

# CITATION REPORT

List of articles citing

Automatically parcellating the human cerebral cortex

DOI: 10.1093/cercor/bhg087  
Cerebral Cortex, 2004, 14, 11-22.

**Source:** <https://exaly.com/paper-pdf/36508844/citation-report.pdf>

**Version:** 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2223	Object-based morphometry of the cerebral cortex. <b>2004</b> , 23, 968-82		112
2222	Activation of the fusiform gyrus when individuals with autism spectrum disorder view faces. <b>2004</b> , 22, 1141-50		262
2221	A hybrid approach to the skull stripping problem in MRI. <b>2004</b> , 22, 1060-75		1540
2220	Computational anatomy: shape, growth, and atrophy comparison via diffeomorphisms. <b>2004</b> , 23 Suppl 1, S19-33		136
2219	Image processing: global and regional changes with age. <b>2004</b> , 15, 349-53		6
2218	Talairach-Based Parcellation of Neonatal Brain Magnetic Resonance Imaging Data: Validation of a New Approach. <b>2005</b> , 15, 305-314		4
2217	Bilateral hippocampal volume reduction in adults with post-traumatic stress disorder: a meta-analysis of structural MRI studies. <b>2005</b> , 15, 798-807		313
2216	Mindboggle: automated brain labeling with multiple atlases. <b>2005</b> , 5, 7		65
2215	Program for Assisted Labeling of Sulcal Regions (PALS): description and reliability. <b>2005</b> , 24, 398-416		11
2214	Mindboggle: a scatterbrained approach to automate brain labeling. <b>2005</b> , 24, 261-80		60
2213	Rostral and dorsal anterior cingulate cortex make dissociable contributions during antisaccade error commission. <b>2005</b> , 102, 15700-5		166
2212	Neuroanatomical aging: Universal but not uniform. <b>2005</b> , 26, 1279-1282		91
2211	Neuroimaging biomarkers for clinical trials of disease-modifying therapies in Alzheimer's disease. <b>2005</b> , 2, 348-60		124
2210	Increased intracranial volume in Parkinson's disease. <b>2005</b> , 239, 45-52		36
2209	A Bayesian model for joint segmentation and registration. <b>2006</b> , 31, 228-39		207
2208	An automated labeling system for subdividing the human cerebral cortex on MRI scans into gyral based regions of interest. <b>2006</b> , 31, 968-80		6799
2207	Vector-based spatial-temporal minimum L1-norm solution for MEG. <b>2006</b> , 31, 1025-37		87

2206	Reliability of MRI-derived measurements of human cerebral cortical thickness: the effects of field strength, scanner upgrade and manufacturer. <b>2006</b> , 32, 180-94	1133
2205	An fMRI investigation of syllable sequence production. <b>2006</b> , 32, 821-41	373
2204	Automatic anatomical brain MRI segmentation combining label propagation and decision fusion. <b>2006</b> , 33, 115-26	684
2203	Making sense of discourse: an fMRI study of causal inferencing across sentences. <b>2006</b> , 33, 343-61	128
2202	Task-dependent changes in brain activation following therapy for nonfluent aphasia: discussion of two individual cases. <b>2006</b> , 12, 828-42	41
2201	Regional gray matter volumetric changes in autism associated with social and repetitive behavior symptoms. <b>2006</b> , 6, 56	242
2200	Dealing with the shortcomings of spatial normalization: multi-subject parcellation of fMRI datasets. <b>2006</b> , 27, 678-93	139
2199	Structural brain imaging in patients with cognitive impairment in the year 2015. <b>2006</b> , 1, 77-86	2
2198	Automated Gyral Identification Using Interpolated Sulcal Curves. <b>2006</b> ,	1
2197	Neural activity is modulated by trial history: a functional magnetic resonance imaging study of the effects of a previous antisaccade. <b>2007</b> , 27, 1791-8	65
2196	Thickening in the somatosensory cortex of patients with migraine. <b>2007</b> , 69, 1990-5	182
2195	What is involved and what is necessary for complex linguistic and nonlinguistic auditory processing: evidence from functional magnetic resonance imaging and lesion data. <b>2007</b> , 19, 799-816	82
2194	Hippocampal volume and shape analysis in an older adult population. <b>2007</b> , 21, 130-45	24
2193	Brain networks subserving the extraction of sentence information and its encoding to memory. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 2899-913	5.1 64
2192	Hearing lips and seeing voices: how cortical areas supporting speech production mediate audiovisual speech perception. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 2387-99	5.1 294
2191	D-cycloserine inhibits amygdala responses during repeated presentations of faces. <b>2007</b> , 12, 600-5	13
2190	Abstract coding of audiovisual speech: beyond sensory representation. <b>2007</b> , 56, 1116-26	101
2189	Surface-based and probabilistic atlases of primate cerebral cortex. <b>2007</b> , 56, 209-25	398

2188	In praise of tedious anatomy. <b>2007</b> , 37, 1033-41; discussion 1050-8	152
2187	Spatial dynamics of masked picture repetition effects. <b>2007</b> , 34, 1723-32	19
2186	MRI-constrained spectral imaging of benzodiazepine modulation of spontaneous neuromagnetic activity in human cortex. <b>2007</b> , 35, 577-82	35
2185	Volumetric cerebral characteristics of children exposed to opiates and other substances in utero. <b>2007</b> , 36, 1331-44	112
2184	Displacement of brain regions in preterm infants with non-synostotic dolichocephaly investigated by MRI. <b>2007</b> , 36, 1074-85	23
2183	Where left becomes right: a magnetoencephalographic study of sensorimotor transformation for antisaccades. <b>2007</b> , 36, 1313-23	68
2182	Reduced microstructural integrity of the white matter underlying anterior cingulate cortex is associated with increased saccadic latency in schizophrenia. <b>2007</b> , 37, 599-610	73
2181	Interactive visualization of volumetric white matter connectivity in DT-MRI using a parallel-hardware Hamilton-Jacobi solver. <b>2007</b> , 13, 1480-7	46
2180	Brain functional localization: a survey of image registration techniques. <b>2007</b> , 26, 427-51	169
2179	. <b>2007</b> ,	1
2178	Enhanced Accuracy in Registration of Cortex Functional Data via Large-Deformation Differomorphic Maps. <b>2007</b> ,	
2177	Region of interest analysis for fMRI. <b>2007</b> , 2, 67-70	537
2176	A hierarchical algorithm for MR brain image parcellation. <b>2007</b> , 26, 1201-12	79
2175	Volumetric abnormalities in connectivity-based subregions of the thalamus in patients with chronic schizophrenia. <b>2007</b> , 97, 226-35	28
2174	A functional magnetic resonance imaging study of amygdala responses to human faces in aging and mild Alzheimer's disease. <b>2007</b> , 62, 1388-95	62
2173	Sulcal thickness as a vulnerability indicator for schizophrenia. <b>2007</b> , 191, 229-33	39
2172	Statistical neuroanatomy of the human inferior frontal gyrus and probabilistic atlas in a standard stereotaxic space. <b>2007</b> , 28, 34-48	53
2171	Abnormal activation of the social brain during face perception in autism. <b>2007</b> , 28, 441-9	215

2170	Speech-associated gestures, Broca's area, and the human mirror system. <b>2007</b> , 101, 260-77	216
2169	Feasibility of multi-site clinical structural neuroimaging studies of aging using legacy data. <b>2007</b> , 5, 235-45	82
2168	Corpus callosal connection mapping using cortical gray matter parcellation and DT-MRI. <b>2008</b> , 29, 503-16	181
2167	Effects of registration regularization and atlas sharpness on segmentation accuracy. <b>2008</b> , 12, 603-15	72
2166	Inferring brain variability from diffeomorphic deformations of currents: an integrative approach. <b>2008</b> , 12, 626-37	58
2165	History of simple febrile seizures is associated with hippocampal abnormalities in adults. <b>2008</b> , 49, 1562-9	29
2164	A geometry-driven optical flow warping for spatial normalization of cortical surfaces. <b>2008</b> , 27, 1739-53	31
2163	Investigating possible subtypes of schizophrenia patients and controls based on brain cortical thickness. <b>2008</b> , 164, 254-64	8
2162	Regional thinning of the cerebral cortex in schizophrenia: effects of diagnosis, age and antipsychotic medication. <b>2008</b> , 98, 16-28	161
2161	Decreased volume of the brain reward system in alcoholism. <b>2008</b> , 64, 192-202	289
2160	Different dynamics of performance and brain activation in the time course of perceptual learning. <b>2008</b> , 57, 827-33	228
2159	A Bayesian hierarchical framework for spatial modeling of fMRI data. <b>2008</b> , 39, 146-56	81
2158	Automated segmentation of the actively stained mouse brain using multi-spectral MR microscopy. <b>2008</b> , 39, 136-45	51
2157	Improving the analysis, storage and sharing of neuroimaging data using relational databases and distributed computing. <b>2008</b> , 39, 693-706	30
2156	Neural mechanisms underlying auditory feedback control of speech. <b>2008</b> , 39, 1429-43	438
2155	Automatic segmentation of brain MRIs of 2-year-olds into 83 regions of interest. <b>2008</b> , 40, 672-684	239
2154	Touch, sound and vision in human superior temporal sulcus. <b>2008</b> , 41, 1011-20	155
2153	Multi-structure network shape analysis via normal surface momentum maps. <b>2008</b> , 42, 1430-8	81

2152	Neural correlates of novelty and face-age effects in young and elderly adults. <b>2008</b> , 42, 956-68		80
2151	Individual differences in reinforcement learning: behavioral, electrophysiological, and neuroimaging correlates. <b>2008</b> , 42, 807-16		98
2150	The relationship between diffusion tensor imaging and volumetry as measures of white matter properties. <b>2008</b> , 42, 1654-68		127
2149	Evidence for abnormalities of cortical development in adolescent-onset schizophrenia. <b>2008</b> , 43, 665-75		117
2148	Enhanced cortical activation in the contralesional hemisphere of chronic stroke patients in response to motor skill challenge. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 638-47	5.1	89
2147	A hybrid system for the semantic annotation of sulco-gyral anatomy in MRI images. <b>2008</b> , 11, 807-14		5
2146	Response monitoring, repetitive behaviour and anterior cingulate abnormalities in autism spectrum disorders (ASD). <b>2008</b> , 131, 2464-78		263
2145	Mapping the structural core of human cerebral cortex. <b>2008</b> , 6, e159		2853
2144	Fuzzy rule-based Interactive gyrus labeling for the infantile brain in magnetic resonance images. <b>2008</b> ,		0
2143	A neuroimaging study of premotor lateralization and cerebellar involvement in the production of phonemes and syllables. <b>2008</b> , 51, 1183-202		116
2142	Brain-derived neurotrophic factor polymorphisms and frontal cortex morphology in schizophrenia. <b>2008</b> , 18, 177-83		25
2141	Estimating the confidence level of white matter connections obtained with MRI tractography. <b>2008</b> , 3, e4006		25
2140	Enlargement of the hippocampal angle: a new index of Alzheimer disease. <b>2009</b> , 8, 33-8		6
2139	The effects of overfeeding on the neuronal response to visual food cues in thin and reduced-obese individuals. <b>2009</b> , 4, e6310		116
2138	The brain atlas concordance problem: quantitative comparison of anatomical parcellations. <b>2009</b> , 4, e7200		109
2137	One-year brain atrophy evident in healthy aging. <b>2009</b> , 29, 15223-31		418
2136	Aberrant frontoparietal function during recognition memory in schizophrenia: a multimodal neuroimaging investigation. <b>2009</b> , 29, 11347-59		16
2135	Surface-based anatomo-functional parcellation of the auditory cortex. <b>2009</b> ,		

2134	Integrated imaging approach with MEG and DTI to detect mild traumatic brain injury in military and civilian patients. <b>2009</b> , 26, 1213-26		165
2133	Alzheimer disease: quantitative structural neuroimaging for detection and prediction of clinical and structural changes in mild cognitive impairment. <b>2009</b> , 251, 195-205		252
2132	Conflict monitoring in early frontotemporal dementia. <b>2009</b> , 73, 349-55		35
2131	Distinct genetic influences on cortical surface area and cortical thickness. <i>Cerebral Cortex</i> , <b>2009</b> , 19, 2728-35		862
2130	Widespread reductions of cortical thickness in schizophrenia and spectrum disorders and evidence of heritability. <b>2009</b> , 66, 467-77		209
2129	Subregional neuroanatomical change as a biomarker for Alzheimer's disease. <b>2009</b> , 106, 20954-9		173
2128	High consistency of regional cortical thinning in aging across multiple samples. <i>Cerebral Cortex</i> , <b>2009</b> , 19, 2001-12	5.1	475
2127	Atlas-based improved prediction of magnetic field inhomogeneity for distortion correction of EPI data. <b>2009</b> , 12, 951-9		7
2126	Hippocampal volume and declarative memory function in combat-related PTSD. <b>2009</b> , 15, 830-9		28
2125	A graph matching approach for labeling brain sulci using location, orientation, and shape. <b>2009</b> , 73, 179-190		11
2124	Image-driven population analysis through mixture modeling. <b>2009</b> , 28, 1473-87		56
2123	A hybrid system using symbolic and numeric knowledge for the semantic annotation of sulco-gyral anatomy in brain MRI images. <b>2009</b> , 28, 1165-78		12
2122	Articulatory mediation of speech perception: a causal analysis of multi-modal imaging data. <b>2009</b> , 110, 222-36		29
2121	Does obstetric brachial plexus injury influence speech dominance?. <b>2009</b> , 65, 57-66		27
2120	Abnormal cerebral cortex structure in children with ADHD. <b>2009</b> , 30, 175-84		122
2119	Evaluation of automated brain MR image segmentation and volumetry methods. <b>2009</b> , 30, 1310-27		158
2118	Structural MRI biomarkers for preclinical and mild Alzheimer's disease. <b>2009</b> , 30, 3238-53		172
2117	Co-speech gestures influence neural activity in brain regions associated with processing semantic information. <b>2009</b> , 30, 3509-26		153

2116	Variation in TREK1 gene linked to depression-resistant phenotype is associated with potentiated neural responses to rewards in humans. <b>2010</b> , 31, 210-21	30
2115	Dissecting structure-function interactions in acute optic neuritis to investigate neuroplasticity. <b>2010</b> , 31, 276-86	24
2114	Neuroanatomy of creativity. <b>2010</b> , 31, 398-409	197
2113	Primary and multisensory cortical activity is correlated with audiovisual percepts. <b>2010</b> , 31, 526-38	56
2112	Specific somatotopic organization of functional connections of the primary motor network during resting state. <b>2010</b> , 31, 631-44	57
2111	Characterization of Atrophic Changes in the Cerebral Cortex Using Fractal Dimensional Analysis. <b>2009</b> , 3, 154-166	76
2110	A functional polymorphism of the brain derived neurotrophic factor gene and cortical anatomy in autism spectrum disorder. <b>2009</b> , 1, 215-23	25
2109	Post-stroke tactile allodynia and its modulation by vestibular stimulation: a MEG case study. <b>2009</b> , 119, 404-9	18
2108	The neuroanatomy of grapheme-color synesthesia. <b>2009</b> , 29, 1287-93	85
2107	Alcoholism and dampened temporal limbic activation to emotional faces. <b>2009</b> , 33, 1880-92	106
2106	Computational anatomy with the SPM software. <b>2009</b> , 27, 1163-74	350
2105	Semi-automated method for delineation of landmarks on models of the cerebral cortex. <b>2009</b> , 178, 385-92	29
2104	Amyloid deposition is associated with impaired default network function in older persons without dementia. <b>2009</b> , 63, 178-88	728
2103	Neuroanatomical correlates of cognitive phenotypes in temporal lobe epilepsy. <b>2009</b> , 15, 445-51	70
2102	The relationship between symptom severity and regional cortical and grey matter volumes in schizophrenia. <b>2009</b> , 33, 482-90	23
2101	Verbal fluency deficits and altered lateralization of language brain areas in individuals genetically predisposed to schizophrenia. <b>2009</b> , 115, 202-8	41
2100	Correlations between measures of executive attention and cortical thickness of left posterior middle frontal gyrus - a dichotic listening study. <b>2009</b> , 5, 41	42
2099	Graph wavelet applied to human brain connectivity. <b>2009</b> ,	2



