampus and amygdala volume: a 7-year follow-up study. 2020 , 2, fcaa081	7
785	Children's neurodevelopment of reading is affected by China's language input system in the information era. 2020 , 5, 3	5
784	Visual rating versus volumetry of regional brain atrophy and longitudinal changes over a 5-year period in an elderly population. 2020 , 10, e01662	3
783	Age as a Mediator of tDCS Effects on Pain: An Integrative Systematic Review and Meta-Analysis. 2020 , 14, 568306	1
782	Relationship between self-defeating humor and the Gray matter volume in the orbital frontal cortex: the moderating effect of divergent thinking. 2021 , 15, 2168-2177	1
781	When affect overlaps with concept: emotion recognition in semantic variant of primary progressive aphasia. 2020 , 143, 3850-3864	15
780	In vivo biomarkers of structural and functional brain development and aging in humans. 2020 , 117, 142-164	10
779	Concurrent brain structural and functional alterations in patients with migraine without aura: an fMRI study. 2020 , 21, 141	9
778	Longitudinal Analysis of the Relation Between Clinical Impairment and Gray Matter Degeneration in Spinocerebellar Ataxia Type 7 Patients. 2021 , 20, 346-360	1
777	Evaluation of Ultrafast Wave-CAIPI MPRAGE for Visual Grading and Automated Measurement of Brain Tissue Volume. 2020 , 41, 1388-1396	14
776	Predicting intelligence from brain gray matter volume. 2020 , 225, 2111-2129	10
775	Evolving diagnostic criteria in primary lateral sclerosis: The clinical and radiological basis of "probable PLS". 2020 , 417, 117052	17
774	The overlapping region in right hippocampus accounting for the link between trait anxiety and procrastination. 2020 , 146, 107571	3
773	Magnetic Resonance Imaging for Glaucoma Evaluation. 2020 , 29, 622-626	1

772	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. 2020 , 7, 129-129	2
771	Impaired error awareness in healthy older adults: an age group comparison study. 2020 , 96, 58-67	5
770	Affect in the Aging Brain: A Neuroimaging Meta-Analysis of Older Vs. Younger Adult Affective Experience and Perception. 2020 , 1, 128-154	5
769	Higher Body-Mass Index and Lower Gray Matter Volumes in First Episode of Psychosis. 2020 , 11, 556759	2
768	Grey matter changes in Meige syndrome: a voxel-based morphology analysis. 2020 , 10, 14533	7
767	Association of midlife stroke risk with structural brain integrity and memory performance at older ages: a longitudinal cohort study. 2020 , 2, fcaa026	5
766	Heart-brain interactions during social and cognitive stress in hypertensive disease: A multidimensional approach. 2020 ,	1
765	Age-related differences of motor cortex plasticity in adults: A transcranial direct current stimulation study. 2020 , 13, 1588-1599	17
764	Impaired effective functional connectivity of the sensorimotor network in interictal episodic migraineurs without aura. 2020 , 21, 111	13
763	Neurodegeneration trajectory in pediatric and adult/late DM1: A follow-up MRI study across a decade. 2020 , 7, 1802-1815	5
762	Cohort profile: the Oxford Parkinson's Disease Centre Discovery Cohort MRI substudy (OPDC-MRI). 2020 , 10, e034110	3
761	Gray Matter Changes in Adolescents Participating in a Meditation Training. 2020 , 14, 319	7
760	Cortical midline structures associated with rumination in women with PTSD. 2020 , 131, 69-76	2
759	Individual Differences in Interoceptive Accuracy Are Correlated With Salience Network Connectivity in Older Adults. 2020 , 12, 592002	5
758	Gray matter declines with age and hearing loss, but is partially maintained in tinnitus. 2020 , 10, 21801	5
757	Longitudinal analysis of structural connectivity in patients with newly diagnosed focal epilepsy of unknown origin. 2020 , 199, 106264	
756	Higher Trait Impulsivity and Altered Frontostriatal Connectivity in Betel-Quid Dependent Individuals. 2020 , 14, 578913	2
755	Quantification of anticipation of excitement with a three-axial model of emotion with EEG. 2020 , 17, 036011	3

754	Gray Matter Covariance Networks as Classifiers and Predictors of Cognitive Function in Alzheimer's Disease. 2020 , 11, 360		1
753	Evaluating the impact of trauma and PTSD on epigenetic prediction of lifespan and neural integrity. 2020 , 45, 1609-1616		20
752	Structural Analysis of Glaucoma Brain and its Association With Ocular Parameters. 2020 , 29, 393-400		5
751	The effects of gastrointestinal symptoms on structural grey matter volume in youth. 2020 , 80, 477-488		0
750	Parsing differences in amygdala volume among individuals with and without social and generalized anxiety disorders across the lifespan. 2020 , 128, 83-89		8
749	Interindividual variability and lateralization of Ebpioid receptors in the human brain. <i>NeuroImage</i> , 2020 , 217, 116922	7.9	21
748	Brain Network Measures for Groups of Nodes: Application to Normal Aging and Alzheimer's Disease. 2020 , 10, 316-327		0
747	Neuroanatomical Features That Predict Response to Electroconvulsive Therapy Combined With Antipsychotics in Schizophrenia: A Magnetic Resonance Imaging Study Using Radiomics Strategy. 2020 , 11, 456		5
746	The effects of aging on the distribution and strength of correlated neural inputs to postural muscles during unperturbed bipedal stance. 2020 , 238, 1537-1553		1
745	MRI Segmentation and Classification of Human Brain Using Deep Learning for Diagnosis of Alzheimer's Disease: A Survey. 2020 , 20,		39
744	Voxel-Based Morphometry-from Hype to Hope. A Study on Hippocampal Atrophy in Mesial Temporal Lobe Epilepsy. 2020 , 41, 987-993		4
743	Speaking of aging: Changes in gray matter asymmetry in Broca's area in later adulthood. 2020 , 129, 133-140		3
742	The effects of an aerobic training intervention on cognition, grey matter volumes and white matter microstructure. 2020 , 223, 112923		5
741	First-Trimester Prenatal Dexamethasone Treatment Is Associated With Alterations in Brain Structure at Adult Age. 2020 , 105,		8
740	Neuroimaging of inflammation in alcohol use disorder: a review. 2020 , 63, 1		6
739	Multimodal MRI Longitudinal Assessment of White and Gray Matter in Different SPG Types of Hereditary Spastic Paraparesis. 2020 , 14, 325		5
738	Sarin attacks in Japan: acute and delayed health effects in survivors. 2020 , 37-53		
737	APOE- β Shapes the Cerebral Organization in Cognitively Intact Individuals as Reflected by Structural Gray Matter Networks. 2020 , 30, 4110-4120		2

736	Impact of Aging and Cognitive Mechanisms on High-Speed Motor Activation Patterns: Evidence From an Orthoptera-Robot Interaction. 2020 , 2, 292-296		19
735	Altered Large-Scale Brain Functional Connectivity in Ocular Hypertension. 2020 , 14, 146		7
734	Gender differences in the development of semantic and spatial processing of numbers. 2020 , 38, 391-414		2
733	Primer for Mainstreaming Mind-Body Techniques for Extreme Climates-Insights and Future Directions. 2020 , 7,		4
732	Creation of an anthropomorphic CT head phantom for verification of image segmentation. 2020 , 47, 2380-2391		3
731	Age-Dependent Effect of Transcranial Alternating Current Stimulation on Motor Skill Consolidation. 2020 , 12, 25		6
730	Resting-State Functional Correlates of Social Cognition in Multiple Sclerosis: An Explorative Study. 2019 , 13, 276		5
729	Cortical and subcortical volume differences between Benign Epilepsy with Centrotemporal Spikes and Childhood Absence Epilepsy. 2020 , 166, 106407		3
728	Decreased interhemispheric connectivity and increased cortical excitability in unmedicated schizophrenia: A prefrontal interleaved TMS fMRI study. 2020 , 13, 1467-1475		11
727	Interpretable brain age prediction using linear latent variable models of functional connectivity. 2020 , 15, e0232296		4
726	The insula, a grey matter of tastes: a volumetric MRI study in dementia with Lewy bodies. 2020 , 12, 79		2
725	VBM sensitivity to localization and extent of mouse brain lesions: A simulation approach. 2020 , 196, 105636		1
724	Magnification of visual feedback modulates corticomuscular and intermuscular coherences differently in young and elderly adults. <i>NeuroImage</i> , 2020 , 220, 117089	7.9	5
723	The anterior and medial thalamic nuclei and the human limbic system: tracing the structural connectivity using diffusion-weighted imaging. 2020 , 10, 10957		19
722	Alterations in the Brain Structure and Functional Connectivity in Aquaporin-4 Antibody-Positive Neuromyelitis Optica Spectrum Disorder. 2019 , 13, 1362		3
721	Brain changes associated with language development and learning: A primer on methodology and applications. 2020 , 89, 102209		6
720	Voxel-based morphometry and cortical thickness in combat veterans suffering from impulsive aggression. 2020 , 1-11		2
719	Healthy Aging and Sentence Production: Disrupted Lexical Access in the Context of Intact Syntactic Planning. 2020 , 11, 257		10

718	Modeling transcranial electrical stimulation in the aging brain. 2020 , 13, 664-674	33
717	Interaction of APOE, cerebral blood flow, and cortical thickness in the entorhinal cortex predicts memory decline. 2020 , 14, 369-382	6
716	Diffusion tensor tractography of brainstem fibers and its application in pain. 2020 , 15, e0213952	14
715	Functional connectivity between the entorhinal and posterior cingulate cortices underpins navigation discrepancies in at-risk Alzheimer's disease. 2020 , 90, 110-118	7
714	Loss in grey matter in a small network of brain areas underpins poor reactive inhibition in Obsessive-Compulsive Disorder patients. 2020 , 297, 111044	5
713	Accelerating Structural Degeneration in Temporal Regions and Their Effects on Cognition in Aging of MCI Patients. 2020 , 30, 326-338	7
712	Functional neuroimaging in the acute phase of Takotsubo syndrome: volumetric and functional changes of the right insular cortex. 2020 , 109, 1107-1113	7
711	Effects of an In-home Multicomponent Exergame Training on Physical Functions, Cognition, and Brain Volume of Older Adults: A Randomized Controlled Trial. 2019 , 6, 321	27
710	Converging patterns of aging-associated brain volume loss and tissue microstructure differences. 2020 , 88, 108-118	21
709	Reduced gray matter volume and cortical thickness associated with traffic-related air pollution in a longitudinally studied pediatric cohort. 2020 , 15, e0228092	16
708	A Narrative Review of Handgrip Strength and Cognitive Functioning: Bringing a New Characteristic to Muscle Memory. 2020 , 73, 1265-1278	16
707	White matter and cerebellar involvement in alternating hemiplegia of childhood. 2020 , 267, 1300-1311	4
706	Structural brain changes in young males addicted to video-gaming. 2020 , 139, 105518	5
705	Resting-state connectivity stratifies premanifest Huntington's disease by longitudinal cognitive decline rate. 2020 , 10, 1252	4
704	Genome-Wide Association Study of Brain Connectivity Changes for Alzheimer's Disease. 2020 , 10, 1433	11
703	Predicting Brain Age of Healthy Adults Based on Structural MRI Parcellation Using Convolutional Neural Networks. 2019 , 10, 1346	20
702	Normal Aging: Alterations in Scalp EEG Using Broadband and Band-Resolved Topographic Maps. 2020 , 8,	1
701	Gray matter volume and estimated brain age gap are not linked with sleep-disordered breathing. 2020 , 41, 3034-3044	10

700	Evaluation of brain-skull interface modelling approaches on the prediction of acute subdural hematoma in the elderly. 2020 , 105, 109787		6
699	Whole Brain and Cranial Size Adjustments in Volumetric Brain Analyses of Sex- and Age-Related Trends. 2020 , 14, 278		10
698	Changes in the intracranial volume from early adulthood to the sixth decade of life: A longitudinal study. <i>NeuroImage</i> , 2020 , 220, 116842	7.9	6
697	The relationship between executive functions and fluid intelligence in multiple sclerosis. 2020 , 15, e0231868		5
696	Atypical Brain Structures as a Function of Gray Matter Volume (GMV) and Gray Matter Density (GMD) in Young Adults Relating to Autism Spectrum Traits. 2020 , 11, 523		2
695	Changes in white matter fiber density and morphology across the adult lifespan: A cross-sectional fixel-based analysis. 2020 , 41, 3198-3211		15
694	MRI-based biomarkers of accelerated aging and dementia risk in midlife: how close are we?. 2020 , 61, 101075		12
693	Volumetric and functional connectivity alterations in patients with chronic cervical spondylotic pain. 2020 , 62, 995-1001		5
692	Neurological soft signs (NSS) and gray matter volume (GMV) in first-episode psychosis: An analysis of NSS motor subscores. 2020 , 300, 111067		4
691	Neurological manifestations of Erdheim-Chester Disease. 2020 , 7, 497-506		6
690	The impact of aging on the subregions of the fusiform gyrus in healthy older adults. 2021 , 99, 263-270		1
689	Machine learning for filtering out false positive grey matter atrophies in single subject voxel based morphometry: A simulation based study. 2021 , 420, 117220		1
688	Simultaneous voxel-wise analysis of brain and spinal cord morphometry and microstructure within the SPM framework. 2021 , 42, 220-232		3
687	Cardiovascular risk factors and APOE- $\epsilon 4$ status affect memory functioning in aging via changes to temporal stem diffusion. 2021 , 99, 502-517		2
686	Multimodal structural neuroimaging markers of risk and recovery from posttrauma anhedonia: A prospective investigation. 2021 , 38, 79-88		9
685	The Functional Foundations of Episodic Memory Remain Stable Throughout the Lifespan. 2021 , 31, 2098-2110		1
684	The Haskins pediatric atlas: a magnetic-resonance-imaging-based pediatric template and atlas. 2021 , 51, 628-639		2
683	The Influence of Discrete Negative and Positive Stimuli on Recognition Memory of Younger vs. Older Adults. 2021 , 47, 21-39		4

682	Effects of Korean red ginseng on human gray matter volume and cognitive function: A voxel-based morphometry study. 2021 , 36, e2767	1
681	Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. 2021 , 31, 1464-1477	4
680	Independent Contributions of Dorsolateral Prefrontal Structure and Function to Working Memory in Healthy Older Adults. 2021 , 31, 1732-1743	6
679	Structural abnormalities of cingulate cortex in patients with first-episode drug-naïve schizophrenia comorbid with depressive symptoms. 2021 , 42, 1617-1625	1
678	A multidisciplinary approach to insanity assessment as a way to reduce cognitive biases. 2021 , 319, 110652	4
677	Cortical thickness of primary visual cortex correlates with motion deficits in periventricular leukomalacia. 2021 , 151, 107717	2
676	Intradialytic hypotension and relationship with cognitive function and brain morphometry. 2021 , 14, 1156-1164	2
675	Elucidating the relationship between white matter structure, demographic, and clinical variables in schizophrenia-a multicenter harmonized diffusion tensor imaging study. 2021 , 26, 5357-5370	2
674	A prospective cohort study of prodromal Alzheimer's disease: Prospective Imaging Study of Ageing: Genes, Brain and Behaviour (PISA). 2021 , 29, 102527	7
673	Associations between sleep apnea and advanced brain aging in a large-scale population study. 2021 , 44,	11
672	JuSpace: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps. 2021 , 42, 555-566	7
671	Cross-Sectional Volumes and Trajectories of the Human Brain, Gray Matter, White Matter and Cerebrospinal Fluid in 9473 Typically Aging Adults. 2021 , 19, 347-366	5
670	Automated age- and sex-specific volumetric estimation of regional brain atrophy: workflow and feasibility. 2021 , 31, 1043-1048	3
669	Lack of association between proton pump inhibitor use and brain aging: a cross-sectional study. 2021 , 77, 1039-1048	1
668	Neuropsychologie altersassoziierter Veränderungen. 2021 , 11-32	
667	The effect of conscientiousness on procrastination: The interaction between the self-control and motivation neural pathways. 2021 , 42, 1829-1844	7
666	Higher midlife CAIDE score is associated with increased brain atrophy in a cohort of cognitively healthy middle-aged individuals. 2021 , 268, 1962-1971	2
665	Dissociable developmental trajectories of Orbitofrontal subregion grey matter volume.	

664	Frontotemporal dementia subtypes based on behavioral inhibition deficits. 2021 , 13, e12178	0
663	Disruption of brainstem monoaminergic fibre tracts in multiple sclerosis as a putative mechanism for cognitive fatigue: a fixel-based analysis. 2021 , 30, 102587	7
662	Subcortical grey matter changes associated with motor symptoms evaluated by the Unified Parkinson's disease Rating Scale (part III): A longitudinal study in Parkinson's disease. 2021 , 31, 102745	0
661	Neural correlates of orbital telorism.	
660	Structural neuroimaging findings in bipolar disorders. 2021 , 197-205	
659	Neural mapping of anhedonia across psychiatric diagnoses: A transdiagnostic neuroimaging analysis. 2021 , 32, 102825	2
658	The Relations Between Physical Activity Level, Executive Function, and White Matter Microstructure in Older Adults. 2021 , 18, 1286-1298	1
657	Quantitative susceptibility mapping in the thalamus and basal ganglia of systemic lupus erythematosus patients with neuropsychiatric complaints. 2021 , 30, 102637	0
656	Alcohol consumption is associated with structural changes in various organ systems: A population-based study in UK Biobank.	1
655	Sex, diabetes status and cognition: findings from the study of longevity in diabetes. 2021 , 9,	2
654	Aging as a Context for the Role of Inflammation in Depressive Symptoms. 2020 , 11, 605347	2
653	The neural basis underlying the relation between the action identification level and delay discounting: The medial and orbital frontal cortex functional connectivity with the precuneus. 2021 , 159, 74-82	2
652	Extra-motor cerebral changes and manifestations in primary lateral sclerosis. 2021 , 15, 2283-2296	10
651	Age-related effects on the neural processing of semantic complexity in a continuous narrative: Modulation by gestures already present in young to middle-aged adults. 2021 , 151, 107725	2
650	Machine learning prediction of neurocognitive impairment among people with HIV using clinical and multimodal magnetic resonance imaging data. 2021 , 27, 1-11	8
649	Age-Net: An MRI-Based Iterative Framework for Brain Biological Age Estimation. 2021 , 40, 1778-1791	6
648	The hippocampal region is necessary for text comprehension and memorization: a combined VBM/DTI study in neuropsychological patients. 2021 , 15, 2367-2376	
647	Les modifications du fonctionnement cognitif et émotionnel avec l'avancè en âge au prisme d'une approche incarnè. 2021 , 121, 71	

646	Incidental Brain Magnetic Resonance Imaging Findings and the Cognitive and Motor Performance in the Elderly: The Shanghai Changfeng Study. 2021 , 15, 631087	0
645	Predicting Brain Age at Slice Level: Convolutional Neural Networks and Consequences for Interpretability. 2021 , 12, 598518	3
644	Large-Scale Morphological Network Efficiency of Human Brain: Cognitive Intelligence and Emotional Intelligence. 2021 , 13, 605158	0
643	TemplateFlow: FAIR-sharing of multi-scale, multi-species brain models.	4
642	Translational Application of a Neuro-Scientific Multi-Modal Approach Into Forensic Psychiatric Evaluation: Why and How?. 2021 , 12, 597918	2
641	Investigating the effects of healthy cognitive aging on brain functional connectivity using 4.7 T resting-state functional magnetic resonance imaging. 2021 , 226, 1067-1098	4
640	Cellular correlates of gray matter volume changes in magnetic resonance morphometry identified by two-photon microscopy. 2021 , 11, 4234	12
639	A probabilistic atlas of the human ventral tegmental area (VTA) based on 7 Tesla MRI data. 2021 , 226, 1155-1167	6
638	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. 2021 ,	26
637	Neurodegeneration: Diagnosis, Prevention, and Therapy.	1
636	Differential Patterns of Gyral and Sulcal Morphological Changes During Normal Aging Process. 2021 , 13, 625931	4
635	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. 2021 ,	13
634	Brain aging and speech perception: Effects of background noise and talker variability. <i>NeuroImage</i> , 2021 , 227, 117675	7.9 4
633	Age-related changes in the neuromuscular control of forward and backward locomotion. 2021 , 16, e0246372	5
632	A Complex Systems Perspective on Neuroimaging Studies of Behavior and Its Disorders. 2021 , 1073858421994884	4
631	A Measure of Tortuosity for Enclosing Surfaces of Voxel-Based Objects. 2021 , 2, 1	1
630	Cortical and Subcortical Brain Volume Alterations Following Endurance Running at 38.6 km and 119.2 km in Male Athletes. 2021 , 27, e926060	
629	Differential Impact of Education on Gray Matter Volume According to Sex in Cognitively Normal Older Adults: Whole Brain Surface-Based Morphometry. 2021 , 12, 644148	0

628	Predicting Cognitive Declines Using Longitudinally Enriched Representations for Imaging Biomarkers. 2021 , 40, 891-904	
627	The Effect of Congenital and Acquired Bilateral Anophthalmia on Brain Structure. 2021 , 45, 75-86	
626	The Amsterdam Open MRI Collection, a set of multimodal MRI datasets for individual difference analyses. 2021 , 8, 85	12
625	Understanding the Neurophysiological and Molecular Mechanisms of Exercise-Induced Neuroplasticity in Cortical and Descending Motor Pathways: Where Do We Stand?. 2021 , 457, 259-282	7
624	Comparison of Multispectral Image-Processing Methods for Brain Tissue Classification in BrainWeb Synthetic Data and Real MR Images. 2021 , 2021, 9820145	0
623	Aging bodies, aging emotions: Interoceptive differences in emotion representations and self-reports across adulthood. 2021 , 21, 227-246	7
622	Chronic musculoskeletal impairment is associated with alterations in brain regions responsible for the production and perception of movement. 2021 , 599, 2255-2272	3
621	Volumetric Brain Changes in Older Fallers: A Voxel-Based Morphometric Study. 2021 , 9, 610426	1
620	Relating brain structure images to personality characteristics using 3D convolution neural network. 2021 , 6, 338-346	0
619	Corticospinal Tract and Related Grey Matter Morphometric Shape Analysis in ALS Phenotypes: A Fractal Dimension Study. 2021 , 11,	2
618	Assessing Age-Related Gray Matter Differences in Young Adults with Voxel-Based Morphometry: The Effect of Field Strengths. 2021 , 11,	
617	Age-related deterioration of performance and increase of cortex activity comparing time- versus item-controlled fNIRS measurement. 2021 , 11, 6766	0
616	Location, location, location! Choice of Voxel-Based Morphometry processing pipeline drives variability in the location of neuroanatomical brain markers.	1
615	MR Image Changes of Normal-Appearing Brain Tissue after Radiotherapy. 2021 , 13,	3
614	The Individual Inclination to an Occupation and its Neuronal Correlate. 2021 , 6,	
613	Neural basis responsible for self-control association with procrastination: Right MFC and bilateral OFC functional connectivity with left dlPFC. 2021 , 91, 104064	2
612	Metacognition of emotion recognition across neurodegenerative diseases. 2021 , 137, 93-107	9
611	Neurovascular coupling dysfunction in end-stage renal disease patients related to cognitive impairment. 2021 , 41, 2593-2606	3