2098	Fuzzy Logic Assisted Quantification of Gyral Deformation Index Using Magnetic Resonance Images for the Infantile Brain. <b>2009</b> ,	
2097	Detection of motor cortex thinning and corticospinal tract involvement by quantitative MRI in amyotrophic lateral sclerosis. <b>2009</b> , 10, 47-52	68
2096	Regional white matter volume differences in nondemented aging and Alzheimer's disease. <b>2009</b> , 44, 1247-58	225
2095	Reliability of MRI-derived cortical and subcortical morphometric measures: effects of pulse sequence, voxel geometry, and parallel imaging. <b>2009</b> , 44, 1324-33	172
2094	The emerging discipline of Computational Functional Anatomy. <b>2009</b> , 45, S16-39	60
2093	Evaluation of 14 nonlinear deformation algorithms applied to human brain MRI registration. <b>2009</b> , 46, 786-802	1603
2092	The role of the nucleus accumbens and rostral anterior cingulate cortex in anhedonia: integration of resting EEG, fMRI, and volumetric techniques. <b>2009</b> , 46, 327-37	290
2091	Widespread neocortical abnormalities in temporal lobe epilepsy with and without mesial sclerosis. <b>2009</b> , 46, 353-9	107
2090	Automatic cortical sulcal parcellation based on surface principal direction flow field tracking. <b>2009</b> , 46, 923-37	56
2089	Morphological alterations in the congenital blind based on the analysis of cortical thickness and surface area. <b>2009</b> , 47, 98-106	165
2088	Increased sensitivity to effects of normal aging and Alzheimer's disease on cortical thickness by adjustment for local variability in gray/white contrast: a multi-sample MRI study. <b>2009</b> , 47, 1545-57	83
2087	Improvement of brain segmentation accuracy by optimizing non-uniformity correction using N3. <b>2009</b> , 48, 73-83	70
2086	Age-associated alterations in cortical gray and white matter signal intensity and gray to white matter contrast. <b>2009</b> , 48, 21-8	197
2085	Hemispheric differences in amygdala contributions to response monitoring. <b>2009</b> , 20, 398-402	21
2084	Neuroanatomical characteristics and speech perception in noise in older adults. <b>2010</b> , 31, 471-9	121
2083	Network scaling effects in graph analytic studies of human resting-state FMRI data. <b>2010</b> , 4, 22	289
2082	Amygdala and Hippocampus Enlargement During Adolescence in Autism. <b>2010</b> , 49, 552-560	5
2081	In-vivo measurement of cortical morphology: means and meanings. <b>2010</b> , 23, 359-67	101

2080	Structural differences in adult orbital and ventromedial prefrontal cortex predicted by infant temperament at 4 months of age. <b>2010</b> , 67, 78-84	62
2079	Computational analysis of cerebral cortex. <b>2010</b> , 52, 691-8	29
2078	Sporadic corticobasal syndrome due to FTLT-TDP. <b>2010</b> , 119, 365-74	46
2077	Graph theoretical analysis of structural and functional connectivity MRI in normal and pathological brain networks. <b>2010</b> , 23, 409-21	204
2076	Somatosensory system deficits in schizophrenia revealed by MEG during a median-nerve oddball task. <b>2010</b> , 23, 82-104	44
2075	Spherical demons: fast diffeomorphic landmark-free surface registration. <b>2010</b> , 29, 650-68	252
2074	Reduced right frontal cortical thickness in children, adolescents and adults with ADHD and its correlation to clinical variables: a cross-sectional study. <b>2010</b> , 44, 1214-23	105
2073	Cerebral cortex structure in prodromal Huntington disease. <b>2010</b> , 40, 544-54	115
2072	Brain substrates of learning and retention in mild cognitive impairment diagnosis and progression to Alzheimer's disease. <b>2010</b> , 48, 1237-47	55
2071	Preserved subcortical volumes and cortical thickness in women with sexual abuse-related PTSD. <b>2010</b> , 183, 181-6	50
2070	Decoding individual episodic memory traces in the human hippocampus. <b>2010</b> , 20, 544-7	168
2069	Neural development of networks for audiovisual speech comprehension. <b>2010</b> , 114, 101-14	101
2068	Language laterality in autism spectrum disorder and typical controls: a functional, volumetric, and diffusion tensor MRI study. <b>2010</b> , 112, 113-20	114
2067	Bilateral brain regions associated with naming in older adults. <b>2010</b> , 113, 113-23	53
2066	Neuroplasticity predicts outcome of optic neuritis independent of tissue damage. <b>2010</b> , 67, 99-113	64
2065	Prefrontal morphology, 5-HTTLPR polymorphism and biased attention for emotional stimuli. <b>2010</b> , 9, 224-33	32
2064	Cortical thickness reduction of normal appearing cortex in patients with polymicrogyria. <b>2010</b> , 20, 46-52	11
2063	Onset timing of cross-sensory activations and multisensory interactions in auditory and visual sensory cortices. <b>2010</b> , 31, 1772-82	87

2062	Neuroplasticity associated with tactile language communication in a deaf-blind subject. <b>2010</b> , 3, 60		10
2061	Regional brain morphometry predicts memory rehabilitation outcome after traumatic brain injury. <b>2010</b> , 4, 182		47
2060	Application of neuroanatomical ontologies for neuroimaging data annotation. <b>2010</b> , 4,		20
2059	Cortical thickness and subcortical gray matter reductions in neuropsychiatric systemic lupus erythematosus. <b>2010</b> , 5, e9302		40
2058	Motor network degeneration in amyotrophic lateral sclerosis: a structural and functional connectivity study. <b>2010</b> , 5, e13664		132
2057	Level of executive function influences verbal memory in amnesic mild cognitive impairment and predicts prefrontal and posterior cingulate thickness. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 1305-13	5.1	95
2056	fMRI-Guided transcranial magnetic stimulation reveals that the superior temporal sulcus is a cortical locus of the McGurk effect. <b>2010</b> , 30, 2414-7		178
2055	Cortical anatomy in autism spectrum disorder: an in vivo MRI study on the effect of age. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 1332-40	5.1	131
2054	Describing the brain in autism in five dimensions--magnetic resonance imaging-assisted diagnosis of autism spectrum disorder using a multiparameter classification approach. <b>2010</b> , 30, 10612-23		303
2053	Neuroimaging enrichment strategy for secondary prevention trials in Alzheimer disease. <b>2010</b> , 24, 269-77		38
2052	CSF biomarkers in prediction of cerebral and clinical change in mild cognitive impairment and Alzheimer's disease. <b>2010</b> , 30, 2088-101		164
2051	Preterm birth and maternal responsiveness during childhood are associated with brain morphology in adolescence. <b>2010</b> , 16, 784-94		27
2050	Problem-solving abilities and frontal lobe cortical thickness in healthy aging and mild cognitive impairment. <b>2010</b> , 16, 836-45		23
2049	Everyday memory: self-perception and structural brain correlates in a healthy elderly population. <b>2010</b> , 16, 1115-26		10
2048	Evaluation of an OSEM-based PVC method for SPECT with clinical data. <b>2010</b> ,		1
2047	Combining MR imaging, positron-emission tomography, and CSF biomarkers in the diagnosis and prognosis of Alzheimer disease. <b>2010</b> , 31, 347-54		224
2046	Quantitative structural MRI for early detection of Alzheimer's disease. <b>2010</b> , 10, 1675-88		45
2045	Domain general change detection accounts for "dishabituation" effects in temporal-parietal regions in functional magnetic resonance imaging studies of speech perception. <b>2010</b> , 30, 1110-7		34

2044	Absolute pitch--functional evidence of speech-relevant auditory acuity. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 447-55.1	85
2043	Association of plasma clusterin concentration with severity, pathology, and progression in Alzheimer disease. <b>2010</b> , 67, 739-48	298
2042	Age-related temporal and parietal cortical thinning in autism spectrum disorders. <b>2010</b> , 133, 3745-54	192
2041	Serotonin transporter genotype and action monitoring dysfunction: a possible substrate underlying increased vulnerability to depression. <b>2010</b> , 35, 1186-97	47
2040	Gray matter volume reduction in rostral middle frontal gyrus in patients with chronic schizophrenia. <b>2010</b> , 123, 153-9	71
2039	Improving intersubject image registration using tissue-class information benefits robustness and accuracy of multi-atlas based anatomical segmentation. <b>2010</b> , 51, 221-7	139
2038	Improved tractography alignment using combined volumetric and surface registration. <b>2010</b> , 51, 206-13	49
2037	Salivary cortisol and prefrontal cortical thickness in middle-aged men: A twin study. <b>2010</b> , 53, 1093-102	72
2036	Increased functional brain response during word retrieval in cognitively intact older adults at genetic risk for Alzheimer's disease. <b>2010</b> , 51, 1222-33	27
2035	Differentiating maturational and aging-related changes of the cerebral cortex by use of thickness and signal intensity. <b>2010</b> , 52, 172-85	124
2034	Spectral-based automatic labeling and refining of human cortical sulcal curves using expert-provided examples. <b>2010</b> , 52, 142-57	23
2033	Quantitative evaluation of LDDMM, FreeSurfer, and CARET for cortical surface mapping. <b>2010</b> , 52, 131-41	47
2032	Reduced cognitive control of response inhibition by the anterior cingulate cortex in autism spectrum disorders. <b>2010</b> , 52, 336-47	151
2031	Gyral folding pattern analysis via surface profiling. <b>2010</b> , 52, 1202-14	48
2030	Evaluation of automated techniques for the quantification of grey matter atrophy in patients with multiple sclerosis. <b>2010</b> , 52, 1261-7	71
2029	Alterations in multiple measures of white matter integrity in normal women at high risk for Alzheimer's disease. <b>2010</b> , 52, 1487-94	87
2028	Network-level analysis of cortical thickness of the epileptic brain. <b>2010</b> , 52, 1302-13	70
2027	Hippocampal-cortical structural connectivity disruptions in schizophrenia: an integrated perspective from hippocampal shape, cortical thickness, and integrity of white matter bundles. <b>2010</b> , 52, 1181-9	57

2026	Evaluating the validity of volume-based and surface-based brain image registration for developmental cognitive neuroscience studies in children 4 to 11 years of age. <b>2010</b> , 53, 85-93		198
2025	Automatic parcellation of human cortical gyri and sulci using standard anatomical nomenclature. <b>2010</b> , 53, 1-15		1441
2024	Fractal dimension analysis of the cortical ribbon in mild Alzheimer's disease. <b>2010</b> , 53, 471-9		112
2023	Brain maturation in adolescence and young adulthood: regional age-related changes in cortical thickness and white matter volume and microstructure. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 534-48	5.1	544
2022	Life-span changes of the human brain white matter: diffusion tensor imaging (DTI) and volumetry. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 2055-68	5.1	533
2021	Multi-modal imaging predicts memory performance in normal aging and cognitive decline. <b>2010</b> , 31, 1107-21		125
2020	Subregions of the inferior parietal lobule are affected in the progression to Alzheimer's disease. <b>2010</b> , 31, 1304-11		50
2019	Relations between brain tissue loss, CSF biomarkers, and the ApoE genetic profile: a longitudinal MRI study. <b>2010</b> , 31, 1340-54		83
2018	Neurocognitive phenotypes and genetic dissection of disorders of brain and behavior. <b>2010</b> , 68, 218-30		20
2017	Met158 variant of the catechol-O-methyltransferase genotype is associated with thicker cortex in adult brain. <b>2010</b> , 167, 809-14		28
2016	Brain atrophy in healthy aging is related to CSF levels of Aβ-42. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 2069-79	5.1	96
2015	AN EFFICIENT NUMERICAL METHOD FOR THE SOLUTION OF THE L(2) OPTIMAL MASS TRANSFER PROBLEM. <b>2010</b> , 32, 197-211		38
2014	Genetic and environmental influences on the size of specific brain regions in midlife: the VETSA MRI study. <b>2010</b> , 49, 1213-23		174
2013	Cerebral atrophy, apolipoprotein E varepsilon4, and rate of decline in everyday function among patients with amnesic mild cognitive impairment. <b>2010</b> , 6, 404-11		38
2012	Identifying objects impairs knowledge of other objects: a relearning explanation for the neural repetition effect. <b>2010</b> , 49, 1919-32		12
2011	CSF biomarker pathology correlates with a medial temporo-parietal network affected by very mild to moderate Alzheimer's disease but not a fronto-striatal network affected by healthy aging. <b>2010</b> , 49, 1820-30		23
2010	Defining functional SMA and pre-SMA subregions in human MFC using resting state fMRI: functional connectivity-based parcellation method. <b>2010</b> , 49, 2375-86		196
2009	Atrophy patterns in Alzheimer's disease and semantic dementia: a comparison of FreeSurfer and manual volumetric measurements. <b>2010</b> , 49, 2264-74		79

2008	Graph properties of synchronized cortical networks during visual working memory maintenance. <b>2010</b> , 49, 3257-68	115
2007	Cortical thickness or grey matter volume? The importance of selecting the phenotype for imaging genetics studies. <b>2010</b> , 53, 1135-46	763
2006	Predictive models of autism spectrum disorder based on brain regional cortical thickness. <b>2010</b> , 50, 589-99	177
2005	Distinct representations of phonemes, syllables, and supra-syllabic sequences in the speech production network. <b>2010</b> , 50, 626-38	103
2004	Diffuse damage in pediatric traumatic brain injury: a comparison of automated versus operator-controlled quantification methods. <b>2010</b> , 50, 1017-26	71
2003	Lateralized genetic and environmental influences on human brain morphology of 8-year-old twins. <b>2010</b> , 53, 1117-25	60
2002	An automated strategy for the delineation and parcellation of commissural pathways suitable for clinical populations utilising high angular resolution diffusion imaging tractography. <b>2010</b> , 50, 1044-53	34
2001	Surface area accounts for the relation of gray matter volume to reading-related skills and history of dyslexia. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 2625-35	5.1 64
2000	Impact of breast milk on intelligence quotient, brain size, and white matter development. <b>2010</b> , 67, 357-62	270
1999	Amygdala and hippocampus enlargement during adolescence in autism. <b>2010</b> , 49, 552-60	72
1998	Patterns of cortical thinning in relation to event-based prospective memory performance three months after moderate to severe traumatic brain injury in children. <b>2010</b> , 35, 318-32	40
1997	Machine Learning classification of MRI features of Alzheimer's disease and mild cognitive impairment subjects to reduce the sample size in clinical trials. <b>2011</b> , 2011, 7957-60	13
1996	MRI structural connectivity, disruption of primary sensorimotor pathways, and hand function in cerebral palsy. <b>2011</b> , 1, 309-16	77
1995	From language comprehension to action understanding and back again. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 1166-77	39
1994	Parietal activity in episodic retrieval measured by fMRI and MEG. <b>2011</b> , 55, 788-93	14
1993	Reduced cortical thickness as an outcome of differential sensitivity to environmental risks in schizophrenia. <b>2011</b> , 69, 487-94	105
1992	Functional differentiation of posterior superior temporal sulcus in autism: a functional connectivity magnetic resonance imaging study. <b>2011</b> , 70, 270-7	88
1991	Virtual imaging laboratories for marker discovery in neurodegenerative diseases. <b>2011</b> , 7, 429-38	42

1990	Globally altered structural brain network topology in grapheme-color synesthesia. <b>2011</b> , 31, 5816-28	102
1989	fMRI investigation of unexpected somatosensory feedback perturbation during speech. <b>2011</b> , 55, 1324-38	94
1988	Regional heterogeneity in limbic maturational changes: evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. <b>2011</b> , 55, 868-79	49
1987	Interpretation-mediated changes in neural activity during language comprehension. <b>2011</b> , 55, 1314-23	26
1986	Relationships between cognitive function and frontal grey matter volumes and thickness in middle aged and early old-aged adults: the PATH Through Life Study. <b>2011</b> , 55, 845-55	22
1985	Associations between cortical thickness and verbal fluency in childhood, adolescence, and young adulthood. <b>2011</b> , 55, 1865-77	49
1984	Stochastic tractography study of Inferior Frontal Gyrus anatomical connectivity in schizophrenia. <b>2011</b> , 55, 1657-64	38
1983	Connectivity-based segmentation of human amygdala nuclei using probabilistic tractography. <b>2011</b> , 56, 1353-61	89
1982	Automatic morphometry in Alzheimer's disease and mild cognitive impairment. <b>2011</b> , 56, 2024-37	101
1981	The relationship between cortical sulcal variability and cognitive performance in the elderly. <b>2011</b> , 56, 865-73	39
1980	Quantitative comparison and analysis of sulcal patterns using sulcal graph matching: a twin study. <b>2011</b> , 57, 1077-86	47
1979	On the context-dependent nature of the contribution of the ventral premotor cortex to speech perception. <b>2011</b> , 57, 1561-71	80
1978	Imaging derived cortical thickness reduction in high-functioning autism: key regions and temporal slope. <b>2011</b> , 58, 391-400	83
1977	AddNeuroMed and ADNI: similar patterns of Alzheimer's atrophy and automated MRI classification accuracy in Europe and North America. <b>2011</b> , 58, 818-28	105
1976	Abnormally persistent fMRI activation during antisaccades in schizophrenia: a neural correlate of perseveration?. <b>2011</b> , 132, 62-8	26
1975	Dual-Core Beamformer for obtaining highly correlated neuronal networks in MEG. <b>2011</b> , 54, 253-63	54
1974	Regional reproducibility of pulsed arterial spin labeling perfusion imaging at 3T. <b>2011</b> , 54, 1188-95	75
1973	Fractionating verbal episodic memory in Alzheimer's disease. <b>2011</b> , 54, 1530-9	137