610	Neurodegenerative and functional signatures of the cerebellar cortex in m.3243A>G patients.		
609	MRI-derived brain age as a biomarker of ageing in rats: validation using a healthy lifestyle intervention.		0
608	Charting human subcortical maturation across the adult lifespan with in vivo 7 T MRI.		
607	Psychosocial, Functional, and Emotional Correlates of Long-Term Opioid Use in Patients with Chronic Back Pain: A Cross-Sectional Case-Control Study. 2021 , 10, 691-709		1
606	Structural Changes on MRI Demonstrate Specific Cerebellar Involvement in SLE Patients-A VBM Study. 2021 , 11,		
605	Reduced Cerebellar Brain Inhibition Measured Using Dual-Site TMS in Older Than in Younger Adults. 2021 , 1		3
604	Transcriptional signatures of synaptic vesicle genes define myotonic dystrophy type I neurodegeneration. 2021 , 47, 1092-1108		3
603	Co-activation pattern alterations in autism spectrum disorder-A volume-wise hierarchical clustering fMRI study. 2021 , 11, e02174		1
602	Why is delirium more frequent in the elderly?. 2021 , 42, 3491-3503		4
601	Amygdala size varies with stress perception. 2021 , 14, 100334		2
600	Structural Brain Imaging of Intelligence. 2021 , 210-234		
599	Synaptic density in healthy human aging is not influenced by age or sex: a C-UCB-J PET study. <i>NeuroImage</i> , 2021 , 232, 117877	7.9	11
598	Neuroimaging Methods and Findings. 2021 , 189-324		
597	Reduced Glutamate Turnover in the Putamen Is Linked With Automatic Habits in Human Cocaine Addiction. 2021 , 89, 970-979		9
596	Estimating brain age from structural MRI and MEG data: Insights from dimensionality reduction techniques. <i>NeuroImage</i> , 2021 , 231, 117822	7.9	3
595	The trajectory of cortical GABA across the lifespan, an individual participant data meta-analysis of edited MRS studies. 2021 , 10,		9
594	Fractional Anisotropy in Selected, Motor-Related White Matter Tracts and Its Cross-Sectional and Longitudinal Associations With Motor Function in Healthy Older Adults. 2021 , 15, 621263		0
593	Beyond language impairment: Profiles of apathy in primary progressive aphasia. 2021 , 139, 73-85		4

592	Differential involvement of hippocampal subfields in Niemann-Pick type C disease: a case-control study. 2021 , 36, 2071-2078		
591	Norms for Automatic Estimation of Hippocampal Atrophy and a Step Forward for Applicability to the Italian Population. 2021 , 15, 656808		0
590	Alcohol consumption in the general population is associated with structural changes in multiple organ systems. 2021 , 10,		3
589	Dissecting the midlife crisis: disentangling social, personality and demographic determinants in social brain anatomy. 2021 , 4, 728		1
588	Connectivity adaptations in dopaminergic systems define the brain maturity of investors. 2021 , 11, 11671		
587	Quantitative magnetic resonance imaging of brain anatomy and in vivo histology. 2021 , 3, 570-588		22
586	Significant increases of the amygdala between immediate and late postpartum: Pronounced effects within the superficial subregion. 2021 , 99, 2261-2270		3
585	The Association Between Poor Sleep and Accelerated Brain Ageing.		
584	Does participant's age impact on tDCS induced fields? Insights from computational simulations. 2021 , 7,		3
583	Novel Volumetric and Surface-Based Magnetic Resonance Indices of the Aging Brain - Does Male and Female Brain Age in the Same Way?. 2021 , 12, 645729		3
582	Reduced frontal white matter microstructure in healthy older adults with low tactile recognition performance. 2021 , 11, 11689		0
581	The contributions of brain structural and functional variance in predicting age, sex and treatment. 2021 , 1, 100024		
580	Association Between Gray Matter Volume Variations and Energy Utilization in the Brain: Implications for Developmental Stuttering. 2021 , 64, 2317-2324		3
579	Hippocampal subfield volumes across the healthy lifespan and the effects of MR sequence on estimates. <i>NeuroImage</i> , 2021 , 233, 117931	7.9	5
578	How Do We Motorically Resonate in Aging? A Compensatory Role of Prefrontal Cortex. 2021 , 13, 694676		0
577	Obesity and Gray Matter Volume Assessed by Neuroimaging: A Systematic Review. 2021 , 11,		2
576	Dopaminergic modulation of regional cerebral blood flow: An arterial spin labelling study of genetic and pharmacological manipulation of COMT activity. <i>NeuroImage</i> , 2021 , 234, 117999	7.9	3
575	Regionally specific gray matter volume is lower in alcohol use disorder: Implications for noninvasive brain stimulation treatment. 2021 , 45, 1672-1683		1

574	Identifying Subgroups of Major Depressive Disorder Using Brain Structural Covariance Networks and Mapping of Associated Clinical and Cognitive Variables. 2021 , 1, 135-145	1
573	Factors associated with brain ageing - a systematic review. 2021 , 21, 312	4
572	Brain multimodal co-alterations related to delay discounting: a multimodal MRI fusion analysis in persons with and without cocaine use disorder. 2021 , 22, 51	0
571	A Comparative Multimodal Meta-analysis of Anisotropy and Volume Abnormalities in White Matter in People Suffering From Bipolar Disorder or Schizophrenia. 2021 ,	2
570	Mindfulness Training Improves Cognition and Strengthens Intrinsic Connectivity Between the Hippocampus and Posteromedial Cortex in Healthy Older Adults. 2021 , 13, 702796	3
569	The effect of the PARK16 rs11240572 variant on brain structure in Parkinson's disease. 2021 , 226, 2665-2673	0
568	Predicting and Characterizing Neurodegenerative Subtypes with Multimodal Neurocognitive Signatures of Social and Cognitive Processes. 2021 , 83, 227-248	5
567	Neuroplasticity of Acupuncture for Stroke: An Evidence-Based Review of MRI. 2021 , 2021, 2662585	7
566	Regional glucose metabolic decreases with ageing are associated with microstructural white matter changes: a simultaneous PET/MR study. 2021 , 1	1
565	Alteration of grey matter volume is associated with pain and quality of life in children with sickle cell disease. 2021 ,	0
564	Functional connectivity and cognitive changes after donepezil treatment in healthy participants. 2021 , 238, 3071-3082	1
563	The Neural Basis Linking Achievement Motivation With Procrastination: Left Precuneus Connectivity With Right Anterior Cingulate Cortex. 2021 , 1461672211040677	0
562	Ageing-related changes in nap neurooscillatory activity are mediated and moderated by grey matter volume. 2021 , 54, 7332-7354	3
561	Effect of age on brain metabotropic glutamate receptor subtype 5 measured with [¹⁸ F]FPEB PET. <i>NeuroImage</i> , 2021 , 238, 118217	7.9 3
560	Effect of alcohol, tobacco, and cannabis co-use on gray matter volume in heavy drinkers. 2021 , 35, 760-768	2
559	Accelerated Brain Aging in Mild Traumatic Brain Injury: Longitudinal Pattern Recognition with White Matter Integrity. 2021 , 38, 2549-2559	4
558	Technical and clinical validation of commercial automated volumetric MRI tools for dementia diagnosis-a systematic review. 2021 , 63, 1773-1789	8
557	MRI characterization of rat brain aging at structural and functional level: Clues for translational applications. 2021 , 152, 111432	1

556	Prediction of brain age from routine T2-weighted spin-echo brain magnetic resonance images with a deep convolutional neural network. 2021 , 105, 78-85		4
555	TENSOR QUANTILE REGRESSION WITH APPLICATION TO ASSOCIATION BETWEEN NEUROIMAGES AND HUMAN INTELLIGENCE. 2021 , 15, 1455-1477		
554	Structural volume and cortical thickness differences between males and females in cognitively normal, cognitively impaired and Alzheimer's dementia population. 2021 , 106, 1-11		1
553	Cortical thinning is associated with brain pulsatility in older adults: An MRI and NIRS study. 2021 , 106, 103-118		3
552	The immediate impact of transcranial magnetic stimulation on brain structure: Short-term neuroplasticity following one session of cTBS. <i>NeuroImage</i> , 2021 , 240, 118375	7.9	5
551	Learning to synthesise the ageing brain without longitudinal data. 2021 , 73, 102169		7
550	Age- and gender-related differences in brain tissue microstructure revealed by multi-component T relaxometry. 2021 , 106, 68-79		2
549	Neural basis underlying the relation between boredom proneness and procrastination: The role of functional coupling between precuneus/cuneus and posterior cingulate cortex. 2021 , 161, 107994		1
548	Visuo-postural dependency index (VPDI) in human postural control. 2021 , 13, 7		2
547	Relations between hemispheric asymmetries of grey matter and auditory processing of spoken syllables in 281 healthy adults. 2021 , 1		3
546	Composite UHDRS Correlates With Progression of Imaging Biomarkers in Huntington's Disease. 2021 , 36, 1259-1264		6
545	Structural Imaging in OCD. 2021 , 49, 201-229		2
544	Development and evaluation of a high performance T1-weighted brain template for use in studies on older adults. 2021 , 42, 1758-1776		6
543	Organ-Based Chronological Age Estimation Based on 3D MRI Scans. 2021 ,		2
542	Association of Gray Matter Atrophy Patterns With Clinical Phenotype and Progression in Multiple Sclerosis. 2021 , 96, e1561-e1573		5
541	Voxel-Level Importance Maps for Interpretable Brain Age Estimation. 2021 , 65-74		1
540	The Neural Basis for Aging Effects on Language. 778-800		5
539	Discriminative Analysis for Image-Based Studies. 2002 , 508-515		11

538	Characterizing Imaging Data. 2010 , 197-255	2
537	Neuroimaging of Alzheimer's Disease, Mild Cognitive Impairment, and Other Dementias. 2011 , 309-339	3
536	Human Brain Imaging of Tinnitus. 2012 , 163-185	1
535	Brain Imaging and Cognition. 2014 , 235-256	2
534	Executive Functioning as a Mediator of Age-Related Cognitive Decline in Adults. 2014 , 143-155	5
533	Brain Morphometry: Epilepsy. 2018 , 301-321	1
532	Integrating Cytoarchitectonic Probabilities with MRI-Based Signal Intensities to Calculate Regional Volumes of Interest. 2018 , 121-129	7
531	Assessing subtle structural changes in Alzheimer's disease patients. 2011 , 711, 535-50	2
530	Patch-Based Brain Age Estimation from MR Images. 2020 , 98-107	3
529	Predicting fetal neurodevelopmental age from ultrasound images. 2014 , 17, 260-7	2
528	Pattern Separation: A Key Processing Deficit Associated with Aging?. 2016 , 115-135	2
527	Intelligence. 2016 , 379-402	1
526	Object-based strategy for morphometry of the cerebral cortex. 2003 , 18, 160-71	12
525	Grundlagen der Morphometrie und Integration anatomischer und funktioneller Bilddaten. 2007 , 79-89	0
524	Analysis of Outliers Effects in Voxel-Based Morphometry by means of Virtual Phantoms. 2008 , 540-543	2
523	Regression models of atlas appearance. 2009 , 21, 151-62	6
522	Subject-matched templates for spatial normalization. 2009 , 12, 224-31	7
521	Heat Kernel Smoothing via Laplace-Beltrami Eigenfunctions and Its Application to Subcortical Structure Modeling. 2011 , 36-47	4

520	A feature-based developmental model of the infant brain in structural MRI. 2012 , 15, 204-11	14
519	Human Age Estimation with Surface-Based Features from MRI Images. 2012 , 111-118	4
518	Evaluation of Multiple Voxel-Based Morphometry Approaches and Applications in the Analysis of White Matter Changes in Temporal Lobe Epilepsy. 2013 , 268-276	3
517	Reconstruction of the Brain from Skull Fossils Using Computational Anatomy. 2014 , 191-200	3
516	Voxel-Based Morphometry and Its Application to Alzheimer's Disease Study. 2014 , 179-199	1
515	Neuroimaging biomarkers for clinical trials of disease-modifying therapies in Alzheimer's disease. 2005 , 2, 348	1
514	Gray matter reduction associated with systemic chemotherapy for breast cancer: a prospective MRI study. 2010 , 123, 819	1
513	Brain Imaging Studies of Personality: The Slow Revolution. 2004 , 329-340	3
512	Spatial Normalisation Using Basis Functions. 2004 , 655-672	1
511	Alzheimer's Disease: Neurostructures. 2008 , 601-620	2
510	Aging, neurocognitive reserve, and the healthy brain. 2019 , 175-213	3
509	Subcortical brain morphometry of avoidant personality disorder. 2020 , 274, 1057-1061	2
508	The AGES-Reykjavik study atlases: Non-linear multi-spectral template and atlases for studies of the ageing brain. 2017 , 39, 133-144	3
507	Morphology of perivascular spaces and enclosed blood vessels in young to middle-aged healthy adults at 7T: Dependences on age, brain region, and breathing gas. <i>NeuroImage</i> , 2020 , 218, 116978	7.9 15
506	Cognitive motor impairments and brain structure in schizophrenia spectrum disorder patients with a history of catatonia. 2020 , 222, 335-341	6
505	Brain atlases of normal and diseased populations. 2005 , 66, 1-54	10
504	Attention and Regional Gray Matter Development in Very Preterm Children at Age 12 Years. 2017 , 23, 539-550	19
503	Longitudinal Changes in Individual BrainAGE in Healthy Aging, Mild Cognitive Impairment, and Alzheimer's Disease. 2012 , 25, 235-245	102

502	Facets of Subjective Health Horizons Are Differentially Linked to Brain Volume. 2018 , 31, 127-136	3
501	The Montreal Cognitive Assessment (MoCA) and Brain Structure. 2020 , 33, 101-114	3
500	Antidepressant Medication May Moderate the Effect of Depression Duration on Hippocampus Volume. 2016 , 30, 1-8	2
499	Death and Cognition. 2006 , 11, 224-235	56
498	Noninvasive Brain Stimulation for the Study of Memory Enhancement in Aging. 2016 , 21, 41-54	11
497	Neuroimaging Research: Brain-Behavior Relationships and Language. 2010 , 15, 18-21	3
496	Mild cognitive impairment: conceptual issues and structural and functional brain correlates. 2003 , 8, 12-30	72
495	How aging and bilingualism influence language processing: theoretical and neural models. 2016 , 6, 9-42	14
494	Neural effects of placebo analgesia in fibromyalgia patients and healthy individuals. 2021 , 162, 641-652	1
493	Searching for replicable associations between cortical thickness and psychometric variables in healthy adults: empirical facts.	4
492	JuSpace: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps.	2
491	Cortical Thickness Trajectories across the Lifespan: Data from 17,075 healthy individuals aged 3-90 years.	4
490	Subcortical Volume Trajectories across the Lifespan: Data from 18,605 healthy individuals aged 3-90 years.	6
489	The Amsterdam Open MRI Collection, a set of multimodal MRI datasets for individual difference analyses.	1
488	A Practical Alzheimer Disease Classifier via Brain Imaging-Based Deep Learning on 85,721 Samples.	4
487	A causal analysis of the effect of age and sex differences on brain atrophy in the elderly brain.	2
486	Dissecting the midlife crisis: Disentangling social, personality and demographic determinants in social brain anatomy.	0
485	Accurate Nonlinear Mapping between MNI Volumetric and FreeSurfer Surface Coordinate Systems.	3

484	Genome-Wide Association Study of Brain Connectivity Changes for Alzheimer's Disease.	1
483	Altered BOLD signal variation in Alzheimer's disease and frontotemporal dementia.	1
482	Grey Matter Age Prediction as a Biomarker for Risk of Dementia: A Population-based Study.	5
481	Lobule-Specific Dosage Considerations for Cerebellar Transcranial Direct Current Stimulation During Healthy Aging: A Computational Modeling Study Using Age-Specific Magnetic Resonance Imaging Templates. 2020 , 23, 341-365	13
480	Transcranial photobiomodulation with near-infrared light from childhood to elderliness: simulation of dosimetry. 2020 , 7, 015009	10
479	Altered heartbeat perception sensitivity associated with brain structural alterations in generalised anxiety disorder. 2020 , 33, e100057	4
478	White matter changes compromise prefrontal cortex function in healthy elderly individuals. 2006 , 18, 418-29	96
477	Linking Lysosomal Enzyme Targeting Genes and Energy Metabolism with Altered Gray Matter Volume in Children with Persistent Stuttering. 2020 , 1, 365-380	6
476	Multisensory Integration and Aging. 2011 , 381-392	10
475	Multisensory Integration and Aging. 2011 , 381-392	6
474	Effect of Illiteracy on Cognition and Cerebral Morphology in Later Life. 2015 , 14, 149	2
473	Morphological Changes in Narcolepsy. 2013 , 10, 35-38	2
472	Prognostic and diagnostic potential of the structural neuroanatomy of depression. 2009 , 4, e6353	173
471	Episodic memory in detoxified alcoholics: contribution of grey matter microstructure alteration. 2009 , 4, e6786	46
470	Morphological and glucose metabolism abnormalities in alcoholic Korsakoff's syndrome: group comparisons and individual analyses. 2009 , 4, e7748	31
469	Dorsal visual pathway changes in patients with comitant extropia. 2010 , 5, e10931	35
468	White matter changes and word finding failures with increasing age. 2011 , 6, e14496	42
467	Breakfast staple types affect brain gray matter volume and cognitive function in healthy children. 2010 , 5, e15213	55

466	"Keep calm and carry on": structural correlates of expressive suppression of emotions. 2011 , 6, e16569	45
465	Age correction in dementia--matching to a healthy brain. 2011 , 6, e22193	132
464	Working memory training using mental calculation impacts regional gray matter of the frontal and parietal regions. 2011 , 6, e23175	121
463	Structural brain changes related to disease duration in patients with asthma. 2011 , 6, e23739	24
462	New insights into Alzheimer's disease progression: a combined TMS and structural MRI study. 2011 , 6, e26113	32
461	Sparse representation of brain aging: extracting covariance patterns from structural MRI. 2012 , 7, e36147	21
460	The influence of spatial registration on detection of cerebral asymmetries using voxel-based statistics of fractional anisotropy images and TBSS. 2012 , 7, e36851	35
459	Sexual dimorphism in healthy aging and mild cognitive impairment: a DTI study. 2012 , 7, e37021	19
458	Impact of brain-derived neurotrophic factor Val66Met polymorphism on cortical thickness and voxel-based morphometry in healthy Chinese young adults. 2012 , 7, e37777	33
457	Validating serum S100B and neuron-specific enolase as biomarkers for the human brain - a combined serum, gene expression and MRI study. 2012 , 7, e43284	51
456	Intrinsic brain connectivity related to age in young and middle aged adults. 2012 , 7, e44067	33
455	The structure of mindful brain. 2012 , 7, e46377	46
454	Alterations in white matter microstructure in neurofibromatosis-1. 2012 , 7, e47854	48
453	The interleukin 3 gene (IL3) contributes to human brain volume variation by regulating proliferation and survival of neural progenitors. 2012 , 7, e50375	28
452	Reduced visual cortex gray matter volume and thickness in young adults who witnessed domestic violence during childhood. 2012 , 7, e52528	85
451	The changes of cerebral morphology related to aging in Taiwanese population. 2013 , 8, e55241	2
450	Diminished activation of motor working-memory networks in Parkinson's disease. 2013 , 8, e61786	22
449	Length of Acupuncture Training and Structural Plastic Brain Changes in Professional Acupuncturists. 2013 , 8, e66591	6

448	Muscular weakness in individuals with HIV associated with a disorganization of the cortico-spinal tract: a multi-modal MRI investigation. 2013 , 8, e66810	8
447	Regional brain structural abnormality in meal-related functional dyspepsia patients: a voxel-based morphometry study. 2013 , 8, e68383	21
446	Brain white matter shape changes in amyotrophic lateral sclerosis (ALS): a fractal dimension study. 2013 , 8, e73614	33
445	Structural interactions within the default mode network identified by Bayesian network analysis in Alzheimer's disease. 2013 , 8, e74070	11
444	Magnetic resonance spectroscopic imaging and volumetric measurements of the brain in patients with postcancer fatigue: a randomized controlled trial. 2013 , 8, e74638	6
443	Neural correlates of emotional personality: a structural and functional magnetic resonance imaging study. 2013 , 8, e77196	81
442	Alcohol induces sensitization to gluten in genetically susceptible individuals: a case control study. 2013 , 8, e77638	11
441	Larger mid-dorsolateral prefrontal gray matter volume in young binge drinkers revealed by voxel-based morphometry. 2014 , 9, e96380	36
440	Differences between patterns of brain activity associated with semantics and those linked with phonological processing diminish with age. 2014 , 9, e99710	10
439	The effects of chronic cigarette smoking on gray matter volume: influence of sex. 2014 , 9, e104102	63
438	Right anterior insula: core region of hallucinations in cognitive neurodegenerative diseases. 2014 , 9, e114774	31
437	Regional gray matter density associated with cognitive reflectivity-impulsivity: evidence from voxel-based morphometry. 2015 , 10, e0122666	4
436	Anorexia Nervosa during Adolescence Is Associated with Decreased Gray Matter Volume in the Inferior Frontal Gyrus. 2015 , 10, e0128548	22
435	Natalizumab Significantly Improves Cognitive Impairment over Three Years in MS: Pattern of Disability Progression and Preliminary MRI Findings. 2015 , 10, e0131803	35
434	Proactive and Reactive Response Inhibition across the Lifespan. 2015 , 10, e0140383	36
433	Mapping Individual Brain Networks Using Statistical Similarity in Regional Morphology from MRI. 2015 , 10, e0141840	37
432	Brain Structural Correlates of Emotion Recognition in Psychopaths. 2016 , 11, e0149807	19
431	Fractal Dimension Analysis of Subcortical Gray Matter Structures in Schizophrenia. 2016 , 11, e0155415	18

430	Structural and Functional Brain Correlates of Cognitive Impairment in Euthymic Patients with Bipolar Disorder. 2016 , 11, e0158867	21
429	From Cortical and Subcortical Grey Matter Abnormalities to Neurobehavioral Phenotype of Angelman Syndrome: A Voxel-Based Morphometry Study. 2016 , 11, e0162817	11
428	Anatomic Correlation of the Mini-Mental State Examination: A Voxel-Based Morphometric Study in Older Adults. 2016 , 11, e0162889	22
427	Fully-Automated MRI Morphometric Phenotyping of the Tc1 Mouse Model of Down Syndrome. 2016 , 11, e0162974	10
426	Whole brain volume changes and its correlation with clinical symptom severity in patients with schizophrenia: A DARTEL-based VBM study. 2017 , 12, e0177251	24
425	Entorhinal Cortex Atrophy in Early, Drug-naïve Parkinson's Disease with Mild Cognitive Impairment. 2019 , 10, 1221-1232	25
424	Association of a risk allele of ANK3 with cognitive performance and cortical thickness in patients with first-episode psychosis. 2014 , 39, 31-9	24
423	Emergence of β Band Oscillations in the Aged Rat Amygdala during Discrimination Learning and Decision Making Tasks. 2017 , 4,	4
422	Cortical Afferents and Myeloarchitecture Distinguish the Medial Intraparietal Area (MIP) from Neighboring Subdivisions of the Macaque Cortex. 2017 , 4,	19
421	Longitudinal magnetic resonance imaging studies of older adults: a shrinking brain. 2003 , 23, 3295-301	962
420	Correlation between voxel based morphometry and manual volumetry in magnetic resonance images of the human brain. 2008 , 80, 149-56	17
419	Regeneraõ de atrofia de substância branca após a cirurgia de epilepsia: evidências estruturais através da morfometria baseada em voxel. 2009 , 15, 07-11	2
418	Developing clinically practical transcranial direct current stimulation protocols to improve saccadic eye movement control. 2017 , 10,	9
417	Structural Brain Neuroimaging in Primary Insomnia. 2015 , 6, 50-53	3
416	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. 2019 , 11, 5943-5974	5
415	Aberrant brain grey matter volume patterns differ among Chinese Han drug-naïve depression patients with acute and chronic stress. 2017 , 8, 91958-91964	1
414	Differences in brain gray matter volume in patients with Crohn's disease with and without abdominal pain. 2017 , 8, 93624-93632	10
413	A neuroanatomical basis for the frequency of discrete spontaneous activities in schizophrenia. 2009 , 3, 48-53	2