1972	Hippocampal degeneration is associated with temporal and limbic gray matter/white matter tissue contrast in Alzheimer's disease. <b>2011</b> , 54, 1795-802	47
1971	Thickness of the human cerebral cortex is associated with metrics of cerebrovascular health in a normative sample of community dwelling older adults. <b>2011</b> , 54, 2659-71	102
1970	Statistical analysis of minimum cost path based structural brain connectivity. <b>2011</b> , 55, 557-65	8
1969	Contribution of chronic pain and neuroticism to abnormal forebrain gray matter in patients with temporomandibular disorder. <b>2011</b> , 55, 277-86	121
1968	Age-associated reductions in cerebral blood flow are independent from regional atrophy. <b>2011</b> , 55, 468-78	248
1967	Localization of cortical phase and amplitude dynamics during visual working memory encoding and retention. <b>2011</b> , 31, 5013-25	124
1966	Sex differences in the human connectome: 4-Tesla high angular resolution diffusion imaging (HARDI) tractography in 234 young adult twins. <b>2011</b> ,	15
1965	In the spotlight: biomedical imaging. <b>2011</b> , 4, 9-11	
1964	Effects of alcohol intoxication and gender on cerebral perfusion: an arterial spin labeling study. <b>2011</b> , 45, 725-37	29
1963	Effective connectivity analysis of fMRI and MEG data collected under identical paradigms. <b>2011</b> , 41, 1156-65	24
1962	Anatomic and electro-physiologic connectivity of the language system: a combined DTI-CCEP study. <b>2011</b> , 41, 1100-9	62
1961	Memory and brain volume in adults prenatally exposed to alcohol. <b>2011</b> , 75, 67-77	66
1960	Perceptual learning incepted by decoded fMRI neurofeedback without stimulus presentation. <b>2011</b> , 334, 1413-5	325
1959	Caudate atrophy and impaired frontostriatal connections are linked to executive dysfunction in temporal lobe epilepsy. <b>2011</b> , 21, 80-7	49
1958	Prematurity affects cortical maturation in early childhood. <b>2011</b> , 45, 213-9	24
1957	Exercise moderates age-related atrophy of the medial temporal lobe. <b>2011</b> , 32, 506-14	167
1956	Exploring the relationship between personality and regional brain volume in healthy aging. <b>2011</b> , 32, 2162-71	122
1955	Alliance for aging research AD biomarkers work group: structural MRI. <b>2011</b> , 32 Suppl 1, S48-57	43



1954	Ubiquity and specificity of reinforcement signals throughout the human brain. <b>2011</b> , 72, 166-77	191
1953	Integrating temporal and spatial scales: human structural network motifs across age and region of interest size. <b>2011</b> , 5, 10	19
1952	Relationship between CSF biomarkers of Alzheimer's disease and rates of regional cortical thinning in ADNI data. <b>2011</b> , 26 Suppl 3, 77-90	36
1951	Motor response selection in overt sentence production: a functional MRI study. <b>2011</b> , 2, 253	33
1950	Automated probabilistic reconstruction of white-matter pathways in health and disease using an atlas of the underlying anatomy. <b>2011</b> , 5, 23	361
1949	Sensitivity and specificity of medial temporal lobe visual ratings and multivariate regional MRI classification in Alzheimer's disease. <b>2011</b> , 6, e22506	87
1948	Identification of conversion from mild cognitive impairment to Alzheimer's disease using multivariate predictors. <b>2011</b> , 6, e21896	174
1947	A hypomethylating variant of MTHFR, 677C>T, blunts the neural response to errors in patients with schizophrenia and healthy individuals. <b>2011</b> , 6, e25253	23
1946	Presence of ApoE $\epsilon$ allele associated with thinner frontal cortex in middle age. <b>2011</b> , 26 Suppl 3, 49-60	60
1945	Neuroimaging correlates of traumatic brain injury and suicidal behavior. <b>2011</b> , 26, 276-89	70
1944	Brain cortical thickness and surface area correlates of neurocognitive performance in patients with schizophrenia, bipolar disorder, and healthy adults. <b>2011</b> , 17, 1080-93	64
1943	Comprehensive examination of frontal regions in boys and girls with attention-deficit/hyperactivity disorder. <b>2011</b> , 17, 1047-57	35
1942	Double dissociation in the anatomy of socioemotional disinhibition and executive functioning in dementia. <b>2011</b> , 25, 249-59	39
1941	Let's inhibit our excitement: the relationships between Stroop, behavioral disinhibition, and the frontal lobes. <b>2011</b> , 25, 655-65	33
1940	Neocortical thinning in "benign" mesial temporal lobe epilepsy. <b>2011</b> , 52, 712-7	45
1939	Widespread cortical thinning in children with frontal lobe epilepsy. <b>2011</b> , 52, 1685-91	36
1938	Cortical thickness, surface area, and volume of the brain reward system in alcohol dependence: relationships to relapse and extended abstinence. <b>2011</b> , 35, 1187-200	182
1937	Reduced cortical thickness in abstinent alcoholics and association with alcoholic behavior. <b>2011</b> , 35, 2193-201	68

1936	Reduced cortical thickness is associated with the glutamatergic regulatory gene risk variant DAOA Arg30Lys in schizophrenia. <b>2011</b> , 36, 1747-53	36
1935	Distinct neuroanatomical substrates and cognitive mechanisms of figure copy performance in Alzheimer's disease and behavioral variant frontotemporal dementia. <b>2011</b> , 49, 43-8	134
1934	Altered brain response for semantic knowledge in Alzheimer's disease. <b>2011</b> , 49, 392-404	19
1933	The brain dynamics of intellectual development: waxing and waning white and gray matter. <b>2011</b> , 49, 3605-11	43
1932	Structural correlates of prospective memory. <b>2011</b> , 49, 3795-800	71
1931	Partial volume correction in SPECT reconstruction with OSEM. <b>2011</b> , 648, S85-S88	12
1930	Abnormalities of the corpus callosum in non-psychotic high-risk offspring of schizophrenia patients. <b>2011</b> , 191, 9-15	28
1929	Lateralized abnormalities in auditory M50 sensory gating and cortical thickness of the superior temporal gyrus in post-traumatic stress disorder: preliminary results. <b>2011</b> , 191, 138-44	28
1928	Cortical thickness and VBM-DARTEL in late-life depression. <b>2011</b> , 133, 158-64	43
1927	Cortical and subcortical changes in typically developing preadolescent children. <b>2011</b> , 1399, 15-24	45
1926	Mixed handedness is associated with greater age-related decline in volumes of the hippocampus and amygdala: the PATH through life study. <b>2011</b> , 1, 125-34	14
1925	The Rotterdam Scan Study: design and update up to 2012. <b>2011</b> , 26, 811-24	97
1924	The importance of appropriate partial volume correction for PET quantification in Alzheimer's disease. <b>2011</b> , 38, 1104-19	191
1923	Diffusion tensor imaging shows white matter tracts between human auditory and visual cortex. <b>2011</b> , 213, 299-308	96
1922	An open source multivariate framework for n-tissue segmentation with evaluation on public data. <b>2011</b> , 9, 381-400	340
1921	MTHFR 677C>T effects on anterior cingulate structure and function during response monitoring in schizophrenia: a preliminary study. <b>2011</b> , 5, 65-75	21
1920	Focal cortical and subcortical atrophy in early Parkinson's disease. <b>2011</b> , 26, 436-41	99
1919	A novel method for quantifying scanner instability in fMRI. <b>2011</b> , 65, 1053-61	38

1918	Amyloid- $\beta$ -associated cortical thinning in clinically normal elderly. <b>2011</b> , 69, 1032-42	250
1917	Apathy and cortical atrophy in Alzheimer's disease. <b>2011</b> , 26, 741-8	63
1916	Genetic patterns of correlation among subcortical volumes in humans: results from a magnetic resonance imaging twin study. <b>2011</b> , 32, 641-53	42
1915	An improved representation of regional boundaries on parcellated morphological surfaces. <b>2011</b> , 35, 206-19	3
1914	Cortical sulci recognition and spatial normalization. <b>2011</b> , 15, 529-50	82
1913	A framework on surface-based connectivity quantification for the human brain. <b>2011</b> , 197, 324-32	6
1912	Default network correlations analyzed on native surfaces. <b>2011</b> , 198, 301-11	26
1911	Part-based localisation and segmentation of landmark-related auditory cortical regions. <b>2011</b> , 44, 2017-2033	8
1910	Distinguishing between major depressive disorder and obsessive-compulsive disorder in children by measuring regional cortical thickness. <b>2011</b> , 68, 527-33	69
1909	Structural neural phenotype of autism: preliminary evidence from a diffusion tensor imaging study using tract-based spatial statistics. <b>2011</b> , 32, 1607-13	101
1908	Multimodal neuroimaging dissociates hemodynamic and electrophysiological correlates of error processing. <b>2011</b> , 108, 17556-61	83
1907	Distinct profiles of brain and cognitive changes in the very old with Alzheimer disease. <b>2011</b> , 77, 713-21	24
1906	Mild cognitive impairment: baseline and longitudinal structural MR imaging measures improve predictive prognosis. <b>2011</b> , 259, 834-43	80
1905	Comparison of acute and chronic traumatic brain injury using semi-automatic multimodal segmentation of MR volumes. <b>2011</b> , 28, 2287-306	46
1904	The role of frontal and parietal brain areas in bistable perception. <b>2011</b> , 31, 10293-301	148
1903	Temporal lobe structures and facial emotion recognition in schizophrenia patients and nonpsychotic relatives. <b>2011</b> , 37, 1281-94	58
1902	Genetic and environmental contributions to regional cortical surface area in humans: a magnetic resonance imaging twin study. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 2313-21	5.1 78
1901	The effects of early diet on cognition and the brain. <b>2011</b> , 3-31	

1900	Puberty influences medial temporal lobe and cortical gray matter maturation differently in boys than girls matched for sexual maturity. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 636-46	5.1	200
1899	Classification of first-episode schizophrenia patients and healthy subjects by automated MRI measures of regional brain volume and cortical thickness. <b>2011</b> , 6, e21047		53
1898	Rich-club organization of the human connectome. <b>2011</b> , 31, 15775-86		1492
1897	Comparison of structural magnetic resonance imaging and development in toddlers born very low birth weight and full-term. <b>2011</b> , 26, 586-92		14
1896	Cerebellar gray matter density in females with ADHD combined type: a cross-sectional voxel-based morphometry study. <b>2011</b> , 15, 368-81		22
1895	Saccadic preparation in the frontal eye field is modulated by distinct trial history effects as revealed by magnetoencephalography. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 245-53	5.1	19
1894	Brain structure correlates of individual differences in the acquisition and inhibition of conditioned fear. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 1954-62	5.1	120
1893	Predicting behavioral deficits in pediatric traumatic brain injury through uncinate fasciculus integrity. <b>2011</b> , 17, 663-73		40
1892	A preliminary neuroimaging study of preschool children with ADHD. <b>2011</b> , 25, 1009-28		29
1891	Pre-dementia memory impairment is associated with white matter tract affection. <b>2011</b> , 17, 143-53		16
1890	Regionally specific human GABA concentration correlates with tactile discrimination thresholds. <b>2011</b> , 31, 16556-60		113
1889	Deep and superficial amygdala nuclei projections revealed in vivo by probabilistic tractography. <b>2011</b> , 31, 618-23		115
1888	Human primary auditory cortex follows the shape of Heschl's gyrus. <b>2011</b> , 31, 14067-75		199
1887	Born with an ear for dialects? Structural plasticity in the expert phonetician brain. <b>2011</b> , 31, 4213-20		89
1886	High connectivity between reduced cortical thickness and disrupted white matter tracts in long-standing type 1 diabetes. <b>2011</b> , 60, 315-9		51
1885	Dysfunction of a cortical midline network during emotional appraisals in schizophrenia. <b>2011</b> , 37, 164-76		38
1884	Individual differences in verbal abilities associated with regional blurring of the left gray and white matter boundary. <b>2011</b> , 31, 15257-63		16
1883	A Simple Linear Discrimination Algorithm for AD Patients and Normal Controls. <b>2012</b> , 155-156, 18-22		

1882	Methodology Poster Abstracts. <b>2012</b> , 32, S128-S191		2
1881	Mapping connectivity damage in the case of Phineas Gage. <b>2012</b> , 7, e37454		111
1880	Regional cortical thinning associated with detectable levels of HIV DNA. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 2065-75		65
1879	Reduced cortical thickness in children with new-onset seizures. <b>2012</b> , 33, 673-7		15
1878	Microstructural organizational patterns in the human corticostriatal system. <b>2012</b> , 107, 2984-95		71
1877	Long-term influence of normal variation in neonatal characteristics on human brain development. <b>2012</b> , 109, 20089-94		138
1876	Regional cortical thickness and subcortical volume changes are associated with cognitive impairments in the drug-naïve patients with late-onset depression. <b>2012</b> , 37, 838-49		72
1875	Changes in cortical morphology resulting from long-term amygdala damage. <b>2012</b> , 7, 588-95		17
1874	Resetting capacity limitations revealed by long-lasting elimination of attentional blink through training. <b>2012</b> , 109, 12242-7		41
1873	Biomarkers for the clinical evaluation of the cognitively impaired elderly: amyloid is not enough. <b>2012</b> , 4, 343-357		10
1872	Cortical thinning in psychopathy. <b>2012</b> , 169, 743-9		101
1871	Performance Dip in motor response induced by task-irrelevant weaker coherent visual motion signals. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 1887-93	5.1	2
1870	Interregional correlations in Parkinson disease and Parkinson-related dementia with resting functional MR imaging. <b>2012</b> , 263, 226-34		65
1869	Monotonic algorithm for joint entropy-based anatomical priors in parametric PET image reconstruction. <b>2012</b> ,		2
1868	SMALL WORLD NETWORK MEASURES PREDICT WHITE MATTER DEGENERATION IN PATIENTS WITH EARLY-STAGE MILD COGNITIVE IMPAIRMENT. <b>2012</b> , 1405-1408		18
1867	Default network connectivity in medial temporal lobe amnesia. <b>2012</b> , 32, 14622-9		37
1866	Spatial navigation impairment is proportional to right hippocampal volume. <b>2012</b> , 109, 2590-4		93
1865	Imaging prior information in the brain. <b>2012</b> , 109, 7935-40		24

1864	Age-related changes to the neural correlates of social evaluation. <b>2012</b> , 7, 552-64	14
1863	Childhood maltreatment is associated with reduced volume in the hippocampal subfields CA3, dentate gyrus, and subiculum. <b>2012</b> , 109, E563-72	410
1862	Diminished whole-brain but enhanced peri-sylvian connectivity in absolute pitch musicians. <b>2012</b> , 24, 1447-61	48
1861	Examining intrinsic thalamic resting state networks using graph theory analysis: implications for mTBI detection. <b>2012</b> , 2012, 5445-8	5
1860	The TWIN-E project in emotional wellbeing: study protocol and preliminary heritability results across four MRI and DTI measures. <b>2012</b> , 15, 419-41	33
1859	A comparison of heritability maps of cortical surface area and thickness and the influence of adjustment for whole brain measures: a magnetic resonance imaging twin study. <b>2012</b> , 15, 304-14	89
1858	A pilot study of quantitative MRI measurements of ventricular volume and cortical atrophy for the differential diagnosis of normal pressure hydrocephalus. <b>2012</b> , 2012, 718150	26
1857	Mapping cortical dynamics using simultaneous MEG/EEG and anatomically-constrained minimum-norm estimates: an auditory attention example. <b>2012</b> , e4262	13
1856	The effects of FreeSurfer version, workstation type, and Macintosh operating system version on anatomical volume and cortical thickness measurements. <b>2012</b> , 7, e38234	234
1855	Prediction of conversion from mild cognitive impairment to Alzheimer disease based on bayesian data mining with ensemble learning. <b>2012</b> , 25, 5-16	8
1854	Simultaneous Cortical Surface Labeling and Sulcal Curve Extraction. <b>2012</b> , 8314,	0
1853	The association between brain volumes, delirium duration, and cognitive outcomes in intensive care unit survivors: the VISIONS cohort magnetic resonance imaging study*. <b>2012</b> , 40, 2022-32	188
1852	Cerebral blood flow in Alzheimer's disease. <b>2012</b> , 8, 599-611	124
1851	Quantification of the human lateral geniculate nucleus in vivo using MR imaging based on morphometry: volume loss with age. <b>2012</b> , 33, 915-21	26
1850	Longitudinal changes in behavioral approach system sensitivity and brain structures involved in reward processing during adolescence. <b>2012</b> , 48, 1488-500	138
1849	Magnetic resonance connectome automated pipeline: an overview. <b>2012</b> , 3, 42-8	22
1848	Formulating spatially varying performance in the statistical fusion framework. <b>2012</b> , 31, 1326-36	81
1847	Associations among vascular risk factors, carotid atherosclerosis, and cortical volume and thickness in older adults. <b>2012</b> , 43, 2865-70	43