412	Repeatability of Brain Volume Measurements Made with the Atlas-based Method from T-weighted Images Acquired Using a 0.4 Tesla Low Field MR Scanner. 2016 , 15, 365-370	9
411	The parahippocampal gyrus as a neural marker of early remission in first-episode psychosis: a voxel-based morphometry study. 2011 , 4, 217-28	26
410	Tracking the Cognitive, Social, and Neuroanatomical Profile in Early Neurodegeneration: Type III Cockayne Syndrome. 2013 , 5, 80	17
409	Is the Retina a Mirror of the Aging Brain? Aging of Neural Retina Layers and Primary Visual Cortex Across the Lifespan. 2019 , 11, 360	11
408	Voxel-based analyses of magnetization transfer imaging of the brain in hepatic encephalopathy. 2009 , 15, 5157-64	15
407	Cerebral magnetic resonance imaging in quiescent Crohn's disease patients with fatigue. 2017 , 23, 1018-1029	9
406	Brain structure changes over time in normal and mildly impaired aged persons. 2020 , 7, 120-135	2
405	Magnetic resonance morphometry of the loss of gray matter volume in Parkinson's disease patients. 2013 , 8, 2557-65	10
404	Differences in brain structure in patients with distinct sites of chronic pain: A voxel-based morphometric analysis. 2013 , 8, 2981-90	24
403	La régulation des motions au cours du vieillissement normal. 2013 , 113, 595-628	8
402	Cerebrospinal Fluid Egress from the Quadripolar Deep Brain Stimulation Electrode for Anterior Nucleus of the Thalamus for Refractory Epilepsy. 2018 , 13, 407-410	2
401	Evaluating the Impact of Different Factors on Voxel-Based Classification Methods of ADNI Structural MRI Brain Images. 2011 , 1, 1-10	4
400	Magnetic resonance imaging and neuropsychological testing in the spectrum of normal aging. 2013 , 68, 1197-205	2
399	Differences in topological progression profile among neurodegenerative diseases from imaging data. 2019 , 8,	8
398	The many facets of brain aging. 2020 , 9,	3
397	Chimpanzee brain morphometry utilizing standardized MRI preprocessing and macroanatomical annotations. 2020 , 9,	8
396	Primary dystonia: conceptualizing the disorder through a structural brain imaging lens. 2013 , 3,	25
395	Proficiency in Using Level Cue for Sound Localization Is Related to the Auditory Cortical Structure in Patients With Single-Sided Deafness. 2021 , 15, 749824	0

394	Transmission of amyloid-beta and tau pathologies is associated with cognitive impairments in a primate. 2021 , 9, 165	4
393	Reduced age-related gray matter loss in the subgenual cingulate cortex in long-term meditators. 2021 , 1	1
392	MRI-derived brain age as a biomarker of ageing in rats: validation using a healthy lifestyle intervention. 2021 , 109, 204-215	1
391	Epileptogenic Zone Localization in Refractory Epilepsy by FDG-PET: The Comparison of SPM and SPM-CAT With Different Parameter Settings. 2021 , 12, 724680	0
390	Inter- and Intra-Scanner Variability of Automated Brain Volumetry on Three Magnetic Resonance Imaging Systems in Alzheimer's Disease and Controls. 2021 , 13, 746982	1
389	Spatially Covarying Patterns of Gray Matter Volume and Concentration Highlight Distinct Regions in Schizophrenia. 2021 , 15, 708387	1
388	Reduced Fusiform Gyrus Activation During Face Processing in Pediatric Brain Tumor Survivors. 2021 , 1-10	
387	Decreased frontotemporal connectivity in patients with parkinson's disease experiencing face pareidolia. 2021 , 7, 90	0
386	Cytoarchitectonically-defined volumes of early extrastriate visual cortex in unmedicated adults with body dysmorphic disorder. 2021 ,	
385	Neural correlates of orbital telorism. 2021 , 145, 315-326	
384	No structural brain alterations in new daily persistent headache - a cross sectional VBM/SBM study. 2021 , 3331024211045653	2
383	Increased neural motor activation and functional reorganization in patients with idiopathic rapid eye movement sleep behavior disorder. 2021 , 92, 76-82	0
382	Using Voxel-Based Morphometry to Examine Atrophy-Behavior Correlates in Alzheimer's Disease and Frontotemporal Dementia. 2002 , 770-776	
381	Cerebral atrophy as predictor of cognitive function in old, community-dwelling individuals. 2003 , 061120065753030	
380	Temporal Lobe Epilepsy Surgical Outcome Prediction. 2004 , 696-702	
379	Bildgebung und kognitive Neuropsychiatrie. 2004 , 382-395	
378	Applied Computational Neuroanatomy in Disease. 2004 , 125-147	
377	Instrumentation in Nuclear Medicine. 2004 , 13-32	

- 376 Functional and structural neuroimaging studies of plasticity and functional recovery. **2005**, 25, S714-S714
- 375 OSA Brain Morphology Differences. **2005**, 172, 1057-1058
- 374 NEW NEUROIMAGING TECHNOLOGY. **2006**, 6, 24-25
- 373 CDC RECOMMENDS SHINGLES VACCINE. **2006**, 6, 29-30
- 372 Pertes et gains dans le développement adulte. **2007**, 30 / n° 123, 109 ○
- 371 Insights into Brain Connectivity Using Quantitative MRI Measures of White Matter. **2007**, 221-271
- 370 Voxel-Based Morphometry Reveals Gray Matter Abnormalities in Migraine. **2007**, 070222151332010-???
- 369 Aging and Gender. **2009**, 1-15
- 368 Role of Imaging Techniques in Discerning Neurobehavioral Changes in Ischemic, Neurodegenerative and Demyelinating Disorders. **2009**, 17-54
- 367 Zusatzdiagnostik. **2009**, 69-102
- 366 Brain Anatomical Abnormalities in Schizophrenia: Neurodevelopmental Origins and Patterns of Progression over Time. **2010**, 113-148
- 365 Imaging CNS Disease States: Alzheimer's Disease. **2010**, 303-318
- 364 Structural Imaging of Mild Cognitive Impairment. **2009**, 169-182
- 363 Allgemeine Psychologie I. **2010**, 105-130 1
- 362 Analysis of Magnetic Resonance Imaging Data on the Study of Alzheimer's Disease. **2010**, 20, 1123-1138
- 361 Zusatzdiagnostik. **2012**, 63-89
- 360 Grundlagen. **2012**, 5-110
- 359 Identification of OCD-Relevant Brain Areas through Multivariate Feature Selection. **2012**, 60-67

- 358 Neuroimage Classification for Early Diagnosis of Alzheimer's Disease. **2012**, 336-350
- 357 Functional and Structural MRI: Theoretical Background and Practical Aspects. **2012**, 269-317
- 356 Cross-sectional Studies on the Influence of Exercise on Brain Structure, Functional Activation, and Cognition in Health and Disease. **2012**, 467-481
- 355 Structural Imaging of the "Hallucinating" Brain in Schizophrenia. **2013**, 343-358
- 354 Brain Imaging Techniques and Their Application to Bipolar Disorder. **2012**, 3-16
- 353 Immune Responses in HIV Infection, Alcoholism, and Aging: A Neuroimaging Perspective. **2013**, 441-476
- 352 Grundlagen der Morphometrie. **2013**, 87-101
- 351 Tool zur integrierten Analyse von Struktur, Funktion und Konnektivität: SPM Anatomy Toolbox. **2013**, 779-797
- 350 Altersabhängige Effekte. **2013**, 215-227
- 349 Emozioni in vecchiaia. **2013**, 293-308
- 348 Measurement of cerebral atrophy in multiple sclerosis. **2013**, 134-147
- 347 Das Zentralnervensystem. **2014**, 225-249
- 346 Aging. **2014**, 319-341
- 345 Aberrant Gray Matter Structure Associated with Sleep Disturbance in the Drug Naïve Subjects with Alzheimer's Disease. **2014**, 5, 43-48
- 344 Healthy Adult Aging and Decision-Making: Is It All Downhill from Here?.
- 343 Zusatzdiagnostik. **2015**, 59-85
- 342 Morphometric Biomarkers of Addiction and Treatment Response. **2015**, 111-124
- 341 HASE: Framework for efficient high-dimensional association analyses.

340 Genetics: Facts and Perspectives and Andrea Ginestroni. **2016**, 127-154

339 Brain structure in pediatric Tourette syndrome. 1

338 Bayesian model reveals latent atrophy factors with dissociable cognitive trajectories in Alzheimer’s disease. 1

337 Joint analysis of area and thickness as a replacement for the analysis of cortical volume.

336 Brain Mapping Using Neuroimaging. **2016**, 46, 179-183

335 Understanding Medical Images Based on Computational Anatomy Models. **2017**, 151-284 1

334 Encyclopedia of Clinical Neuropsychology. **2017**, 1-2 1

333 Multi-method brain imaging reveals impaired representations as well as altered connectivity in adults with dyscalculia.

332 Chapter 3. How aging and bilingualism influence language processing. 21-53

331 The Neurocognitive Architecture of Individual Differences in Math Anxiety in Typical Children.

330 Chapter 9. Bilingualism, cognitive reserve and Alzheimer’s disease. 185-203 1

329 2D:4D and spatial abilities: From rats to humans.

328 Magnetic resonance imaging does not reveal structural alterations in the brain of synesthetes. 1

327 Bayesian Optimisation for Neuroimaging Pre-processing in Brain Age Prediction.

326 Encyclopedia of Personality and Individual Differences. **2018**, 1-11

325 About regeneration of the brain (Lecture I). **2018**, 74-80

324 Morphometry in Normal Aging. **2018**, 165-181

323 Encyclopedia of Clinical Neuropsychology. **2018**, 3668-3669

322 Multicenter Studies of Brain Morphometry. **2018**, 203-214

321 Personality Is Reflected in Brain Morphometry. **2018**, 451-468

320 Healthy Ageing and Sentence Production: Disrupted Lexical Access in the Context of Intact Syntactic Planning.

319 Sarcopenia. **2018**, 113-121

318 The Brain-Derived Neurotrophic Factor Val66Met Genotype Does Not Influence the Grey or White Matter Structures Underlying Recognition Memory.

317 High-dimensional mapping of cognition to the brain using voxel-based morphometry and subcortical shape analysis.

316 Active Acquisition for multimodal neuroimaging. **2018**, 3, 145

2

315 Interregional causal influences of brain metabolic activity reveal the spread of aging effects during normal aging.

314 Effects of a 3-week Exercise-based Intervention Program for Elderly Fibromyalgia Inpatients on Pain, Physical and Attention Abilities, Quality of Living, and Cerebral Blood Flow. **2019**, 34, 839-846

2

313 Zusatzdiagnostik. **2019**, 53-73.e1

312 Locality Preserving Projection of Functional Connectivity for Regression. **2019**, 123-147

311 Language-Related White-Matter-Tract Deficits in Children with Benign Epilepsy with Centrotemporal Spikes: A Retrospective Study. **2019**, 15, 502-510

310 Lobule-specific dosage considerations for cerebellar transcranial direct current stimulation during healthy aging – a computational modeling study using age-specific MRI templates.