1846	Treatment course with antidepressant therapy in late-life depression. <b>2012</b> , 169, 1185-93	65
1845	Within-subject template estimation for unbiased longitudinal image analysis. <b>2012</b> , 61, 1402-18	1386
1844	Multimodal imaging of the self-regulating developing brain. <b>2012</b> , 109, 19620-5	169
1843	Thalamic contribution to Sleep Slow Oscillation features in humans: a single case cross sectional EEG study in Fatal Familial Insomnia. <b>2012</b> , 13, 946-52	21
1842	Dopamine modulates episodic memory persistence in old age. <b>2012</b> , 32, 14193-204	139
1841	A rapid, hippocampus-dependent, item-memory signal that initiates context memory in humans. <b>2012</b> , 22, 2369-74	34
1840	A 5-year follow-up study of brain cortical and subcortical abnormalities in a schizophrenia cohort. <b>2012</b> , 142, 209-16	30
1839	Effect of lifestyle activities on Alzheimer disease biomarkers and cognition. <b>2012</b> , 72, 730-8	118
1838	A Grid-Enabled Gateway for Biomedical Data Analysis. <b>2012</b> , 10, 725-742	16
1837	Grey matter abnormalities in social anxiety disorder: a pilot study. <b>2012</b> , 27, 299-309	72
1836	White matter imaging changes in subjective and mild cognitive impairment. <b>2012</b> , 8, S112-21	61
1835	Greater regional brain atrophy rate in healthy elderly subjects with a history of cigarette smoking. <b>2012</b> , 8, 513-9	42
1834	Brain gray matter phenotypes across the psychosis dimension. <b>2012</b> , 204, 13-24	44
1833	Effects of alcohol dependence on cortical thickness as determined by magnetic resonance imaging. <b>2012</b> , 204, 101-11	61
1832	Genetic and environmental influences of white and gray matter signal contrast: a new phenotype for imaging genetics?. <b>2012</b> , 60, 1686-95	25
1831	Healthy aging: an automatic analysis of global and regional morphological alterations of human brain. <b>2012</b> , 19, 785-93	74
1830	Automatic segmentation of pediatric brain MRIs using a maximum probability pediatric atlas. <b>2012</b> ,	4
1829	LEFT VERSUS RIGHT HEMISPHERE DIFFERENCES IN BRAIN CONNECTIVITY: 4-TESLA HARDI TRACTOGRAPHY IN 569 TWINS. <b>2012</b> , 2012, 526-529	14

1828	Learning to see words. <b>2012</b> , 63, 31-53	93
1827	Apolipoprotein E $\epsilon$ -related thickening of the cerebral cortex modulates selective attention. <b>2012</b> , 33, 304-322.e1	23
1826	Nonlinear time course of brain volume loss in cognitively normal and impaired elders. <b>2012</b> , 33, 845-55	61
1825	Normal age-related brain morphometric changes: nonuniformity across cortical thickness, surface area and gray matter volume?. <b>2012</b> , 33, 617.e1-9	303
1824	Age and amyloid-related alterations in default network habituation to stimulus repetition. <b>2012</b> , 33, 1237-52	62
1823	Structural hemispheric asymmetries in the human precentral gyrus hand representation. <b>2012</b> , 210, 211-21	23
1822	Structural analysis of fMRI data: a surface-based framework for multi-subject studies. <b>2012</b> , 16, 976-90	3
1821	Comprehensive evaluation of cortical structure abnormalities in drug-naïve, adult patients with obsessive-compulsive disorder: a surface-based morphometry study. <b>2012</b> , 46, 1161-8	36
1820	PET amyloid-beta imaging in preclinical Alzheimer's disease. <b>2012</b> , 1822, 370-9	102
1819	Fronto-striatal circuitry and inhibitory control in autism: findings from diffusion tensor imaging tractography. <b>2012</b> , 48, 183-93	173
1818	Different associations of white matter lesions with depression and cognition. <b>2012</b> , 12, 83	7
1817	Adolescents with prenatal cocaine exposure show subtle alterations in striatal surface morphology and frontal cortical volumes. <b>2012</b> , 4, 22	15
1816	A review of partial volume correction techniques for emission tomography and their applications in neurology, cardiology and oncology. <b>2012</b> , 57, R119-59	296
1815	Reduced anterior cingulate cognitive activation is associated with prefrontal-temporal cortical thinning in schizophrenia. <b>2012</b> , 71, 146-53	24
1814	A neural basis for interindividual differences in the McGurk effect, a multisensory speech illusion. <b>2012</b> , 59, 781-7	200
1813	Abnormal cerebral cortical thinning pattern in adolescent girls with idiopathic scoliosis. <b>2012</b> , 59, 935-42	33
1812	Direct evidence of intra- and interhemispheric corticomotor network degeneration in amyotrophic lateral sclerosis: an automated MRI structural connectivity study. <b>2012</b> , 59, 2661-9	55
1811	Source cancellation profiles of electroencephalography and magnetoencephalography. <b>2012</b> , 59, 2464-74	34



1810	Stability of resting fMRI interregional correlations analyzed in subject-native space: a one-year longitudinal study in healthy adults and premanifest Huntington's disease. <b>2012</b> , 59, 2452-63	40
1809	Complex relationships between cerebral blood flow and brain atrophy in early Huntington's disease. <b>2012</b> , 59, 1043-51	42
1808	Maternal history of reading difficulty is associated with reduced language-related gray matter in beginning readers. <b>2012</b> , 59, 3021-32	68
1807	Hierarchical topological network analysis of anatomical human brain connectivity and differences related to sex and kinship. <b>2012</b> , 59, 3784-804	52
1806	Cortical thickness changes following spatial navigation training in adulthood and aging. <b>2012</b> , 59, 3389-97	63
1805	Test-retest variability underlying fMRI measurements. <b>2012</b> , 60, 717-27	41
1804	MEG evoked responses and rhythmic activity provide spatiotemporally complementary measures of neural activity in language production. <b>2012</b> , 60, 29-36	27
1803	FreeSurfer. <b>2012</b> , 62, 774-81	3773
1802	Brain templates and atlases. <b>2012</b> , 62, 911-22	299
1801	Multiple sensitivity profiles to diversity and transition structure in non-stationary input. <b>2012</b> , 60, 991-1005	29
1800	An event-based model for disease progression and its application in familial Alzheimer's disease and Huntington's disease. <b>2012</b> , 60, 1880-9	125
1799	Combining atlas-based parcellation of regional brain data acquired across scanners at 1.5 T and 3.0 T field strengths. <b>2012</b> , 60, 940-51	34
1798	Enhanced early-latency electromagnetic activity in the left premotor cortex is associated with successful phonetic categorization. <b>2012</b> , 60, 1937-46	30
1797	Correlates of perceptual awareness in human primary auditory cortex revealed by an informational masking experiment. <b>2012</b> , 61, 62-9	36
1796	A multi-modal investigation of behavioral adjustment: post-error slowing is associated with white matter characteristics. <b>2012</b> , 61, 195-205	14
1795	Characteristics and variability of structural networks derived from diffusion tensor imaging. <b>2012</b> , 61, 1153-64	89
1794	Combining MRI and CSF measures for classification of Alzheimer's disease and prediction of mild cognitive impairment conversion. <b>2012</b> , 62, 229-38	224
1793	Multisensory speech perception without the left superior temporal sulcus. <b>2012</b> , 62, 1825-32	38

1792	Regional changes of cortical mean diffusivities with aging after correction of partial volume effects. <b>2012</b> , 62, 1705-16	20
1791	Naming impairment in Alzheimer's disease is associated with left anterior temporal lobe atrophy. <b>2012</b> , 63, 348-55	72
1790	Benefits of multi-modal fusion analysis on a large-scale dataset: life-span patterns of inter-subject variability in cortical morphometry and white matter microstructure. <b>2012</b> , 63, 365-80	96
1789	Growth of language-related brain areas after foreign language learning. <b>2012</b> , 63, 240-4	206
1788	Neural systems mediating recognition of changes in statistical regularities. <b>2012</b> , 63, 1730-42	29
1787	Whole brain resting state functional connectivity abnormalities in schizophrenia. <b>2012</b> , 139, 7-12	99
1786	Temporal and frontal cortical thickness associations with M100 auditory activity and attention in healthy controls and individuals with schizophrenia. <b>2012</b> , 140, 250-7	30
1785	Anatomical connectivity patterns predict face selectivity in the fusiform gyrus. <b>2011</b> , 15, 321-7	216
1784	Markov random field and Gaussian mixture for segmented MRI-based partial volume correction in PET. <b>2012</b> , 57, 6681-705	29
1783	CSF biomarker associations with change in hippocampal volume and precuneus thickness: implications for the Alzheimer's pathological cascade. <b>2012</b> , 6, 599-609	37
1782	Beta amyloid, tau, neuroimaging, and cognition: sequence modeling of biomarkers for Alzheimer's Disease. <b>2012</b> , 6, 610-20	46
1781	Neuroimaging of structural pathology and connectomics in traumatic brain injury: Toward personalized outcome prediction. <b>2012</b> , 1, 1-17	85
1780	Correlating anterior insula gray matter volume changes in young people with clinical and neurocognitive outcomes: an MRI study. <b>2012</b> , 12, 45	44
1779	Cortical gyrification and sulcal spans in early stage Alzheimer's disease. <b>2012</b> , 7, e31083	40
1778	Regional brain differences in cortical thickness, surface area and subcortical volume in individuals with Williams syndrome. <b>2012</b> , 7, e31913	49
1777	A network model of observation and imitation of speech. <b>2012</b> , 3, 84	24
1776	Structural Variation within the Amygdala and Ventromedial Prefrontal Cortex Predicts Memory for Impressions in Older Adults. <b>2012</b> , 3, 319	13
1775	Using multivariate machine learning methods and structural MRI to classify childhood onset schizophrenia and healthy controls. <b>2012</b> , 3, 53	44

1774	Nucleus Accumbens Volume Is Associated with Frequency of Alcohol Use among Juvenile Justice-Involved Adolescents. <b>2012</b> , 2, 605-18	9
1773	Patient-tailored connectomics visualization for the assessment of white matter atrophy in traumatic brain injury. <b>2012</b> , 3, 10	49
1772	Multi-voxel pattern analysis in human hippocampal subfields. <b>2012</b> , 6, 290	69
1771	101 labeled brain images and a consistent human cortical labeling protocol. <b>2012</b> , 6, 171	464
1770	Network, anatomical, and non-imaging measures for the prediction of ADHD diagnosis in individual subjects. <b>2012</b> , 6, 78	42
1769	Alzheimer disease: new concepts on its neurobiology and the clinical role imaging will play. <b>2012</b> , 263, 344-61	166
1768	Volumetric navigators for prospective motion correction and selective reacquisition in neuroanatomical MRI. <b>2012</b> , 68, 389-99	244
1767	Regional brain volume reductions relate to facial dysmorphology and neurocognitive function in fetal alcohol spectrum disorders. <b>2012</b> , 33, 920-37	79
1766	Understanding specific effects of prenatal alcohol exposure on brain structure in young adults. <b>2012</b> , 33, 1663-76	45
1765	Assessment of cortical degeneration in patients with Parkinson's disease by voxel-based morphometry, cortical folding, and cortical thickness. <b>2012</b> , 33, 2521-34	146
1764	Genome-wide supported psychosis risk variant in ZNF804A gene and impact on cortico-limbic WM integrity in schizophrenia. <b>2012</b> , 159B, 255-62	29
1763	Childhood socioeconomic status and adult brain size: childhood socioeconomic status influences adult hippocampal size. <b>2012</b> , 71, 653-60	114
1762	A review of magnetic resonance imaging and diffusion tensor imaging findings in mild traumatic brain injury. <b>2012</b> , 6, 137-92	627
1761	Binge drinking differentially affects adolescent male and female brain morphometry. <b>2012</b> , 220, 529-39	143
1760	Magnetic resonance volumetry and spectroscopy of hippocampus and insula in relation to severe exposure of traumatic stress. <b>2012</b> , 49, 261-70	16
1759	Psychological dysregulation, white matter disorganization and substance use disorders in adolescence. <b>2012</b> , 107, 206-14	48
1758	Oxygen-enhanced MRI in temporal lobe epilepsy: diagnosis and lateralization. <b>2012</b> , 98, 50-61	2
1757	A cross-sectional MRI study of brain regional atrophy and clinical characteristics of temporal lobe epilepsy with hippocampal sclerosis. <b>2012</b> , 99, 156-66	24

1756	Abnormal gray matter aging in chronic pain patients. <b>2012</b> , 1456, 82-93	60
1755	Widespread cortical morphologic changes in juvenile myoclonic epilepsy: evidence from structural MRI. <b>2012</b> , 53, 651-8	46
1754	Brain structure and aging in chronic temporal lobe epilepsy. <b>2012</b> , 53, 1033-43	34
1753	A multivariate twin study of hippocampal volume, self-esteem and well-being in middle-aged men. <b>2012</b> , 11, 539-44	16
1752	Mapping the human connectome at multiple scales with diffusion spectrum MRI. <b>2012</b> , 203, 386-97	283
1751	White matter integrity and reaction time intraindividual variability in healthy aging and early-stage Alzheimer disease. <b>2012</b> , 50, 357-66	80
1750	TMS-induced modulation of action sentence priming in the ventral premotor cortex. <b>2012</b> , 50, 319-26	55
1749	Differential associations between types of verbal memory and prefrontal brain structure in healthy aging and late life depression. <b>2012</b> , 50, 1823-9	28
1748	Memory ability and hippocampal volume in adolescents with prenatal drug exposure. <b>2012</b> , 34, 434-41	14
1747	Structural abnormalities in language circuits in genetic high-risk subjects and schizophrenia patients. <b>2012</b> , 201, 182-9	32
1746	Gesture in the developing brain. <b>2012</b> , 15, 165-80	42
1745	Perceived helplessness is associated with individual differences in the central motor output system. <b>2012</b> , 35, 1481-7	36
1744	Atypical developmental trajectory of functionally significant cortical areas in children with chromosome 22q11.2 deletion syndrome. <b>2012</b> , 33, 213-23	23
1743	Regional thinning of cerebral cortical thickness in first-episode and chronic schizophrenia. <b>2012</b> , 22, 73-80	2
1742	Structural changes of the brain in rheumatoid arthritis. <b>2012</b> , 64, 371-9	75
1741	Hippocampal subregions are differentially affected in the progression to Alzheimer's disease. <b>2012</b> , 295, 132-40	24
1740	CETP polymorphisms associate with brain structure, atrophy rate, and Alzheimer's disease risk in an APOE-dependent manner. <b>2012</b> , 6, 16-26	19
1739	Normal variation in behavioral adjustment relates to regional differences in cortical thickness in children. <b>2012</b> , 21, 133-40	19

1738	Chronic cigarette smoking in alcohol dependence: associations with cortical thickness and N-acetylaspartate levels in the extended brain reward system. <b>2013</b> , 18, 379-91	57
1737	The effect of meditation on brain structure: cortical thickness mapping and diffusion tensor imaging. <b>2013</b> , 8, 27-33	135
1736	Functional connectivity-based identification of subdivisions of the basal ganglia and thalamus using multilevel independent component analysis of resting state fMRI. <b>2013</b> , 34, 1371-85	63
1735	Differential functional response in the posteromedial cortices and hippocampus to stimulus repetition during successful memory encoding. <b>2013</b> , 34, 1568-78	32
1734	Spatial MEG laterality maps for language: clinical applications in epilepsy. <b>2013</b> , 34, 1749-60	8
1733	Emotional expressions in voice and music: same code, same effect?. <b>2013</b> , 34, 1796-810	50
1732	Interindividual variation in serum cholesterol is associated with regional white matter tissue integrity in older adults. <b>2013</b> , 34, 1826-41	53
1731	Neural correlates of visual search in patients with hereditary retinal dystrophies. <b>2013</b> , 34, 2607-23	16
1730	Improved prediction of Alzheimer's disease with longitudinal white matter/gray matter contrast changes. <b>2013</b> , 34, 2775-85	12
1729	Evidence for a detrimental relationship between hypertension history, prospective memory, and prefrontal cortex white matter in cognitively normal older adults. <b>2013</b> , 13, 405-16	14
1728	Affective value and associative processing share a cortical substrate. <b>2013</b> , 13, 46-59	37
1727	Improved inference in Bayesian segmentation using Monte Carlo sampling: application to hippocampal subfield volumetry. <b>2013</b> , 17, 766-78	33
1726	Parietal connectivity mediates multisensory facilitation. <b>2013</b> , 78, 396-401	21
1725	Enhanced spontaneous oscillations in the supplementary motor area are associated with sleep-dependent offline learning of finger-tapping motor-sequence task. <b>2013</b> , 33, 13894-902	55
1724	Cortical thinning in young psychosis and bipolar patients correlate with common neurocognitive deficits. <b>2013</b> , 1, 3	26
1723	Socioeconomic status and the cerebellar grey matter volume. Data from a well-characterised population sample. <b>2013</b> , 12, 882-91	23
1722	Brain atrophy associations with white matter lesions in the ageing brain: the Lothian Birth Cohort 1936. <b>2013</b> , 23, 1084-92	54
1721	An anatomical substrate for integration among functional networks in human cortex. <b>2013</b> , 33, 14489-500	278

1720	Effects of aging and Alzheimer's disease along the longitudinal axis of the hippocampus. <b>2013</b> , 37, 41-50	23
1719	Associations between cortical thickness and general intelligence in children, adolescents and young adults. <b>2013</b> , 41, 597-606	61
1718	Tracking the roots of reading ability: white matter volume and integrity correlate with phonological awareness in prereading and early-reading kindergarten children. <b>2013</b> , 33, 13251-8	161
1717	Cortical thickness determination of the human brain using high resolution 3T and 7T MRI data. <b>2013</b> , 70, 122-31	90
1716	Breakdown of brain connectivity between normal aging and Alzheimer's disease: a structural k-core network analysis. <b>2013</b> , 3, 407-22	128
1715	Global mapping of the whole-brain network underlining binocular rivalry. <b>2013</b> , 3, 212-21	5
1714	Human middle longitudinal fascicle: segregation and behavioral-clinical implications of two distinct fiber connections linking temporal pole and superior temporal gyrus with the angular gyrus or superior parietal lobule using multi-tensor tractography. <b>2013</b> , 7, 335-52	73
1713	Patterns of cortical thickness and the Child Behavior Checklist in childhood epilepsy. <b>2013</b> , 29, 198-204	16
1712	Feasibility of studying brain morphology in major depressive disorder with structural magnetic resonance imaging and clinical data from the electronic medical record: a pilot study. <b>2013</b> , 211, 202-13	12
1711	Electroconvulsive therapy increases hippocampal and amygdala volume in therapy refractory depression: a longitudinal pilot study. <b>2013</b> , 214, 197-203	111
1710	The molecular pathogenesis of migraine: new developments and opportunities. <b>2013</b> , 22, R39-44	13
1709	Neurofeedback training induces changes in white and gray matter. <b>2013</b> , 44, 265-72	84
1708	Inter-regional cortical thickness correlations are associated with autistic symptoms: a machine-learning approach. <b>2013</b> , 47, 453-9	42
1707	Regional cerebral volumes in veterans with current versus remitted posttraumatic stress disorder. <b>2013</b> , 213, 193-201	39
1706	Independent and interactive effects of blood pressure and cardiac function on brain volume and white matter hyperintensities in heart failure. <b>2013</b> , 7, 336-43	21
1705	Locally linear embedding (LLE) for MRI based Alzheimer's disease classification. <b>2013</b> , 83, 148-57	99
1704	Modeling trajectories of regional volume loss in progressive supranuclear palsy. <b>2013</b> , 28, 1117-24	31
1703	Parcellation of the human substantia nigra based on anatomical connectivity to the striatum. <b>2013</b> , 81, 191-198	44

1702	Motor cortex and gait in mild cognitive impairment: a magnetic resonance spectroscopy and volumetric imaging study. <b>2013</b> , 136, 859-71	76
1701	Fiber clustering versus the parcellation-based connectome. <b>2013</b> , 80, 283-9	69
1700	Developmental trajectories of grey and white matter in dyscalculia. <b>2013</b> , 2, 56-64	26
1699	Quantification of Changes in Language-Related Brain Areas in Autism Spectrum Disorders Using Large-Scale Network Analysis. <b>2013</b> , 51-56	2
1698	A surface-based analysis of language lateralization and cortical asymmetry. <b>2013</b> , 25, 1477-92	142
1697	Structural Magnetic Resonance Imaging as a Biomarker for the Diagnosis, Progression, and Treatment of Alzheimer Disease. <b>2013</b> , 87-129	1
1696	BOLD response to working memory not related to cortical thickness during early adolescence. <b>2013</b> , 1537, 59-68	14
1695	Task-modulated activation and functional connectivity of the temporal and frontal areas during speech comprehension. <b>2013</b> , 237, 87-95	21
1694	Comparison of spherical and realistically shaped boundary element head models for transcranial magnetic stimulation navigation. <b>2013</b> , 124, 1995-2007	65
1693	TRACTOGRAPHY DENSITY AND NETWORK MEASURES IN ALZHEIMER'S DISEASE. <b>2013</b> , 2013, 692-695	25
1692	Impartiality in humans is predicted by brain structure of dorsomedial prefrontal cortex. <b>2013</b> , 81, 317-324	27
1691	Regional cortical volume and cognitive functioning following traumatic brain injury. <b>2013</b> , 83, 34-44	42
1690	Brain imaging predictors and the international study to predict optimized treatment for depression: study protocol for a randomized controlled trial. <b>2013</b> , 14, 224	31
1689	Reduced cerebral blood flow and white matter hyperintensities predict poor sleep in heart failure. <b>2013</b> , 9, 42	13
1688	Genomic imprinting effects of the X chromosome on brain morphology. <b>2013</b> , 33, 8567-74	34
1687	Correction of partial volume effect in (18)F-FDG PET brain studies using coregistered MR volumes: voxel based analysis of tracer uptake in the white matter. <b>2013</b> , 72, 183-92	19
1686	The structural connectome of the human brain in agenesis of the corpus callosum. <b>2013</b> , 70, 340-55	60
1685	Effects of alcohol use initiation on brain structure in typically developing adolescents. <b>2013</b> , 39, 345-55	82

1684	FLOW-BASED NETWORK MEASURES OF BRAIN CONNECTIVITY IN ALZHEIMER'S DISEASE. <b>2013</b> , 2013, 258-261		5
1683	Examination of frontal and parietal tectocortical attention pathways in spina bifida meningocele using probabilistic diffusion tractography. <b>2013</b> , 3, 512-22		15
1682	Multi-modal magnetic resonance imaging in the acute and sub-acute phase of mild traumatic brain injury: can we see the difference?. <b>2013</b> , 30, 2-10		86
1681	Synthetic event-related potentials: a computational bridge between neurolinguistic models and experiments. <b>2013</b> , 37, 66-92		19
1680	The ups and downs of the posteromedial cortex: age- and amyloid-related functional alterations of the encoding/retrieval flip in cognitively normal older adults. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 1317-28	5.1	34
1679	The visual cortex in schizophrenia: alterations of gyrification rather than cortical thickness--a combined cortical shape analysis. <b>2013</b> , 218, 51-8		42
1678	Morphometry of superior temporal gyrus and planum temporale in schizophrenia and psychotic bipolar disorder. <b>2013</b> , 150, 476-83		40
1677	Genetic control of functional brain network efficiency in children. <b>2013</b> , 23, 19-23		95
1676	3D model-based approach to identification of laminar structures of the cerebral cortex: Application to Brodmann areas 17 and 18. <b>2013</b> , 8, 845-857		
1675	Poorer physical fitness is associated with reduced structural brain integrity in heart failure. <b>2013</b> , 328, 51-7		27
1674	Effectiveness of regional DTI measures in distinguishing Alzheimer's disease, MCI, and normal aging. <b>2013</b> , 3, 180-95		192
1673	Cortical mapping by magnetic resonance imaging (MRI) and quantitative cytological analysis in the human brain: a feasibility study in the fusiform gyrus. <b>2013</b> , 218, 9-16		5
1672	Brain function overlaps when people observe emblems, speech, and grasping. <b>2013</b> , 51, 1619-29		48
1671	Longitudinal changes in sulcal morphology associated with late-life aging and MCI. <b>2013</b> , 74, 337-42		30
1670	The effect of subsyndromal symptoms of depression and white matter lesions on disability for individuals with mild cognitive impairment. <b>2013</b> , 21, 906-14		23
1669	Effects of eight weeks of atypical antipsychotic treatment on middle frontal thickness in drug-naïve first-episode psychosis patients. <b>2013</b> , 149, 149-55		43
1668	Functional and structural aging of the speech sensorimotor neural system: functional magnetic resonance imaging evidence. <b>2013</b> , 34, 1935-51		25
1667	Brain development and aging: overlapping and unique patterns of change. <b>2013</b> , 68, 63-74		173



1666	Reduced hippocampal volume and verbal memory performance associated with interleukin-6 and tumor necrosis factor-alpha levels in chemotherapy-treated breast cancer survivors. <b>2013</b> , 30 Suppl, S109-16	193
1665	Estimating false positives and negatives in brain networks. <b>2013</b> , 70, 402-9	169
1664	Predicting dementia development in Parkinson's disease using Bayesian network classifiers. <b>2013</b> , 213, 92-8	42
1663	How anatomical asymmetry of human auditory cortex can lead to a rightward bias in auditory evoked fields. <b>2013</b> , 74, 22-9	40
1662	Familiarity-based memory as an early cognitive marker of preclinical and prodromal AD. <b>2013</b> , 51, 1094-102	45
1661	Interactive effects of chronic cigarette smoking and age on hippocampal volumes. <b>2013</b> , 133, 704-11	43
1660	Robust estimation of fractal measures for characterizing the structural complexity of the human brain: optimization and reproducibility. <b>2013</b> , 83, 646-57	22
1659	Testing the estrogen hypothesis of schizophrenia: associations between cumulative estrogen exposure and cerebral structural measures. <b>2013</b> , 150, 114-20	7
1658	Thicker posterior insula is associated with disease duration in women with irritable bowel syndrome (IBS) whereas thicker orbitofrontal cortex predicts reduced pain inhibition in both IBS patients and controls. <b>2013</b> , 14, 1217-26	48
1657	Reduced anterior cingulate gray matter volume and thickness in subjects with deficit schizophrenia. <b>2013</b> , 150, 484-90	34
1656	Individual differences in neural regions functionally related to real and imagined stuttering. <b>2013</b> , 124, 153-64	39
1655	Cavum septum pellucidum in pediatric traumatic brain injury. <b>2013</b> , 213, 186-92	10
1654	Reduced cortical thickness with increased lifetime burden of PTSD in OEF/OIF Veterans and the impact of comorbid TBI. <b>2013</b> , 2, 601-11	78
1653	Topological properties of large-scale structural brain networks in children with familial risk for reading difficulties. <b>2013</b> , 71, 260-74	78
1652	Personality traits in juvenile myoclonic epilepsy: evidence of cortical abnormalities from a surface morphometry study. <b>2013</b> , 27, 385-92	18
1651	<sup>18</sup> F-FPEB, a PET radiopharmaceutical for quantifying metabotropic glutamate 5 receptors: a first-in-human study of radiochemical safety, biokinetics, and radiation dosimetry. <b>2013</b> , 54, 388-96	78
1650	Increased cortical surface area of the left planum temporale in musicians facilitates the categorization of phonetic and temporal speech sounds. <b>2013</b> , 49, 2812-21	61
1649	The parcellation-based connectome: limitations and extensions. <b>2013</b> , 80, 397-404	198

1648	Anomalous use of context during task preparation in schizophrenia: a magnetoencephalography study. <b>2013</b> , 73, 967-75	8
1647	Combined dementia-risk biomarkers in Parkinson's disease: a prospective longitudinal study. <b>2013</b> , 19, 717-24	104
1646	Test-retest reliability of computational network measurements derived from the structural connectome of the human brain. <b>2013</b> , 3, 160-76	62
1645	Recursive grid partitioning on a cortical surface model: an optimized technique for the localization of implanted subdural electrodes. <b>2013</b> , 118, 1086-97	59
1644	Cortical thickness and cognition in very-low-birth-weight late teenagers. <b>2013</b> , 89, 371-80	61
1643	FOCUSR: feature oriented correspondence using spectral regularization--a method for precise surface matching. <b>2013</b> , 35, 2143-60	53
1642	Relevance of magnetic resonance imaging for early detection and diagnosis of Alzheimer disease. <b>2013</b> , 97, 399-424	108
1641	Brain changes in older adults at very low risk for Alzheimer's disease. <b>2013</b> , 33, 8237-42	152
1640	An MRI-based index to measure the severity of Alzheimer's disease-like structural pattern in subjects with mild cognitive impairment. <b>2013</b> , 273, 396-409	43
1639	Sex differences and structural brain maturation from childhood to early adulthood. <b>2013</b> , 5, 106-18	135
1638	Functional brain network organisation of children between 2 and 5 years derived from reconstructed activity of cortical sources of high-density EEG recordings. <b>2013</b> , 82, 595-604	34
1637	Brain morphometry reproducibility in multi-center 3T MRI studies: a comparison of cross-sectional and longitudinal segmentations. <b>2013</b> , 83, 472-84	129
1636	Genetic variation in GAD1 is associated with cortical thickness in the parahippocampal gyrus. <b>2013</b> , 47, 872-9	8
1635	Mild traumatic brain injury: longitudinal regional brain volume changes. <b>2013</b> , 267, 880-90	161
1634	Gray matter changes following limb amputation with high and low intensities of phantom limb pain. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 1038-48	5.1 54
1633	Neuronal correlates of the five factor model (FFM) of human personality: Multimodal imaging in a large healthy sample. <b>2013</b> , 65, 194-208	163
1632	Processing of speech and non-speech sounds in the supratemporal plane: auditory input preference does not predict sensitivity to statistical structure. <b>2013</b> , 66, 318-32	39
1631	Alterations in the cerebral white matter of genetic high risk offspring of patients with schizophrenia spectrum disorder. <b>2013</b> , 40, 187-92	7

1630	Longitudinal working memory development is related to structural maturation of frontal and parietal cortices. <b>2013</b> , 25, 1611-23		86
1629	Regional magnetic resonance imaging measures for multivariate analysis in Alzheimer's disease and mild cognitive impairment. <b>2013</b> , 26, 9-23		137
1628	Logical foundations and fast implementation of probabilistic tractography. <b>2013</b> , 32, 1397-410		9
1627	Hemispheric asymmetries of cortical volume in the human brain. <b>2013</b> , 49, 200-10		51
1626	The adverse impact of type 2 diabetes on brain volume in heart failure. <b>2013</b> , 35, 309-18		12
1625	Extensive left temporal pole damage does not impact on theory of mind abilities. <b>2013</b> , 25, 2025-46		10
1624	Distinct laterality alterations distinguish mild cognitive impairment and Alzheimer's disease from healthy aging: statistical parametric mapping with high resolution MRI. <b>2013</b> , 34, 3400-10		48
1623	Increased gyrification, but comparable surface area in adolescents with autism spectrum disorders. <b>2013</b> , 136, 1956-67		100
1622	Cortical brain morphology in young, estrogen-naïve, and adolescent, estrogen-treated girls with Turner syndrome. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 2159-68	5.1	27
1621	Neuroimaging and the search for a cure for Alzheimer disease. <b>2013</b> , 269, 671-91		37
1620	Peripheral blood HIV DNA is associated with atrophy of cerebellar and subcortical gray matter. <b>2013</b> , 80, 1792-9		55
1619	In vivo radioligand binding to translocator protein correlates with severity of Alzheimer's disease. <b>2013</b> , 136, 2228-38		232
1618	An expanded role for neuroimaging in the evaluation of memory impairment. <b>2013</b> , 34, 2075-82		20
1617	GRIN2B gene and associated brain cortical white matter changes in bipolar disorder: a preliminary combined platform investigation. <b>2013</b> , 2013, 635131		5
1616	PET imaging of high-affinity $\alpha 4$ nicotinic acetylcholine receptors in humans with 18F-AZAN, a radioligand with optimal brain kinetics. <b>2013</b> , 54, 1308-14		37
1615	Quantification and discrimination of abnormal sulcal patterns in polymicrogyria. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 3007-15	5.1	29
1614	Interhemispheric functional connectivity following prenatal or perinatal brain injury predicts receptive language outcome. <b>2013</b> , 33, 5612-25		21
1613	Functional and structural brain modifications induced by oculomotor training in patients with age-related macular degeneration. <b>2013</b> , 4, 428		23

1612	How functional connectivity between emotion regulation structures can be disrupted: preliminary evidence from adolescents with moderate to severe traumatic brain injury. <b>2013</b> , 19, 911-24	18
1611	A fast statistical significance test for baseline correction and comparative analysis in phase locking. <b>2013</b> , 7, 3	4
1610	Cerebellar asymmetry and its relation to cerebral asymmetry estimated by intrinsic functional connectivity. <b>2013</b> , 109, 46-57	78
1609	Brain imaging and human nutrition: which measures to use in intervention studies?. <b>2013</b> , 110 Suppl 1, S1-30	46
1608	Medial and lateral networks in anterior prefrontal cortex support metacognitive ability for memory and perception. <b>2013</b> , 33, 16657-65	193
1607	Integration of XNAT/PACS, DICOM, and Research Software for Automated Multi-modal Image Analysis. <b>2013</b> , 8674,	14
1606	Gray Matter Pathology in MS: Neuroimaging and Clinical Correlations. <b>2013</b> , 2013, 627870	18
1605	Early adolescent cortical thinning is related to better neuropsychological performance. <b>2013</b> , 19, 962-70	56
1604	Hippocampal volume as marker of daily life stress sensitivity in psychosis. <b>2013</b> , 43, 1377-87	34
1603	Medial temporal cortices in ex vivo magnetic resonance imaging. <b>2013</b> , 521, 4177-88	16
1602	A connectionist approach to mapping the human connectome permits simulations of neural activity within an artificial brain. <b>2014</b> , 4, 40-52	6
1601	Classification and prediction of clinical diagnosis of Alzheimer's disease based on MRI and plasma measures of $\beta$ -tocoatrienols and $\beta$ -tocopherol. <b>2013</b> , 273, 602-21	58
1600	Longitudinal Heschl's gyrus growth during childhood and adolescence in typical development and autism. <b>2013</b> , 6, 78-90	24
1599	The adverse effects of reduced cerebral perfusion on cognition and brain structure in older adults with cardiovascular disease. <b>2013</b> , 3, 626-36	67
1598	Resting state functional connectivity based on principal component transformation of cortical fMRI measurements. <b>2013</b> ,	1
1597	Neuropathic pain in ankylosing spondylitis: a psychophysics and brain imaging study. <b>2013</b> , 65, 1494-503	75
1596	Structural and functional changes across the visual cortex of a patient with visual form agnosia. <b>2013</b> , 33, 12779-91	54
1595	Reduced neuroanatomic volumes in long-term survivors of childhood acute lymphoblastic leukemia. <b>2013</b> , 31, 2078-85	58