1

309 Grey matter volume changes and corresponding cellular metrics identified in a longitudinal in vivo imaging approach.

0

308 Diffusion Tensor Tractography of Brainstem Fibers and Its Application in Pain.

307 Longitudinal stability of the brain functional connectome is associated with episodic memory performance in aging.

306 Brain-predicted age difference score is related to specific cognitive functions: A multi-site replication analysis.

1

305 Quantification of anticipation of excitement with three-axial model of emotion with EEG.

1

- 304 Changes in the intracranial volume from early adulthood to the sixth decade of life: A longitudinal study.
- 303 Mapping the living mouse brain neural architecture: strain specific patterns of brain structural and functional connectivity.
- 302 Active Acquisition for multimodal neuroimaging. **2018**, 3, 145 1
- 301 Gray matter volume and estimated brain age gap are not associated with sleep-disordered breathing in subjects from the ADNI cohort.
- 300 Cohort Profile: the Oxford Parkinson's Disease Centre Discovery Cohort Magnetic Resonance Imaging sub-study (OPDC-MRI).
- 299 Estimating brain age from structural MRI and MEG data: Insights from dimensionality reduction techniques.
- 298 Regional and hemispheric susceptibility of the temporal lobe to FTLT-DTP type C pathology.
- 297 Linking lysosomal enzyme targeting genes and energy metabolism with altered gray matter volume in children with persistent stuttering. 1
- 296 Encyclopedia of Gerontology and Population Aging. **2020**, 1-7
- 295 Grant Report on the Effects of Childhood Maltreatment on Neurocircuitry in Adolescent Depression. **2020**, 5, 1
- 294 The effect of age and gender on cognitive and psychomotor abilities measured by computerized series tests: a cross-sectional study. **2020**, 61, 82-92 1
- 293 Chimpanzee Brain Morphometry Utilizing Standardized MRI Preprocessing and Macroanatomical Annotations. 0
- 292 The trajectory of cortical GABA levels across the lifespan: An individual participant data meta-analysis of edited MRS studies. 0
- 291 Transcriptional Signatures of Synaptic Vesicle Genes Define Myotonic Dystrophy Type I Neurodegeneration.
- 290 The Contribution of Brain Structural and Functional Variance in Predicting Age, Sex and Treatment.
- 289 Neural effects of placebo analgesia in fibromyalgia patients and healthy individuals.
- 288 Relations between hemispheric asymmetries of grey matter and auditory processing of spoken syllables in 281 healthy adults.
- 287 Voxel-based Morphometry Analysis for Healthy Aging and Cognitive Function. **2020**, 40, 377-384

- 286 Age-related decline in cortical inhibitory tone strengthens motor memory. *NeuroImage*, **2021**, 245, 118681 ○
- 285 Cross-sectional volumes and trajectories of the human brain, gray matter, white matter and cerebrospinal fluid in 9,473 typically aging adults.
- 284 Conditioned fear reactions are associated with gray matter density but not cortical microstructure.
- 283 Reduced grey- and white matter volumes due to unilateral hearing loss following treatment for vestibular schwannoma. **2020**, 6, e05658 1
- 282 Predictors of Good Outcomes in Stroke Thrombolysis Guided by Tissue-Window. **2020**, 26, 1-5 1
- 281 A 3D-CNN Classifier for Gender Discrimination from Diffusion Tensor Imaging of Human Brain. **2020**
- 280 Age-related decline in cortical inhibitory tone strengthens motor memory. ○
- 279 Bibliographie. **2013**, 437-459
- 278 Aging, Hearing Loss, and Listening Effort: Imaging Studies of the Aging Listener. **2020**, 231-256 1
- 277 Gray Matter Involvement in Schizophrenia: Evidence from Magnetic Resonance Imaging Studies. **2020**, 27-53 ○
- 276 Voxel-based morphometry in patients with mood disorder bipolar I mania in comparison to normal controls. **2020**, 51, ○
- 275 A Review of Platform-Dependent Processing of Sex Effects in the Study on Brain Structure. **2020**, 10, 1253-1258
- 274 Encyclopedia of Personality and Individual Differences. **2020**, 3190-3200
- 273 The functional foundations of episodic memory remain stable throughout the lifespan. 1
- 272 Hippocampal and Parahippocampal Grey Matter Structural Integrity Assessed by Multimodal Imaging is Associated With Episodic Memory in Old Age. 1
- 271 Transcranial Photobiomodulation with Near-Infrared Light from Childhood to Elderliness: Simulation of Dosimetry. ○
- 270 Brain structures associated with reading and their abnormalities in dyslexia: a whole-brain analysis.
- 269 Automatic Landmark-guided Bijective Brain Image Registration by Composing Region-based Locally Diffeomorphic Warpings.

268	Functional and Structural Alteration of Default Mode, Executive Control, and Salience Networks in Alcohol Use Disorder. 2021 , 12, 742228	0
267	Magnetic resonance T1w/T2w ratio and voxel-based morphometry in multiple system atrophy. 2021 , 11, 21683	2
266	Resting State Networks Related to the Maintenance of Good Cognitive Performance During Healthy Aging. 2021 , 15, 753836	0
265	Quantitative evaluation of gray matter alterations in patients with mesial temporal lobe epilepsy (MTLE). 2021 , 1, 100018	2
264	Sparse parallel independent component analysis and its application to identify linked genomic and gray matter alterations underlying working memory impairment in attention-deficit/hyperactivity disorder.	0
263	Predicting the future development of mild cognitive impairment in the cognitively healthy elderly.	
262	Neuroimaging of Normal Brain Aging. 2005 , 355-361	
261	Multimodality in Functional Neuroimaging. 2007 , 189-207	
260	Combined Analysis of Resting-State fMRI and DTI Data Reveals Abnormal Development of Function-Structure in Early-Onset Schizophrenia. 2008 , 628-635	4
259	Adaptive smoothing strategies to eliminate the scalp/ventricle artifact in statistical parametric mapping.	
258	Inter-individual variations in electric fields induced in the brain by exposure to uniform magnetic fields at 50 Hz. 2020 , 65, 215006	1
257	Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. 2020 , 12, 16709-16743	0
256	Differential patterns of gyral and sulcal morphological changes during normal aging process.	
255	Immediate impact of transcranial magnetic stimulation on brain structure: short-term neuroplasticity following one session of cTBS.	
254	Investigating the effects of healthy cognitive aging on brain functional connectivity using 4.7 T resting-state functional Magnetic Resonance Imaging.	
253	Interactions Between Age, Sex, Menopause, and Brain Structure at Midlife: A UK Biobank Study. 2021 , 106, 410-420	5
252	Normal ageing of the brain: Histological and biological aspects. 2020 , 176, 649-660	3
251	Topography of cerebral atrophy in early Huntington's disease: a voxel based morphometric MRI study. 2004 , 75, 213-20	160

250	Voxel based morphometry reveals a distinct pattern of frontal atrophy in progressive supranuclear palsy. 2004 , 75, 246-9	94
249	Rostral anterior cingulate volume predicts treatment response to cognitive-behavioural therapy for posttraumatic stress disorder. 2008 , 33, 142-6	105
248	Enhanced rostral anterior cingulate cortex activation during cognitive control is related to orbitofrontal volume reduction in unipolar depression. 2008 , 33, 199-208	72
247	Association of total tau and phosphorylated tau 181 protein levels in cerebrospinal fluid with cerebral atrophy in mild cognitive impairment and Alzheimer disease. 2009 , 34, 136-42	27
246	Clinical translation of neuroimaging research in mood disorders. 2006 , 3, 46-57	2
245	Functional Dedifferentiation and Altered Connectivity in Older Adults: Neural Accounts of Cognitive Aging. 2011 , 2, 30-48	85
244	[New perspectives on Alzheimer's disease from neuroimaging]. 2010 , 50 Suppl 5, S23-6	1
243	Voxel-based Morphometry of Brain MRI in Normal Aging and Alzheimer's Disease. 2013 , 4, 29-37	56
242	Whole-brain voxel-based morphometry study of children and adolescents with Down syndrome. 2013 , 28, 19-28	49
241	Structural gray matter change early in male patients with HIV. 2014 , 7, 3362-9	10
240	Gray matter atrophy in patients with Parkinson's disease and those with mild cognitive impairment: a voxel-based morphometry study. 2015 , 8, 15383-92	16
239	Voxel-based morphometric comparison between early- and late-onset mild Alzheimer's disease and assessment of diagnostic performance of z score images. 2005 , 26, 333-40	148
238	Local tissue damage assessed with statistical mapping analysis of brain magnetization transfer ratio: relationship with functional status of patients in the earliest stage of multiple sclerosis. 2005 , 26, 119-27	56
237	Differences in brain structure in deaf persons on MR imaging studied with voxel-based morphometry. 2007 , 28, 243-9	68
236	Cognitive aging, executive function, and fractional anisotropy: a diffusion tensor MR imaging study. 2007 , 28, 226-35	234
235	Whole-brain and regional brain atrophy in amyotrophic lateral sclerosis. 2007 , 28, 255-9	104
234	Regional assessment of brain atrophy: a novel approach to achieve a more complete picture of tissue damage associated with central nervous system disorders?. 2007 , 28, 260-1	5
233	Whole-brain histogram and voxel-based analyses of apparent diffusion coefficient and magnetization transfer ratio in celiac disease, epilepsy, and cerebral calcifications syndrome. 2007 , 28, 479-85	9

- 232 Encyclopedia of Gerontology and Population Aging. **2021**, 3465-3471
- 231 Neuroanatomical anomalies associated with rare mutations in people who stutter. **2021**, 3, fcab266
- 230 Birth Cohorts and Cognitive Reserve Influence Cognitive Performances in Older Adults. **2021**, 1
- 229 Characteristics of Neural Network Changes in Normal Aging and Early Dementia. **2021**, 13, 747359 4
- 228 Decision-Making Support for People With Alzheimer's Disease: A Narrative Review. **2021**, 12, 750803 0
- 227 The Functional Connectivity Between Right Middle Temporal Gyrus and Right Superior Frontal Gyrus Impacted Procrastination through Neuroticism. **2021**, 0
- 226 Proportional Changes in Cognitive Subdomains During Normal Brain Aging. **2021**, 13, 673469 2
- 225 Free-Living Physical Activity Measured With a Wearable Device Is Associated With Larger Hippocampus Volume and Greater Functional Connectivity in Healthy Older Adults: An Observational, Cross-Sectional Study in Northern Portugal.. **2021**, 13, 729060 0
- 224 Cognitive and Behavior Deficits in Parkinson's Disease with Alteration of FDG-PET Irrespective of Age. **2021**, 6, 1
- 223 Patterns of brain neurodegeneration in early-stage relapsing-remitting multiple sclerosis. 1
- 222 Linking gene expression patterns and brain morphometry to trauma and symptom severity in patients with functional seizures.
- 221 Brain MRI Image Analysis Technologies and its Application to Medical Image Analysis of Alzheimer's Diseases. **2022**, 157-162
- 220 Le paradoxe de l'âge : une revue critique des modèles explicatifs. **2017**, Vol. 117, 221-249
- 219 A Practical Alzheimer Disease Classifier via Brain Imaging-Based Deep Learning on 85,721 Samples: A Multicentre, Retrospective Cohort Study.
- 218 Cortical signature related to psychometric properties of pain vigilance in healthy individuals: A voxel-based morphometric study.. **2022**, 772, 136445 0
- 217 Neural basis underlying the association between expressive suppression and procrastination: The mediation role of the dorsolateral prefrontal cortex.. **2021**, 157, 105832
- 216 Auto-kNN: Brain Tissue Segmentation using Automatically Trained k-Nearest-Neighbor Classification. **2013**, 2
- 215 Dissociating regional gray matter density and gray matter volume in autism spectrum condition.. **2021**, 32, 102888 1