1594	Brain cortical thickness in ADHD: age, sex, and clinical correlations. <b>2013</b> , 17, 641-54	57
1593	Left atrial size is independently associated with cognitive function. <b>2013</b> , 123, 544-52	9
1592	Cortico-muscular coherence as an index of fatigue in multiple sclerosis. <b>2013</b> , 19, 334-43	34
1591	Intracortical myelin links with performance variability across the human lifespan: results from T1- and T2-weighted MRI myelin mapping and diffusion tensor imaging. <b>2013</b> , 33, 18618-30	180
1590	White matter integrity as a link in the association between motivation to abstain and treatment outcome in adolescent substance users. <b>2013</b> , 27, 533-42	17
1589	Increased Rostral Anterior Cingulate Cortex Volume in Chronic Primary Insomnia. <b>2013</b> , 36, 991-998	82
1588	Assessing the performance of atlas-based prefrontal brain parcellation in an aging cohort. <b>2013</b> , 37, 257-64	8
1587	The impact of limbic system morphology on facial emotion recognition in bipolar I disorder and healthy controls. <b>2013</b> , 9, 743-51	5
1586	White Matter and Cognitive Changes in Veterans Diagnosed with Alcoholism and PTSD. <b>2014</b> , 2, 144	15
1585	Brain volumes and neuropsychological performance are related to current smoking and alcoholism history. <b>2013</b> , 9, 1767-84	32
1584	Magnetic resonance imaging of the newborn brain: automatic segmentation of brain images into 50 anatomical regions. <b>2013</b> , 8, e59990	65
1583	Comparison of regional cerebral blood flow responses to hypoglycemia using pulsed arterial spin labeling and positron emission tomography. <b>2013</b> , 8, e60085	22
1582	Heritability of subcortical volumetric traits in mesial temporal lobe epilepsy. <b>2013</b> , 8, e61880	15
1581	Sensorimotor and Pain Modulation Brain Abnormalities in Trigeminal Neuralgia: A Paroxysmal, Sensory-Triggered Neuropathic Pain. <b>2013</b> , 8, e66340	79
1580	Assessment of structural connectivity in the preterm brain at term equivalent age using diffusion MRI and T2 relaxometry: a network-based analysis. <b>2013</b> , 8, e68593	25
1579	Quantitative analysis of PiB-PET with FreeSurfer ROIs. <b>2013</b> , 8, e73377	126
1578	Early indications of future cognitive decline: stable versus declining controls. <b>2013</b> , 8, e74062	23
1577	Evaluation of node-inhomogeneity effects on the functional brain network properties using an anatomy-constrained hierarchical brain parcellation. <b>2013</b> , 8, e74935	17

1576	A connectome-based comparison of diffusion MRI schemes. <b>2013</b> , 8, e75061	16
1575	Cortical grey matter and subcortical white matter brain microstructural changes in schizophrenia are localised and age independent: a case-control diffusion tensor imaging study. <b>2013</b> , 8, e75115	24
1574	Early exposure to traumatic stressors impairs emotional brain circuitry. <b>2013</b> , 8, e75524	26
1573	Cortical thinning and clinical heterogeneity in amyotrophic lateral sclerosis. <b>2013</b> , 8, e80748	57
1572	Abnormal organization of white matter network in patients with no dementia after ischemic stroke. <b>2013</b> , 8, e81388	13
1571	Altered topological organization of cortical network in adolescent girls with idiopathic scoliosis. <b>2013</b> , 8, e83767	11
1570	Effects of baseline CSF $\beta$ -synuclein on regional brain atrophy rates in healthy elders, mild cognitive impairment and Alzheimer's disease. <b>2013</b> , 8, e85443	11
1569	Disparity between dorsal and ventral networks in patients with obsessive-compulsive disorder: evidence revealed by graph theoretical analysis based on cortical thickness from MRI. <b>2013</b> , 7, 302	14
1568	Posterior cortical atrophy: an investigation of scan paths generated during face matching tasks. <b>2013</b> , 7, 309	9
1567	The default modes of reading: modulation of posterior cingulate and medial prefrontal cortex connectivity associated with comprehension and task focus while reading. <b>2013</b> , 7, 734	49
1566	Automated parcellation of the brain surface generated from magnetic resonance images. <b>2013</b> , 7, 23	11
1565	MEG and EEG data analysis with MNE-Python. <b>2013</b> , 7, 267	802
1564	Combined diffusion-weighted and functional magnetic resonance imaging reveals a temporal-occipital network involved in auditory-visual object processing. <b>2013</b> , 7, 5	35
1563	Small-World Properties in Mild Cognitive Impairment and Early Alzheimer's Disease: A Cortical Thickness MRI Study. <b>2013</b> , 2013,	28
1562	White matter consequences of retinal receptor and ganglion cell damage. <b>2014</b> , 55, 6976-86	45
1561	Cortical morphology changes in women with borderline personality disorder: a multimodal approach. <b>2014</b> , 36, 32-8	8
1560	The Connectome Visualization Utility: software for visualization of human brain networks. <b>2014</b> , 9, e113838	20
1559	The influence of sex steroids on structural brain maturation in adolescence. <b>2014</b> , 9, e83929	70

1558	Adolescent brain maturation and cortical folding: evidence for reductions in gyrification. <b>2014</b> , 9, e84914	76
1557	Subcortical correlates of individual differences in aptitude. <b>2014</b> , 9, e89425	9
1556	The role of education and verbal abilities in altering the effect of age-related gray matter differences on cognition. <b>2014</b> , 9, e91196	33
1555	Brain-derived neurotrophic factor/FK506-binding protein 5 genotype by childhood trauma interactions do not impact on hippocampal volume and cognitive performance. <b>2014</b> , 9, e92722	15
1554	Rapid amygdala responses during trace fear conditioning without awareness. <b>2014</b> , 9, e96803	20
1553	Predicting progression of Alzheimer's disease using ordinal regression. <b>2014</b> , 9, e105542	40
1552	Consensus between pipelines in structural brain networks. <b>2014</b> , 9, e111262	14
1551	Mu Opioid Receptor Binding Correlates with Nicotine Dependence and Reward in Smokers. <b>2014</b> , 9, e113694	32
1550	The relation between gray matter morphology and divergent thinking in adolescents and young adults. <b>2014</b> , 9, e114619	17
1549	Validation of network communicability metrics for the analysis of brain structural networks. <b>2014</b> , 9, e115503	20
1548	Differences in cerebral cortical anatomy of left- and right-handers. <b>2014</b> , 5, 261	77
1547	Systematic network lesioning reveals the core white matter scaffold of the human brain. <b>2014</b> , 8, 51	37
1546	Sequencing at the syllabic and supra-syllabic levels during speech perception: an fMRI study. <b>2014</b> , 8, 492	8
1545	TheHiveDB image data management and analysis framework. <b>2014</b> , 7, 49	50
1544	Asymmetry of cerebral gray and white matter and structural volumes in relation to sex hormones and chromosomes. <b>2014</b> , 8, 329	23
1543	Mapping tonotopic organization in human temporal cortex: representational similarity analysis in EMEG source space. <b>2014</b> , 8, 368	14
1542	Diffusion tensor tractography analysis of the corpus callosum fibers in amyotrophic lateral sclerosis. <b>2014</b> , 10, 249-56	9
1541	A computed tomography-based spatial normalization for the analysis of [18F] fluorodeoxyglucose positron emission tomography of the brain. <b>2014</b> , 15, 862-70	2

1540	Associations between subjective sleep quality and brain volume in Gulf War veterans. <b>2014</b> , 37, 445-52	32
1539	Effect of armodafinil on cortical activity and working memory in patients with residual excessive sleepiness associated with CPAP-Treated OSA: a multicenter fMRI study. <b>2014</b> , 10, 143-53	4
1538	Conceptual and data-based investigation of genetic influences and brain asymmetry: a twin study of multiple structural phenotypes. <b>2014</b> , 26, 1100-17	36
1537	Different neural networks are involved in audiovisual speech perception depending on the context. <b>2014</b> , 26, 1572-86	4
1536	Nonparametric Bayesian clustering of structural whole brain connectivity in full image resolution. <b>2014</b> ,	2
1535	Functional connectivity of the posterior hippocampus is more dominant as we age. <b>2014</b> , 5, 150-9	23
1534	Brain structural correlates of individual differences at low-to high-levels of the language processing hierarchy: A review of new approaches to imaging research. <b>2014</b> , 18, 6-34	24
1533	Early musical training is linked to gray matter structure in the ventral premotor cortex and auditory-motor rhythm synchronization performance. <b>2014</b> , 26, 755-67	70
1532	Using Pareto optimality to explore the topology and dynamics of the human connectome. <b>2014</b> , 369,	34
1531	Random Forest ensembles for detection and prediction of Alzheimer's disease with a good between-cohort robustness. <b>2014</b> , 6, 115-25	158
1530	Glucose hypometabolism is highly localized, but lower cortical thickness and brain atrophy are widespread in cognitively normal older adults. <b>2014</b> , 306, E1315-21	33
1529	Characterization of major depressive disorder using a multiparametric classification approach based on high resolution structural images. <b>2014</b> , 39, 78-86	17
1528	Longer gestation is associated with more efficient brain networks in preadolescent children. <b>2014</b> , 100, 619-27	45
1527	Morphology of primary visual cortex predicts individual differences in fixation duration during text reading. <b>2014</b> , 26, 2880-8	13
1526	Differential reorganization of three syntax-related networks induced by a left frontal glioma. <b>2014</b> , 137, 1193-212	44
1525	White matter integrity and cognition in Parkinson's disease: a cross-sectional study. <b>2014</b> , 4, e003976	31
1524	Dissociation of Neural Mechanisms for Intersensory Timing Deficits in Parkinson's Disease. <b>2014</b> , 2, 145-168	14
1523	The role of carotid intima-media thickness in predicting longitudinal cognitive function in an older adult cohort. <b>2014</b> , 38, 441-7	21



1522	Neuroimaging abnormalities in adults with sickle cell anemia: associations with cognition. <b>2014</b> , 82, 835-41	48
1521	Novel ThickNet features for the discrimination of amnesic MCI subtypes. <b>2014</b> , 6, 284-95	8
1520	Local label learning (LLL) for subcortical structure segmentation: application to hippocampus segmentation. <b>2014</b> , 35, 2674-97	82
1519	Automated MRI parcellation of the frontal lobe. <b>2014</b> , 35, 2009-26	17
1518	Heritability of structural brain network topology: a DTI study of 156 twins. <b>2014</b> , 35, 5295-305	50
1517	Uncertainty in visual and auditory series is coded by modality-general and modality-specific neural systems. <b>2014</b> , 35, 1111-28	43
1516	The role of testosterone and estradiol in brain volume changes across adolescence: a longitudinal structural MRI study. <b>2014</b> , 35, 5633-45	152
1515	Increased cortical thickness in a frontoparietal network in social anxiety disorder. <b>2014</b> , 35, 2966-77	51
1514	Associations between T1 white matter lesion volume and regional white matter microstructure in aging. <b>2014</b> , 35, 1085-100	48
1513	Brain morphology in children with 47, XYY syndrome: a voxel- and surface-based morphometric study. <b>2014</b> , 13, 127-34	14
1512	Distinct structural neural patterns of trait physical and social anhedonia: evidence from cortical thickness, subcortical volumes and inter-regional correlations. <b>2014</b> , 224, 184-91	13
1511	Amygdala response to negative stimuli predicts PTSD symptom onset following a terrorist attack. <b>2014</b> , 31, 834-42	84
1510	Insula white matter volume linked to binge drinking frequency through enhancement motives in treated adolescents. <b>2014</b> , 38, 1932-40	15
1509	Frontal and temporal contributions to understanding the iconic co-speech gestures that accompany speech. <b>2014</b> , 35, 900-17	54
1508	Correlation between structural and functional connectivity impairment in amyotrophic lateral sclerosis. <b>2014</b> , 35, 4386-95	74
1507	Unilateral disruptions in the default network with aging in native space. <b>2014</b> , 4, 143-57	28
1506	Impact of methodological variables on functional connectivity findings in autism spectrum disorders. <b>2014</b> , 35, 4035-48	68
1505	Reconstruction of the human cerebral cortex robust to white matter lesions: method and validation. <b>2014</b> , 35, 3385-401	26

1504	Aberrant parietal cortex developmental trajectories in girls with Turner syndrome and related visual-spatial cognitive development: a preliminary study. <b>2014</b> , 165B, 531-40		21
1503	Reduced corpus-callosum volume in posttraumatic stress disorder highlights the importance of interhemispheric connectivity for associative memory. <b>2014</b> , 27, 18-26		22
1502	Decoding the individual finger movements from single-trial functional magnetic resonance imaging recordings of human brain activity. <b>2014</b> , 39, 2071-82		11
1501	Guiding functional connectivity estimation by structural connectivity in MEG: an application to discrimination of conditions of mild cognitive impairment. <b>2014</b> , 101, 765-77		43
1500	Differential longitudinal changes in cortical thickness, surface area and volume across the adult life span: regions of accelerating and decelerating change. <b>2014</b> , 34, 8488-98		299
1499	Association between structural and functional connectivity in the verb generation network. <b>2014</b> , 4, 221-9		2
1498	Cortical parcellation for neonatal brains. <b>2014</b> ,		2
1497	OPTIMIZING BRAIN CONNECTIVITY NETWORKS FOR DISEASE CLASSIFICATION USING EPIC. <b>2014</b> , 2014, 834-837		7
1496	Neural substrates of verbal memory impairments in adults with type 2 diabetes mellitus. <b>2014</b> , 36, 74-87		31
1495	Accelerating cortical thinning: unique to dementia or universal in aging?. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 919-34	34	187
1494	HIV DNA in CD14+ reservoirs is associated with regional brain atrophy in patients naive to combination antiretroviral therapy. <b>2014</b> , 28, 1619-24		17
1493	Cross-modal plasticity preserves functional specialization in posterior parietal cortex. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 541-9	5.1	22
1492	Human brain imaging of $\alpha$ nAChR with [(18)F]ASEM: a new PET radiotracer for neuropsychiatry and determination of drug occupancy. <b>2014</b> , 16, 730-8		57
1491	Stochastic geometric network models for groups of functional and structural connectomes. <b>2014</b> , 101, 473-84		13
1490	Emerging $\beta$ amyloid pathology and accelerated cortical atrophy. <b>2014</b> , 71, 725-34		43
1489	Atypical age-related cortical thinning in episodic migraine. <b>2014</b> , 34, 1115-24		38
1488	Structural and functional aspects relating to cost and benefit of rich club organization in the human cerebral cortex. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 2258-67	5.1	169
1487	Cortical surface area and cortical thickness demonstrate differential structural asymmetry in auditory-related areas of the human cortex. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 2541-52	5.1	73

1486	Reorganization of retinotopic maps after occipital lobe infarction. <b>2014</b> , 26, 1266-82	19
1485	Neural correlates of amusia in williams syndrome. <b>2014</b> , 4, 594-612	8
1484	Neuroanatomical domain of the foundational model of anatomy ontology. <b>2014</b> , 5, 1	22
1483	Neural antecedents of social decision-making in a partner choice task. <b>2014</b> , 9, 1722-9	5
1482	An open-source automated platform for three-dimensional visualization of subdural electrodes using CT-MRI coregistration. <b>2014</b> , 55, 2028-2037	20
1481	Interactive effects of chronic cigarette smoking and age on brain volumes in controls and alcohol-dependent individuals in early abstinence. <b>2014</b> , 19, 132-43	45
1480	Cortical thinning in patients with late-life minor depression. <b>2014</b> , 22, 459-64	8
1479	APOE interacts with age to modify rate of decline in cognitive and brain changes in Alzheimer's disease. <b>2014</b> , 10, 336-48	27
1478	Hippocampal volume change measurement: quantitative assessment of the reproducibility of expert manual outlining and the automated methods FreeSurfer and FIRST. <b>2014</b> , 92, 169-81	94
1477	Jacobian integration method increases the statistical power to measure gray matter atrophy in multiple sclerosis. <b>2014</b> , 4, 10-7	59
1476	Towards quantitative connectivity analysis: reducing tractography biases. <b>2014</b> , 98, 266-78	178
1475	The first-night effect suppresses the strength of slow-wave activity originating in the visual areas during sleep. <b>2014</b> , 99, 154-61	9
1474	Structural connectivity differences in left and right temporal lobe epilepsy. <b>2014</b> , 100, 135-44	136
1473	Tractography in amyotrophic lateral sclerosis using a novel probabilistic tool: a study with tract-based reconstruction compared to voxel-based approach. <b>2014</b> , 224, 79-87	32
1472	The efficiency of fMRI region of interest analysis methods for detecting group differences. <b>2014</b> , 226, 57-65	12
1471	Evaluation of supervised methods for the classification of major tissues and subcortical structures in multispectral brain magnetic resonance images. <b>2014</b> , 38, 337-47	7
1470	Relations among prospective memory, cognitive abilities, and brain structure in adolescents who vary in prenatal drug exposure. <b>2014</b> , 127, 144-62	11
1469	Application of quantitative DTI metrics in sporadic CJD. <b>2014</b> , 4, 426-35	27

1468	Improving the execution performance of FreeSurfer : a new scheduled pipeline scheme for optimizing the use of CPU and GPU resources. <b>2014</b> , 12, 413-21	8
1467	Influence of age, sex and genetic factors on the human brain. <b>2014</b> , 8, 143-52	60
1466	Fusing DTI and fMRI data: a survey of methods and applications. <b>2014</b> , 102 Pt 1, 184-91	83
1465	Pubertal status associations with reward and threat sensitivities and subcortical brain volumes during adolescence. <b>2014</b> , 89, 15-26	37
1464	Comparing manual and automatic segmentation of hippocampal volumes: reliability and validity issues in younger and older brains. <b>2014</b> , 35, 4236-48	121
1463	Higher BMI is associated with reduced brain volume in heart failure. <b>2014</b> , 1, 4	7
1462	It is unclear if adjusting cortical thickness for changes in gray/white matter intensity ratio improves discrimination between normal aging, MCI, and AD. <b>2014</b> , 8, 133-40	3
1461	Cortical signature of neurological soft signs in recent onset schizophrenia. <b>2014</b> , 27, 296-306	38
1460	Repeatability analysis of global and local metrics of brain structural networks. <b>2014</b> , 4, 203-20	15
1459	Development of temperamental effortful control mediates the relationship between maturation of the prefrontal cortex and psychopathology during adolescence: a 4-year longitudinal study. <b>2014</b> , 9, 30-43	51
1458	Sensitive periods of amygdala development: the role of maltreatment in preadolescence. <b>2014</b> , 97, 236-44	194
1457	Sparse weightings for collapsing inverse solutions to cortical parcellations optimize M/EEG source reconstruction accuracy. <b>2014</b> , 226, 147-160	29
1456	Longitudinal changes in cortical thickness in autism and typical development. <b>2014</b> , 137, 1799-812	239
1455	Genes contributing to subcortical volumes and intellectual ability implicate the thalamus. <b>2014</b> , 35, 2632-42	21
1454	Lexical factors and cerebral regions influencing verbal fluency performance in MCI. <b>2014</b> , 54, 98-111	32
1453	Discerning mild cognitive impairment and Alzheimer Disease from normal aging: morphologic characterization based on univariate and multivariate models. <b>2014</b> , 21, 597-604	7
1452	Reduced cortical and subcortical volumes in female adolescents with borderline personality disorder. <b>2014</b> , 221, 179-86	18
1451	Neural activation during response inhibition differentiates blast from mechanical causes of mild to moderate traumatic brain injury. <b>2014</b> , 31, 169-79	67

1450	Cortical thickness differences between bipolar depression and major depressive disorder. <b>2014</b> , 16, 378-88	51
1449	Graph theory analysis of cortical-subcortical networks in late-life depression. <b>2014</b> , 22, 195-206	67
1448	Unique developmental trajectories of cortical thickness and surface area. <b>2014</b> , 87, 120-6	318
1447	Psychophysics and neuronal bases of sound localization in humans. <b>2014</b> , 307, 86-97	51
1446	Comparison of brain structural variables, neuropsychological factors, and treatment outcome in early-onset versus late-onset late-life depression. <b>2014</b> , 22, 1039-46	22
1445	The structural-functional connectome and the default mode network of the human brain. <b>2014</b> , 102 Pt 1, 142-51	197
1444	Childhood maltreatment: altered network centrality of cingulate, precuneus, temporal pole and insula. <b>2014</b> , 76, 297-305	130
1443	Test-retest reliability of structural brain networks from diffusion MRI. <b>2014</b> , 86, 231-43	102
1442	MNE software for processing MEG and EEG data. <b>2014</b> , 86, 446-60	831
1441	Quantification of changes in language-related brain areas in autism spectrum disorders using large-scale network analysis. <b>2014</b> , 9, 357-65	16
1440	A common cortical metric for spatial, temporal, and social distance. <b>2014</b> , 34, 1979-87	96
1439	Cortical changes associated with depression and antidepressant use in Alzheimer and Lewy body dementia: an MRI surface-based morphometric study. <b>2014</b> , 22, 4-13.e1	29
1438	Reduced integrity of sensorimotor projections traversing the posterior limb of the internal capsule in children with congenital hemiparesis. <b>2014</b> , 35, 250-60	25
1437	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <b>2014</b> , 8, 153-82	539
1436	Spurious group differences due to head motion in a diffusion MRI study. <b>2014</b> , 88, 79-90	360
1435	Developmental changes in the structure of the social brain in late childhood and adolescence. <b>2014</b> , 9, 123-31	234
1434	White matter in the older brain is more plastic than in the younger brain. <b>2014</b> , 5, 5504	34
1433	Polygenic determinants of white matter volume derived from GWAS lack reproducibility in a replicate sample. <b>2014</b> , 4, e362	29

1432	Relationship between trait impulsivity and cortical volume, thickness and surface area in male cocaine users and non-drug using controls. <b>2014</b> , 144, 210-7	26
1431	Fusion of white and gray matter geometry: a framework for investigating brain development. <b>2014</b> , 18, 1349-60	19
1430	Altered gray matter volume and school age anxiety in children born late preterm. <b>2014</b> , 165, 928-35	32
1429	Sex and disease-related alterations of anterior insula functional connectivity in chronic abdominal pain. <b>2014</b> , 34, 14252-9	71
1428	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. <b>2014</b> , 102 Pt 2, 548-57	27
1427	Ventral striatum, but not cortical volume loss, is related to cognitive dysfunction in type 1 diabetic patients with and without microangiopathy. <b>2014</b> , 37, 2483-90	26
1426	Classification algorithms using multiple MRI features in mild traumatic brain injury. <b>2014</b> , 83, 1235-40	24
1425	Neural correlates of personal space intrusion. <b>2014</b> , 34, 4123-34	60
1424	Corticocortical evoked potentials reveal projectors and integrators in human brain networks. <b>2014</b> , 34, 9152-63	74
1423	A genome-wide search for quantitative trait loci affecting the cortical surface area and thickness of Heschl's gyrus. <b>2014</b> , 13, 675-85	26
1422	Aberrant error processing in relation to symptom severity in obsessive-compulsive disorder: A multimodal neuroimaging study. <b>2014</b> , 5, 141-51	32
1421	Localized abnormalities in the cingulum bundle in patients with schizophrenia: a Diffusion Tensor tractography study. <b>2014</b> , 5, 93-9	46
1420	White matter microstructure complements morphometry for predicting verbal memory in epilepsy. <b>2014</b> , 58, 139-50	41
1419	Functional and Structural MRI in Alzheimer's Disease: A Multimodal Approach. <b>2014</b> , 371-422	
1418	Surface-based morphometry of the cortical architecture of autism spectrum disorders: volume, thickness, area, and gyrification. <b>2014</b> , 62, 1-10	60
1417	Simultaneous fMRI-PET of the opioidergic pain system in human brain. <b>2014</b> , 102 Pt 2, 275-82	43
1416	Abnormal changes of multidimensional surface features using multivariate pattern classification in amnesic mild cognitive impairment patients. <b>2014</b> , 34, 10541-53	48
1415	Sex differences in the relationship between white matter connectivity and creativity. <b>2014</b> , 101, 380-9	44

1414	History of cigarette smoking in cognitively-normal elders is associated with elevated cerebrospinal fluid biomarkers of oxidative stress. <b>2014</b> , 142, 262-8	21
1413	The architecture of the chess player's brain. <b>2014</b> , 62, 152-62	40
1412	Simultaneous and consistent labeling of longitudinal dynamic developing cortical surfaces in infants. <b>2014</b> , 18, 1274-89	31
1411	Metric optimization for surface analysis in the Laplace-Beltrami embedding space. <b>2014</b> , 33, 1447-63	26
1410	Role of the sensorimotor cortex in Tourette syndrome using multimodal imaging. <b>2014</b> , 35, 5834-46	51
1409	A multimodal MRI study of the hippocampus in medication-naive children with ADHD: what connects ADHD and depression?. <b>2014</b> , 224, 112-8	45
1408	Reduced thalamic volume in Parkinson disease with REM sleep behavior disorder: volumetric study. <b>2014</b> , 20, 1004-8	41
1407	Adolescent drinking and motivated decision-making: a cotwin-control investigation with monozygotic twins. <b>2014</b> , 44, 407-18	44
1406	Differences in the right inferior longitudinal fasciculus but no general disruption of white matter tracts in children with autism spectrum disorder. <b>2014</b> , 111, 1981-6	84
1405	Differences in age-related effects on brain volume in Down syndrome as compared to Williams syndrome and typical development. <b>2014</b> , 6, 8	25
1404	Thinning of the lateral prefrontal cortex during adolescence predicts emotion regulation in females. <b>2014</b> , 9, 1845-54	51
1403	Evaluation of two automated methods for PET region of interest analysis. <b>2014</b> , 12, 551-62	20
1402	Right insular atrophy in neurocardiogenic syncope: a volumetric MRI study. <b>2014</b> , 35, 113-8	16
1401	Heritable influences on amygdala and orbitofrontal cortex contribute to genetic variation in core dimensions of personality. <b>2014</b> , 103, 309-315	55
1400	Clinical trial of an inhibitor of RAGE- $\alpha$ interactions in Alzheimer disease. <b>2014</b> , 82, 1536-42	131
1399	Positive symptoms and water diffusivity of the prefrontal and temporal cortices in schizophrenia patients: a pilot study. <b>2014</b> , 224, 49-57	11
1398	Brain volume reductions in adolescent heavy drinkers. <b>2014</b> , 9, 117-25	93
1397	A tensor-based morphometry analysis of regional differences in brain volume in relation to prenatal alcohol exposure. <b>2014</b> , 5, 152-60	52

1396	Algorithm to find high density EEG scalp coordinates and analysis of their correspondence to structural and functional regions of the brain. <b>2014</b> , 229, 84-96	51
1395	Intracranial pulsatility is associated with regional brain volume in elderly individuals. <b>2014</b> , 35, 365-72	50
1394	Altered white matter connectivity and network organization in polymicrogyria revealed by individual gyral topology-based analysis. <b>2014</b> , 86, 182-93	28
1393	White matter integrity is associated with cerebrospinal fluid markers of Alzheimer's disease in normal adults. <b>2014</b> , 35, 2263-71	45
1392	Reversible, irreversible and effective transverse relaxation rates in normal aging brain at 3T. <b>2014</b> , 84, 1032-41	60
1391	Cortical and subcortical abnormalities in youths with conduct disorder and elevated callous-unemotional traits. <b>2014</b> , 53, 456-65.e1	87
1390	Folding of the anterior cingulate cortex partially explains inhibitory control during childhood: a longitudinal study. <b>2014</b> , 9, 126-35	37
1389	Brain volumes and cognitive function in very-low-birth-weight (VLBW) young adults. <b>2014</b> , 18, 578-90	51
1388	Cortical surface-based analysis reduces bias and variance in kinetic modeling of brain PET data. <b>2014</b> , 92, 225-36	122
1387	Morphometric hemispheric asymmetry of orbitofrontal cortex in women with borderline personality disorder: a multi-parameter approach. <b>2014</b> , 223, 61-6	17
1386	Effects of cerebrospinal fluid proteins on brain atrophy rates in cognitively healthy older adults. <b>2014</b> , 35, 614-22	36
1385	Lateralized parietotemporal oscillatory phase synchronization during auditory selective attention. <b>2014</b> , 86, 461-9	14
1384	Relationship between prefrontal gray matter volumes and working memory performance in schizophrenia: a family study. <b>2014</b> , 153, 113-21	17
1383	Prefrontal gray matter volume mediates age effects on memory strategies. <b>2014</b> , 90, 326-34	41
1382	Association of brain network efficiency with aging, depression, and cognition. <b>2014</b> , 22, 102-10	29
1381	Cognitive decline is mediated by gray matter changes during middle age. <b>2014</b> , 35, 1086-94	38
1380	Cortical thickness, cortical and subcortical volume, and white matter integrity in patients with their first episode of major depression. <b>2014</b> , 155, 42-8	76
1379	Quantitative comparison of cortical surface reconstructions from MP2RAGE and multi-echo MPRAGE data at 3 and 7 T. <b>2014</b> , 90, 60-73	63



1378	Integration of multimodal MRI data via PCA to explain language performance. <b>2014</b> , 5, 197-207	12
1377	Disrupted modular organization of resting-state cortical functional connectivity in U.S. military personnel following concussive 'mild' blast-related traumatic brain injury. <b>2014</b> , 84, 76-96	83
1376	Framework for the construction of a Monte Carlo simulated brain PET/MR image database. <b>2014</b> , 734, 162-165	2
1375	Localizing the human primary auditory cortex in vivo using structural MRI. <b>2014</b> , 93 Pt 2, 237-51	22
1374	Initial cognitive decline is associated with cortical thinning in early Parkinson disease. <b>2014</b> , 82, 2017-25	122
1373	Briefly cuing memories leads to suppression of their neural representations. <b>2014</b> , 34, 8010-20	21
1372	Effects of prenatal alcohol exposure on the development of white matter volume and change in executive function. <b>2014</b> , 5, 19-27	39
1371	Shape of the basal ganglia in preadolescent children is associated with cognitive performance. <b>2014</b> , 99, 93-102	28
1370	Blood markers of fatty acids and vitamin D, cardiovascular measures, body mass index, and physical activity relate to longitudinal cortical thinning in normal aging. <b>2014</b> , 35, 1055-64	79
1369	Visual object agnosia is associated with a breakdown of object-selective responses in the lateral occipital cortex. <b>2014</b> , 60, 10-20	17
1368	Assessment of the structural brain network reveals altered connectivity in children with unilateral cerebral palsy due to periventricular white matter lesions. <b>2014</b> , 5, 84-92	49
1367	Large-scale evaluation of ANTs and FreeSurfer cortical thickness measurements. <b>2014</b> , 99, 166-79	350
1366	Anatomical and diffusion MRI of deep gray matter in pediatric spina bifida. <b>2014</b> , 5, 120-7	12
1365	Phase based venous suppression in resting-state BOLD GE-fMRI. <b>2014</b> , 100, 51-9	14
1364	Microstructural differences in the thalamus and thalamic radiations in the congenitally deaf. <b>2014</b> , 100, 347-57	19
1363	Disruption of response inhibition circuits in prodromal Huntington disease. <b>2014</b> , 58, 72-85	24
1362	Volumetrics relate to the development of depression after traumatic brain injury. <b>2014</b> , 271, 147-53	15
1361	The impact of hypertension on cerebral perfusion and cortical thickness in older adults. <b>2014</b> , 8, 561-70	49

1360	Widespread reductions in cortical thickness following severe early-life deprivation: a neurodevelopmental pathway to attention-deficit/hyperactivity disorder. <b>2014</b> , 76, 629-38	183
1359	Abnormal cortical thickness in heroin-dependent individuals. <b>2014</b> , 88, 295-307	41
1358	On the planum temporale lateralization in suprasegmental speech perception: evidence from a study investigating behavior, structure, and function. <b>2014</b> , 35, 1779-89	16
1357	A computational study of whole-brain connectivity in resting state and task fMRI. <b>2014</b> , 20, 1024-42	13
1356	Cardiorespiratory fitness mediates the effects of aging on cerebral blood flow. <b>2014</b> , 6, 59	56
1355	Structural brain imaging in children and adolescents following prenatal cocaine exposure: preliminary longitudinal findings. <b>2014</b> , 36, 316-28	15
1354	Cortical thickness and neurocognition in adolescent marijuana and alcohol users following 28 days of monitored abstinence. <b>2014</b> , 75, 729-43	64
1353	Retrograde memory for public events in mild cognitive impairment and its relationship to anterograde memory and neuroanatomy. <b>2014</b> , 28, 959-72	6
1352	Daily Physical Activity Is Associated with Subcortical Brain Volume and Cognition in Heart Failure. <b>2015</b> , 21, 851-60	16
1351	Alzheimer Disease Cerebrospinal Fluid Biomarkers Moderate Baseline Differences and Predict Longitudinal Change in Attentional Control and Episodic Memory Composites in the Adult Children Study. <b>2015</b> , 21, 573-83	23
1350	Anatomical and Functional Findings in Female-to-Male Transsexuals: Testing a New Hypothesis. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 998-1010	5.1 42
1349	Distinguishing bipolar and major depressive disorders by brain structural morphometry: a pilot study. <b>2015</b> , 15, 298	57
1348	Contribution of genes and unique environment to cross-sectional and longitudinal measures of subcortical volumes in bipolar disorder. <b>2015</b> , 25, 2197-209	11
1347	Dissociated multimodal hubs and seizures in temporal lobe epilepsy. <b>2015</b> , 2, 338-52	19
1346	Identifying neuroanatomical signatures of anorexia nervosa: a multivariate machine learning approach. <b>2015</b> , 45, 2805-12	27
1345	Clinical Dementia Rating Scale Detects White Matter Changes in Older Adults at Risk for Alzheimer's Disease. <b>2016</b> , 50, 411-23	4
1344	Automated and nonbiased regional quantification of functional neuroimaging data. <b>2015</b> , 42, 892-9	
1343	Community Socioeconomic Disadvantage in Midlife Relates to Cortical Morphology via Neuroendocrine and Cardiometabolic Pathways. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 460-473	5.1 40