214	An Imaging Genetics Study Based on Brain-wide Genome-wide Association for Identifying Quantitative Trait Loci Related to Pain Sensitivity. 2021 ,		
213	Brain volume patterns in corticobasal syndrome versus idiopathic Parkinson's disease.. 2022 ,		
212	A snapshot of brain and cognition in healthy mid-life and older adults.		0
211	Model-based stratification of progression along the Alzheimer disease continuum highlights the centrality of biomarker synergies.. 2022 , 14, 16		0
210	Brain Morphometry and Cognitive Performance in Normal Brain Aging: Age- and Sex-Related Structural and Functional Changes.. 2021 , 13, 713680		0
209	Ipsilesional volume loss of basal ganglia and thalamus is associated with poor hand function after ischemic perinatal stroke.. 2022 , 22, 23		0
208	Restoration of aberrant shape of caudate sub-regions associated with cognitive function improvement in mild traumatic brain injury.. 2022 ,		2
207	Cerebellar degeneration in primary lateral sclerosis: an under-recognized facet of PLS.. 2022 , 1-12		2
206	Humanized CYP2C19 transgenic mouse as an animal model of cerebellar ataxia.		
205	APOE ϵ effects on hippocampal atrophy in the healthy elderly reflect future cognitive decline.		
204	Normalized Brain Tissue-Level Evaluation of Volumetric Changes of Youth Athletes Participating in Collision Sports.. 2022 , 3, 57-69		1
203	Superior frontal gyrus and middle temporal gyrus connectivity mediates the relationship between neuroticism and thought suppression.. 2022 , 1		0
202	Neurodegenerative and functional signatures of the cerebellar cortex in m.3243A > G patients.. 2022 , 4, fcac024		0
201	Reserve and maintenance in the aging brain: A longitudinal study of healthy older adults.. 2022 ,		0
200	How the motor system copes with aging: a quantitative meta-analysis of the effect of aging on motor function control.. 2022 , 5, 79		1
199	A comparison between diffusion tensor imaging and generalized q-sampling imaging in the age prediction of healthy adults via machine learning approaches.. 2022 ,		
198	Charting human subcortical maturation across the adult lifespan with in vivo 7 T MRI.. <i>NeuroImage</i> , 2022 , 249, 118872	7.9	1
197	Structural Asymmetries in Normal Brain Anatomy: A Brief Overview.. 2022 , 151894		0

196 Functional and volumetric cortico-cerebellar alterations in congenital blind children associated with language processing. **2022**, 10-11, 100038

195 Structural Neuroimaging: From Macroscopic to Microscopic Scales. **2022**, 1-35

194 Multidimensional inhibitory signatures of sentential negation in behavioral variant frontotemporal dementia.. **2022**, 1

193 Characterization of Hippocampal-Thalamic-Cortical Morphometric Reorganization in Temporal Lobe Epilepsy.. **2021**, 12, 810186 0

192 Advanced brain age in deployment-related traumatic brain injury: A LIMBIC-CENC neuroimaging study.. **2022**, 1-11 0

191 Shame proneness is associated with individual differences in temporal pole white matter structure.. **2022**, 1-10

190 The Effect of Housing System and Gender on Relative Brain Weight, Body Temperature, Hematological Traits, and Bone Quality in Muscovy Ducks.. **2022**, 12,

189 The Effect of Aging on Brain Glucose Metabolic Connectivity Revealed by [F]FDG PET-MR and Individual Brain Networks.. **2021**, 13, 798410

188 Simultaneous assessment of regional distributions of atrophy across the neuraxis in MS patients.. **2022**, 34, 102985 0

187 Brain Structure and Optimism Bias: A Voxel-Based Morphometry Approach.. **2022**, 12, 0

186 Qualitative and Quantitative Comparison of Hippocampal Volumetric Software Applications: Do All Roads Lead to Rome?. **2022**, 10,

185 Common and distinct cortico-striatal volumetric changes in cocaine and heroin use disorder.

184 A novel method for estimating connectivity-based parcellation of the human brain from diffusion MRI: Application to an aging cohort.. **2022**, 0

183 Tau and the fractionated default mode network in atypical Alzheimer's disease.. **2022**, 4, fcac055 0

182 "CityQuest," A Custom-Designed Serious Game, Enhances Spatial Memory Performance in Older Adults.. **2022**, 14, 806418 1

181 Brain imaging techniques and their application to bipolar disorder. **2022**, 1-14

180 Proportional intracranial volume correction differentially biases behavioral predictions across neuroanatomical features and populations. 0

179 Cross-Sectional Investigation of Brain Volume in Dyslexia.. **2022**, 13, 847919 0

178	A comparison of intracranial volume estimation methods and their cross-sectional and longitudinal associations with age.		
177	Individual differences in brain structure and self-reported empathy in children.. 2022 , 1		1
176	Linking interindividual variability in brain structure to behaviour.. 2022 ,		1
175	Fornix volumetric increase and microglia morphology contribute to spatial and recognition-like memory decline in ageing male mice.. <i>NeuroImage</i> , 2022 , 119039	7.9	0
174	A novel MRI-based quantitative water content atlas of the human brain.. <i>NeuroImage</i> , 2022 , 252, 119014	7.9	0
173	Connectomic-genetic signatures in the cerebral small vessel disease.. 2022 , 105671		0
172	The association between inadequate sleep and accelerated brain ageing.. 2022 , 114, 1-14		0
171	Across the adult lifespan the ipsilateral sensorimotor cortex negative BOLD response exhibits decreases in magnitude and spatial extent suggesting declining inhibitory control.. <i>NeuroImage</i> , 2022 , 119081	7.9	0
170	Is it left or is it right? A classification approach for investigating hemispheric differences in low and high dimensionality. 2021 , 227, 425		
169	Precision Preventive Medicine of Relapse in Smoking Cessation: Can MRI Inform the Search of Intermediate Phenotypes?. 2021 , 11,		0
168	Association of β Amyloid and Basal Forebrain With Cortical Thickness and Cognition in Alzheimer and Lewy Body Disease Spectra.. 2021 ,		1
167	Age- and sex-related differences in baboon (<i>Papio anubis</i>) gray matter covariation.		
166	Oxytocin Release Increases With Age and Is Associated With Life Satisfaction and Prosocial Behaviors.. 2022 , 16, 846234		1
165	Landmark-guided region-based spatial normalization for functional magnetic resonance imaging.. 2022 ,		0
164	Table_1.docx. 2020 ,		
163	Image_1.pdf. 2019 ,		
162	Image1.PDF. 2018 ,		
161	Table1.PDF. 2018 ,		

160 Presentation_1.PDF. **2018**,

159 Data_Sheet_1.docx. **2018**,

158 Image_1.TIF. **2018**,

157 Image_2.TIF. **2018**,

156 Image_1.pdf. **2019**,

155 Image_2.pdf. **2019**,

154 Image_3.pdf. **2019**,

153 Data_Sheet_1.docx. **2018**,

152 Data_Sheet_1.PDF. **2018**,

151 Table_1.pdf. **2020**,

150 Table_1.pdf. **2019**,

149 Image_1.JPEG. **2019**,

148 Image_2.JPEG. **2019**,

147 Image_3.JPEG. **2019**,

146 Presentation_1.pdf. **2019**,

145 Data_Sheet_1.docx. **2018**,

144 Table_1.DOCX. **2019**,

143 Table_1.DOCX. **2020**,

142 Table_2.DOCX. **2020**,

141 Table_1.XLS. **2018**,

140 Table_2.XLSX. **2018**,

139 Data_Sheet_1.PDF. **2020**,

138 Data_Sheet_1.docx. **2019**,

137 Table_1.docx. **2020**,

136 Table_2.docx. **2020**,

135 DataSheet_1.docx. **2020**,

134 Image_1.JPEG. **2018**,

133 Table_1.DOC. **2018**,

132 Table_2.DOC. **2018**,

131 Table_3.DOC. **2018**,

130 Data_Sheet_1.PDF. **2019**,

129 Presentation_1.pdf. **2019**,

128 Table_1.doc. **2020**,

127 Decentralized Spatially Constrained Source-Based Morphometry. **2022**,

0

126 Superior Longitudinal Fasciculus: A Review of the Anatomical Descriptions With Functional Correlates.. **2022**, 13, 794618

1

125 Magnetic resonance elastography of the ageing brain in normal and demented populations: A systematic review.. **2022**,

2

- 124 Increased Gray Matter Volume Induced by Chinese Language Acquisition in Adult Alphabetic Language Speakers.. **2022**, 13, 824219
- 123 Structural and Functional Correlates of Higher Cortical Brain Regions in Chronic Refractory Cough.. **2022**, ○
- 122 Brain age in chronic traumatic brain injury.. **2022**, 35, 103039
- 121 Deep learning-based brain age prediction in normal aging and dementia. **2022**, 2, 412-424 2
- 120 Structural MRI-Based Schizophrenia Classification Using Autoencoders and 3D Convolutional Neural Networks in Combination with Various Pre-Processing Techniques. **2022**, 12, 615 ○
- 119 Age-related volumetric alterations in hippocampal subiculum region are associated with reduced retention of the "when" memory component.. **2022**, 160, 105877
- 118 Association between empathy and drinking among a community sample of heavy drinkers: Sex differences and neural correlates.. **2022**, 132, 107346
- 117 Deformation Fields: A new source of information to predict Brain Age.. **2022**, 1
- 116 Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. **2022**, 16, ○
- 115 Relation between Step-To-Step Transition Strategies and Walking Pattern in Older Adults. **2022**, 12, 5055
- 114 Chronic Consumption of Cranberries (*Vaccinium macrocarpon*) for 12 Weeks Improves Episodic Memory and Regional Brain Perfusion in Healthy Older Adults: A Randomised, Placebo-Controlled, Parallel-Groups Feasibility Study. **2022**, 9, ○
- 113 Manual Lesion Segmentation. **2022**, 27-51
- 112 Voxel-Based Brain-Behavior Mapping in Neurodegenerative Diseases. **2022**, 135-147
- 111 A comparison of intracranial volume estimation methods and their cross-sectional and longitudinal associations with age. ○
- 110 Gray matter microstructural alterations in manganese-exposed welders: a preliminary neuroimaging study.
- 109 Effects of Diastolic Blood Pressure on Brain Structures and Cognitive Functions in Middle and Old Ages: Longitudinal Analyses. **2022**, 14, 2464 ○
- 108 Proportional intracranial volume correction differentially biases behavioral predictions across neuroanatomical features, sexes, and development. *NeuroImage*, **2022**, 119485 7.9 ○
- 107 Brain Neural Underpinnings of Interoception and Decision-Making in Alzheimer's Disease: A Narrative Review. 16, ○

106	Effects of aging on functional connectivity in a neurodegenerative risk cohort: resting state versus task measurement using near-infrared spectroscopy. 2022 , 12,	1
105	SPAMRI: A MATLAB Toolbox for Surface-Based Processing and Analysis of Magnetic Resonance Imaging. 16,	0
104	Aberrant hippocampal shape development in young adults with heavy cannabis use: Evidence from a longitudinal study. 2022 , 152, 343-351	1
103	Development of high quality T1-weighted and diffusion tensor templates of the older adult brain in a common space. <i>NeuroImage</i> , 2022 , 260, 119417	7.9 0
102	Mid-term MRI evaluation reveals microstructural white matter alterations in COVID-19 fully recovered subjects with anosmia presentation. 2022 , 15, 175628642211119	1
101	The characteristics of glucose metabolism and functional connectivity in posterior default network during nondemented aging: relationship with executive function performance.	0
100	Accurate sex prediction of cisgender and transgender individuals without brain size bias.	0
99	Brain atrophy in middle age using magnetic resonance imaging scans from Japan's health screening programme. 2022 , 4,	1
98	Quantitatively assessing aging effects in rapid motor behaviours: a cross-sectional study. 2022 , 19,	0
97	Cerebellar and brainstem differences in children with developmental coordination disorder: A voxel-based morphometry study. 16,	0
96	Altered asymmetries of resting-state MRI in the left thalamus of first-episode schizophrenia.	0
95	Causal machine learning for healthcare and precision medicine. 2022 , 9,	3
94	Structural covariance of the ventral visual stream predicts posttraumatic intrusion and nightmare symptoms: a multivariate data fusion analysis. 2022 , 12,	0
93	Magnetic Resonance T1w/T2w Ratio in the Putamen and Cerebellum as a Marker of Cognitive Impairment in MSA: a Longitudinal Study.	
92	Associations Between Sub-Threshold Amyloid-Deposition, Cortical Volume, and Cognitive Function Modulated by APOE e4 Carrier Status in Cognitively Normal Older Adults. 2022 , 1-14	
91	3D object simplification using chain code-based point clouds.	
90	Connectome-based predictive models using resting-state fMRI for studying brain aging.	0
89	Association of amygdala size with stress perception: findings of a transversal study across the lifespan..	0

- 88 Why can spontaneous intracranial hypotension cause behavioral changes? A case report and multimodality neuroimaging comparison with frontotemporal dementia. **2022**,
- 87 Empirical facts from search for replicable associations between cortical thickness and psychometric variables in healthy adults. **2022**, 12,
- 86 Relations of gray matter volume to dimensional measures of cognition and affect in mood disorders. **2022**,
- 85 Higher socioeconomic status strengthens confidence facing the COVID-19 pandemic for the males rather than females: the predictive role of left hippocampus.
- 84 Linking gene expression patterns and brain morphometry to trauma and symptom severity in patients with functional seizures. **2022**, 326, 111533
- 83 Ensemble learning using traditional machine learning and deep neural network for diagnosis of Alzheimer's disease. **2022**, 13, 255-263 3
- 82 Anti-Correlated Myelin-Sensitive MRI Levels in Humans Reveal a Subcortical to Sensorimotor Regulatory Process. Multi-Cohort Multi-Modal Evidence.
- 81 "Nothing to see here" No structural brain differences as a function of the Big Five personality traits from a systematic review and meta-analysis. **2022**, 5,
- 80 The Boston ASL Template and Simulator: Initial development and implementation.
- 79 Frontostriatal Functional Connectivity Underlies the Association between Punishment Sensitivity and Procrastination. **2022**, 12, 1163
- 78 Male and Female Brain Coherence Models of Cognitive Performance and Psychopathology.
- 77 Brain age vector: A measure of brain aging with enhanced neurodegenerative disorder specificity.
- 76 The Uniqueness of Human Vulnerability to Brain Aging in Great Ape Evolution.
- 75 Metabolic syndrome predictors of brain gray matter volume in an age-stratified community sample of 776 Mexican- American adults: Results from the genetics of brain structure image archive. 14,
- 74 Disentangling Clinical Profiles of Apathy in Behavioral Variant Frontotemporal Dementia. **2022**, 1-16
- 73 Magnetic resonance imaging of the dopamine system in schizophrenia "A scoping review. 13,
- 72 Peripheral oxytocin levels are linked to hypothalamic gray matter volume in autistic adults: a cross-sectional study.
- 71 Variation of cerebrospinal fluid in specific regions regulates focality in transcranial direct current stimulation. 16,

- 70 Choice of Voxel-based Morphometry processing pipeline drives variability in the location of neuroanatomical brain markers. **2022**, 5, 1
- 69 Brain age predicts long-term recovery in post-stroke aphasia. 0
- 68 Common and distinct fronto-striatal volumetric changes in heroin and cocaine use disorders. 0
- 67 A comparative study of gray matter volumetric alterations in adults with attention deficit hyperactivity disorder and bipolar disorder type I. **2022**, 155, 410-419 0
- 66 Adjustment for the Age- and Gender-Related Metabolic Changes Improves the Differential Diagnosis of Parkinsonism. 0
- 65 Combined regional T1w/T2w ratio and voxel-based morphometry in multiple system atrophy: A follow-up study. 13, 0
- 64 Neuroanatomical correlates of screening for aphasia in NeuroDegeneration (SAND) battery in non-fluent/agrammatic variant of primary progressive aphasia. 14, 0
- 63 A practical Alzheimer's disease classifier via brain imaging-based deep learning on 85,721 samples. **2022**, 9, 1
- 62 Morphometric similarity networks discriminate patients with lumbar disc herniation from healthy controls and predict pain intensity. 2, 0
- 61 Predictive models demonstrate age-dependent association of subcortical volumes and cognitive measures. 0
- 60 Volumetric Variability of the Ventromedial Prefrontal Cortex Reflects the Propensity for Engaging in High-Stakes Gambling Behavior. **2022**, 12, 1460 0
- 59 Language reorganization in patients with left-hemispheric gliomas is associated with increased cortical volume in language-related areas and in the default mode network. **2022**, 2
- 58 Network Occlusion Sensitivity Analysis Identifies Regional Contributions to Brain Age Prediction. 0
- 57 Association between driving a car and retention of brain volume in Japanese older adults. **2022**, 112010 0
- 56 Longitudinal changes in grey matter and cognitive performance over four years of healthy aging. **2022**, 2, 100140 0
- 55 Ventral striatal subregional dysfunction in late-life grief: Relationships with yearning and depressive symptoms. **2022**, 156, 252-260 0
- 54 The cerebral ventricles. **2023**, 39-66 0
- 53 Relay and higher-order thalamic nuclei show an intertwined functional association with cortical-networks. **2022**, 5, 0

- 52 Interpretation for Individual Brain Age Prediction Based on Gray Matter Volume. **2022**, 12, 1517 ○
- 51 Identification of texture MRI brain abnormalities on first-episode psychosis and clinical high-risk subjects using explainable artificial intelligence. **2022**, 12, ○
- 50 Brain-age prediction: a systematic comparison of machine learning workflows. ○
- 49 The functional connectivity between left insula and left medial superior frontal gyrus underlying the relationship between rumination and procrastination. **2023**, 509, 1-9 ○
- 48 P50 inhibition defects, psychopathology and gray matter volume in patients with first-episode drug-naive schizophrenia. **2023**, 80, 103421 ○
- 47 Equitable modelling of brain imaging by counterfactual augmentation with morphologically constrained 3D deep generative models. **2023**, 84, 102723 1
- 46 Diffusion kurtosis imaging and diffusion tensor imaging parameters applied to white matter and gray matter of patients with anti-N-methyl-D-aspartate receptor encephalitis. 16, 1
- 45 Mapping white matter structural covariance connectivity for single subject using wavelet transform with T1-weighted anatomical brain MRI. 16, ○
- 44 Brain and cardiovascular-related changes are associated with aging, hypertension, and atrial fibrillation. **2022**, 32, 409-422 ○
- 43 A Brain-Wide Genome-Wide Association Study of Candidate Quantitative Trait Loci Associated with Structural and Functional Phenotypes of Pain Sensitivity. ○
- 42 Anti-Correlated Myelin-Sensitive MRI Levels in Humans Consistent with a Subcortical to Sensorimotor Regulatory Process—Multi-Cohort Multi-Modal Evidence. **2022**, 12, 1693 ○
- 41 Aberrant gray matter structure in neurosyphilis without conventional MRI abnormality: a pilot study with voxel and surface-based morphology. 028418512211420 ○
- 40 Co-alteration Network Architecture of Major Depressive Disorder: A Multi-modal Neuroimaging Assessment of Large-scale Disease Effects. ○
- 39 Cognitive and brain gray matter changes in children with obstructive sleep apnea: a voxel-based morphological study. ○
- 38 Sleep spindles and slow waves are physiological markers for age-related changes in gray matter in brain regions supporting problem-solving skills. **2023**, 30, 12-24 ○
- 37 The forward variable selection based optimized decoding toolbox for neuroimaging data. ○
- 36 Neurocognitive patterns across genetic levels in behavioral variant frontotemporal dementia: a multiple single cases study. **2022**, 22, ○
- 35 Structural brain changes in post-acute COVID-19 patients with persistent olfactory dysfunction. ○

- 34 The gray matter morphology associated with the electrophysiological response to errors in individuals with high trait anxiety. **2022**, ○
- 33 Cerebellar gray matter alterations predict deep brain stimulation outcomes in Meige syndrome. **2023**, 37, 103316 ○
- 32 Progressive brain abnormalities in schizophrenia across different illness periods: a structural and functional MRI study. **2023**, 9, ○
- 31 Neural correlates of impulse control behaviors in Parkinson's disease: Analysis of multimodal imaging data. **2023**, 37, 103315 ○
- 30 The waiting game: investigating the neurobiological transition from acute to persistent pain in adolescent rats. ○
- 29 Significant age by childhood trauma interactions on grey matter volumes: a whole brain VBM analysis. ○
- 28 dcSBM: A federated constrained source-based morphometry approach for multivariate brain structure mapping. ○
- 27 Early excitatory and inhibitory modifications in the motor cortex following skill learning support motor memory consolidation and cortical plasticity overnight. ○
- 26 Brain structure variability study in pilots based on VBM. **2023**, 18, e0276957 ○
- 25 A systematic comparison of VBM pipelines and their application to age prediction. ○
- 24 Evolutionary and genomic perspectives of brain aging and neurodegenerative diseases. **2023**, ○
- 23 Structural Neuroimaging: From Macroscopic to Microscopic Scales. **2023**, 2917-2951 ○
- 22 Lenguaje y envejecimiento. Discusi3n acerca del deterioro/preservaci3n de la sintaxis en los adultos mayores. **2023**, ○
- 21 Gray matter differences associated with menopausal hormone therapy in menopausal women: a DARTEL-based VBM study. **2023**, 13, ○
- 20 Age- and sex-related differences in baboon (*Papio anubis*) gray matter covariation. **2023**, ○
- 19 Evaluation of transorbital sonography measures of optic nerve diameter in the context of global and regional brain volume in multiple sclerosis. **2023**, 13, ○
- 18 Vimar/RAP1GDS1 promotes acceleration of brain aging after flies and mice reach middle age. **2023**, 6, ○
- 17 Resistance Training Increases White Matter Density in Frail Elderly Women. **2023**, 12, 2684 ○

16	Changes in the volumes and asymmetry of subcortical structures in healthy individuals according to gender.	○
15	Age Estimation from Brain Magnetic Resonance Images Using Deep Learning Techniques in Extensive Age Range. 2023 , 13, 1753	○
14	Brain volumetrics differ by Fiebig stage in acute HIV infection. 2023 , 37, 861-869	○
13	Brain-age prediction: A systematic comparison of machine learning workflows. 2023 , 270, 119947	○
12	Transcranial cortico-cortical paired associative stimulation (ccPAS) over ventral premotor-motor pathways enhances action performance and corticomotor excitability in young adults more than in elderly adults. 15,	1
11	Intraparietal stimulation disrupts negative distractor effects in human multi-alternative decision-making. 12,	○
10	Lifespan Changes in Brain Structure and Cognitive Performance Associated with Normal Aging in Mice.	○
9	A brain-wide genome-wide association study of candidate quantitative trait loci associated with structural and functional phenotypes of pain sensitivity.	○
8	A new approach to digitized cognitive monitoring: validity of the SelfCog in Huntington's disease. 2023 , 5,	○
7	Sex differences in functional brain networks involved in interoception: An fMRI study. 17,	○
6	The Influence of Birth Cohorts on Future Cognitive Decline. 2023 , 1-13	○
5	Uncertainty coding in the reward system. 2024 ,	○
4	Lower delayed but comparable working memory performance in patients with Parkinson disease.	○
3	Biomarkers of aging.	○
2	A gendered brain perspective from structure to brain interactions. 2023 , 39-59	○
1	Presymptomatic grey matter alterations in ALS kindreds: a computational neuroimaging study of asymptomatic C9orf72 and SOD1 mutation carriers.	○