1342	Connectivity-based parcellation: Critique and implications. <b>2015</b> , 36, 4771-92	189
1341	Photoperiod is associated with hippocampal volume in a large community sample. <b>2015</b> , 25, 534-43	12
1340	A magnetic resonance imaging family study of cortical thickness in schizophrenia. <b>2015</b> , 168, 660-8	5
1339	A systematic examination of brain volumetric abnormalities in recent-onset schizophrenia using voxel-based, surface-based and region-of-interest-based morphometric analyses. <b>2015</b> , 14, 11	6
1338	Regional brain volume differences between males with and without autism spectrum disorder are highly age-dependent. <b>2015</b> , 6, 29	41
1337	Insistence on sameness relates to increased covariance of gray matter structure in autism spectrum disorder. <b>2015</b> , 6, 54	18
1336	ZNF804A rs1344706 is associated with cortical thickness, surface area, and cortical volume of the unmedicated first episode schizophrenia and healthy controls. <b>2015</b> , 168B, 265-73	19
1335	The neuronal component of gray matter damage in multiple sclerosis: A [(11) C]flumazenil positron emission tomography study. <b>2015</b> , 78, 554-67	27
1334	A data-centric neuroscience gateway: design, implementation, and experiences. <b>2015</b> , 27, 489-506	17
1333	Differential lateralization of hippocampal connectivity reflects features of recent context and ongoing demands: an examination of immediate post-task activity. <b>2015</b> , 36, 519-37	6
1332	Rich club analysis in the Alzheimer's disease connectome reveals a relatively undisturbed structural core network. <b>2015</b> , 36, 3087-103	88
1331	Cognition and brain development in children with benign epilepsy with centrotemporal spikes. <b>2015</b> , 56, 1615-22	61
1330	Segmentation of the thalamus based on BOLD frequencies affected in temporal lobe epilepsy. <b>2015</b> , 56, 1819-27	16
1329	Aberrant topological patterns of brain structural network in temporal lobe epilepsy. <b>2015</b> , 56, 1992-2002	39
1328	Reduced structural connectivity within a prefrontal-motor-subcortical network in amyotrophic lateral sclerosis. <b>2015</b> , 41, 1342-52	26
1327	5-HT1B receptor imaging and cognition: a positron emission tomography study in control subjects and Parkinson's disease patients. <b>2015</b> , 69, 365-74	16
1326	Reflections on science gateways sustainability through the business model canvas: case study of a neuroscience gateway. <b>2015</b> , 27, 4269-4281	1
1325	Individual peak gamma frequency predicts switch rate in perceptual rivalry. <b>2015</b> , 36, 566-76	14

1324	Cerebellar gray and white matter volume and their relation with age and manual motor performance in healthy older adults. <b>2015</b> , 36, 2352-63	34
1323	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. <b>2015</b> , 36, 3516-27	31
1322	Linking contemporary high resolution magnetic resonance imaging to the von Economo legacy: A study on the comparison of MRI cortical thickness and histological measurements of cortical structure. <b>2015</b> , 36, 3038-46	39
1321	A network of amygdala connections predict individual differences in trait anxiety. <b>2015</b> , 36, 4819-30	44
1320	Structural and functional correlates of behavioral pattern separation in the hippocampus and medial temporal lobe. <b>2015</b> , 25, 524-33	48
1319	Investigation of the cingulate cortex in idiopathic generalized epilepsy. <b>2015</b> , 56, 1803-11	15
1318	Gray Matter Alterations in Young Children with Autism Spectrum Disorders: Comparing Morphometry at the Voxel and Regional Level. <b>2015</b> , 25, 866-74	36
1317	The effects of anatomic variations on stereotactic laser amygdalohippocampectomy and a proposed protocol for trajectory planning. <b>2015</b> , 11 Suppl 2, 345-56; discussion 356-7	23
1316	Brain Imaging and Neurodevelopment in HIV-uninfected Thai Children Born to HIV-infected Mothers. <b>2015</b> , 34, e211-6	18
1315	Amyloid burden in cognitively normal elderly is associated with preferential hippocampal subfield volume loss. <b>2015</b> , 45, 27-33	33
1314	Comparison of Regional Brain Perfusion Levels in Chronically Smoking and Non-Smoking Adults. <b>2015</b> , 12, 8198-213	34
1313	Preliminary Evidence of Increased Hippocampal Myelin Content in Veterans with Posttraumatic Stress Disorder. <b>2015</b> , 9, 333	23
1312	Tracking cortical entrainment in neural activity: auditory processes in human temporal cortex. <b>2015</b> , 9, 5	15
1311	Functional and structural correlates of memory in patients with mesial temporal lobe epilepsy. <b>2015</b> , 6, 103	11
1310	Differential effects of socioeconomic status on working and procedural memory systems. <b>2015</b> , 9, 554	35
1309	Ontology-based approach for in vivo human connectomics: the medial Brodmann area 6 case study. <b>2015</b> , 9, 9	2
1308	Morphological alterations in the caudate, putamen, pallidum, and thalamus in Parkinson's disease. <b>2015</b> , 9, 101	38
1307	A comparison of FreeSurfer-generated data with and without manual intervention. <b>2015</b> , 9, 379	76

1306	A longitudinal study: changes in cortical thickness and surface area during pubertal maturation. <b>2015</b> , 10, e0119774	82
1305	Structural connectivity of the developing human amygdala. <b>2015</b> , 10, e0125170	26
1304	Fully automated whole-head segmentation with improved smoothness and continuity, with theory reviewed. <b>2015</b> , 10, e0125477	30
1303	Cortical Thickness in Dementia with Lewy Bodies and Alzheimer's Disease: A Comparison of Prodromal and Dementia Stages. <b>2015</b> , 10, e0127396	55
1302	Regional Brain Glucose Hypometabolism in Young Women with Polycystic Ovary Syndrome: Possible Link to Mild Insulin Resistance. <b>2015</b> , 10, e0144116	21
1301	Predicting Surgery Targets in Temporal Lobe Epilepsy through Structural Connectome Based Simulations. <b>2015</b> , 11, e1004642	53
1300	Loss of resting-state posterior cingulate flexibility is associated with memory disturbance in left temporal lobe epilepsy. <b>2015</b> , 10, e0131209	18
1299	The role of aerobic fitness in cortical thickness and mathematics achievement in preadolescent children. <b>2015</b> , 10, e0134115	50
1298	White Matter Changes Associated with Resting Sympathetic Tone in Frontotemporal Dementia vs. Alzheimer's Disease. <b>2015</b> , 10, e0142445	3
1297	Semantic Wavelet-Induced Frequency-Tagging (SWIFT) Periodically Activates Category Selective Areas While Steadily Activating Early Visual Areas. <b>2015</b> , 10, e0144858	10
1296	Quantity yields quality when it comes to creativity: a brain and behavioral test of the equal-odds rule. <b>2015</b> , 6, 864	27
1295	Temporal lobe cortical thickness correlations differentiate the migraine brain from the healthy brain. <b>2015</b> , 10, e0116687	31
1294	Self-Trained Supervised Segmentation of Subcortical Brain Structures Using Multispectral Magnetic Resonance Images. <b>2015</b> , 2015, 764383	3
1293	Precuneus and Cingulate Cortex Atrophy and Hypometabolism in Patients with Alzheimer's Disease and Mild Cognitive Impairment: MRI and (18)F-FDG PET Quantitative Analysis Using FreeSurfer. <b>2015</b> , 2015, 583931	69
1292	Communication of brain network core connections altered in behavioral variant frontotemporal dementia but possibly preserved in early-onset Alzheimer's disease. <b>2015</b> , 9413,	6
1291	Brain amyloid-burden is associated with disruption of intrinsic functional connectivity within the medial temporal lobe in cognitively normal elderly. <b>2015</b> , 35, 3240-7	41
1290	A kernel machine method for detecting effects of interaction between multidimensional variable sets: an imaging genetics application. <b>2015</b> , 109, 505-514	18
1289	Anterior cingulate cortex mediates the relationship between O3PUFAs and executive functions in APOE e4 carriers. <b>2015</b> , 7, 87	21

1288	Development and validation of a brain maturation index using longitudinal neuroanatomical scans. <b>2015</b> , 117, 311-8			25
1287	The right insula contributes to memory awareness in cognitively diverse older adults. <b>2015</b> , 75, 163-9			57
1286	Local brain gyrification as a marker of neurological soft signs in schizophrenia. <b>2015</b> , 292, 19-25			30
1285	Gray matter atrophy in narcolepsy: An activation likelihood estimation meta-analysis. <b>2015</b> , 59, 53-63			17
1284	The Corticospinal Tract in Huntington's Disease. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 2670-82	5.1		26
1283	Amygdala subnuclei connectivity in response to violence reveals unique influences of individual differences in psychopathic traits in a nonforensic sample. <b>2015</b> , 36, 1417-28			46
1282	Tract-based analysis of white matter degeneration in Alzheimer's disease. <b>2015</b> , 301, 79-89			47
1281	Prodromal Symptom Severity Predicts Accelerated Gray Matter Reduction and Third Ventricle Expansion Among Clinically High Risk Youth Developing Psychotic Disorders. <b>2015</b> , 1, 13-22			22
1280	Neuroanatomical correlates of the income-achievement gap. <b>2015</b> , 26, 925-33			105
1279	Fast and intuitive segmentation of gyri of the human brain. <b>2015</b> ,			
1278	Model-driven parameterization of fetal cortical surfaces. <b>2015</b> ,			3
1277	Structural changes of the brain in relation to occupational stress. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 1554-64	5.1		52
1276	Maturation of Cortico-Subcortical Structural Networks-Segregation and Overlap of Medial Temporal and Fronto-Striatal Systems in Development. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 1835-41	5.1		25
1275	Functionally distinct amygdala subregions identified using DTI and high-resolution fMRI. <b>2015</b> , 10, 1615-22			21
1274	Very Early Brain Damage Leads to Remodeling of the Working Memory System in Adulthood: A Combined fMRI/Tractography Study. <b>2015</b> , 35, 15787-99			30
1273	The Chinese Verbal Learning Test specifically assesses hippocampal state. <b>2015</b> , 30, 412-6			3
1272	Architectonic Mapping of the Human Brain beyond Brodmann. <b>2015</b> , 88, 1086-1107			223
1271	Evidence for disrupted gray matter structural connectivity in posttraumatic stress disorder. <b>2015</b> , 234, 194-201			35

1270	The Rotterdam Scan Study: design update 2016 and main findings. <b>2015</b> , 30, 1299-315	131
1269	A Neuroimaging Strategy for the Three-Dimensional in vivo Anatomical Visualization and Characterization of Insular Gyri. <b>2015</b> , 93, 255-64	10
1268	Post-traumatic stress and age variation in amygdala volumes among youth exposed to trauma. <b>2015</b> , 10, 1661-7	26
1267	A Graph Based Classification Method for Multiple Sclerosis Clinical Forms Using Support Vector Machine. <b>2015</b> , 57-64	5
1266	Automatic parcellation of longitudinal cortical surfaces. <b>2015</b> ,	
1265	Hippocampal Subfield Atrophy in Multi-Domain but Not Amnesic Mild Cognitive Impairment. <b>2015</b> , 40, 44-53	4
1264	Brain size, sex, and the aging brain. <b>2015</b> , 36, 150-69	143
1263	Independent information from cerebrospinal fluid amyloid- $\beta$ and florbetapir imaging in Alzheimer's disease. <b>2015</b> , 138, 772-83	169
1262	Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. <b>2015</b> , 110, 171-8	17
1261	Aging and large-scale functional networks: white matter integrity, gray matter volume, and functional connectivity in the resting state. <b>2015</b> , 290, 369-78	69
1260	Hemodynamic and EEG Time-Courses During Unilateral Hand Movement in Patients with Cortical Myoclonus. An EEG-fMRI and EEG-TD-fNIRS Study. <b>2015</b> , 28, 915-25	20
1259	Distinct frontal lobe morphology in girls and boys with ADHD. <b>2015</b> , 7, 222-9	51
1258	Greater cortical thinning in normal older adults predicts later cognitive impairment. <b>2015</b> , 36, 903-8	53
1257	Reliability and statistical power analysis of cortical and subcortical FreeSurfer metrics in a large sample of healthy elderly. <b>2015</b> , 108, 95-109	67
1256	Neural Correlates of Aggression in Medication-Naive Children with ADHD: Multivariate Analysis of Morphometry and Tractography. <b>2015</b> , 40, 1717-25	52
1255	A purely confirmatory replication study of structural brain-behavior correlations. <b>2015</b> , 66, 115-33	103
1254	A case report comparing clinical, imaging and neuropsychological assessment findings in twins discordant for the VCP p.R155C mutation. <b>2015</b> , 25, 177-83	5
1253	Volumetric alterations in the heteromodal association cortex in children with autism spectrum disorder. <b>2015</b> , 30, 214-20	6

1252	Unified voxel- and tensor-based morphometry (UVTBM) using registration confidence. <b>2015</b> , 36 Suppl 1, S60-8	6
1251	Seemingly unrelated regression empowers detection of network failure in dementia. <b>2015</b> , 36 Suppl 1, S103-12	10
1250	Connectivity in the human brain dissociates entropy and complexity of auditory inputs. <b>2015</b> , 108, 292-300	9
1249	Predicting functional connectivity from structural connectivity via computational models using MRI: an extensive comparison study. <b>2015</b> , 111, 65-75	60
1248	Brain structure and function as mediators of the effects of amyloid on memory. <b>2015</b> , 84, 1136-44	33
1247	Comparing cerebrovascular reactivity measured using BOLD and cerebral blood flow MRI: The effect of basal vascular tension on vasodilatory and vasoconstrictive reactivity. <b>2015</b> , 110, 110-23	56
1246	Fetal exposure to maternal depressive symptoms is associated with cortical thickness in late childhood. <b>2015</b> , 77, 324-34	141
1245	Reduced cortical surface area in adolescents with conduct disorder. <b>2015</b> , 24, 909-17	16
1244	Neural Mechanisms of Emotion Regulation in Autism Spectrum Disorder. <b>2015</b> , 45, 3409-23	52
1243	Neurobiological correlates of depressive symptoms in people with subjective and mild cognitive impairment. <b>2015</b> , 131, 139-47	18
1242	Evidence from structural and diffusion tensor imaging for frontotemporal deficits in psychometric schizotypy. <b>2015</b> , 41, 104-14	39
1241	Attention drives synchronization of alpha and beta rhythms between right inferior frontal and primary sensory neocortex. <b>2015</b> , 35, 2074-82	55
1240	Association between brain volumes and HAND in cART-naïve HIV+ individuals from Thailand. <b>2015</b> , 21, 105-12	17
1239	Clinical prediction from structural brain MRI scans: a large-scale empirical study. <b>2015</b> , 13, 31-46	102
1238	Mapping ventricular expansion onto cortical gray matter in older adults. <b>2015</b> , 36 Suppl 1, S32-41	26
1237	Diffusion weighted imaging-based maximum density path analysis and classification of Alzheimer's disease. <b>2015</b> , 36 Suppl 1, S132-40	48
1236	Cortical thinning in type 2 diabetes mellitus and recovering effects of insulin therapy. <b>2015</b> , 22, 275-9	18
1235	Edge density imaging: mapping the anatomic embedding of the structural connectome within the white matter of the human brain. <b>2015</b> , 109, 402-17	25



1234	Manifold learning on brain functional networks in aging. <b>2015</b> , 20, 52-60	37
1233	MRI with and without a high-density EEG cap--what makes the difference?. <b>2015</b> , 106, 189-97	17
1232	The effect of lifelong bilingualism on regional grey and white matter volume. <b>2015</b> , 1612, 128-39	97
1231	Intrahemispheric cortico-cortical connections of the human auditory cortex. <b>2015</b> , 220, 3537-53	17
1230	Évaluation de la faisabilité de l'analyse quantitative combinée de la TEP 18F-FDG et de l'IRM dans la maladie d'Alzheimer avec FreeSurfer. Exemple de l'hippocampe. <b>2015</b> , 39, 98-104	
1229	Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. <b>2015</b> , 111, 147-58	157
1228	Phase and amplitude correlations in resting-state activity in human stereotactical EEG recordings. <b>2015</b> , 112, 114-127	55
1227	Genetic associations with brain cortical thickness in multiple sclerosis. <b>2015</b> , 14, 217-27	25
1226	Genetic and environmental contributions to the relationships between brain structure and average lifetime cigarette use. <b>2015</b> , 45, 157-70	16
1225	Brain connectivity in late-life depression and aging revealed by network analysis. <b>2015</b> , 23, 642-50	16
1224	Changes in CSF cholinergic biomarkers in response to cell therapy with NGF in patients with Alzheimer's disease. <b>2015</b> , 11, 1316-28	41
1223	Network topology and functional connectivity disturbances precede the onset of Huntington's disease. <b>2015</b> , 138, 2332-46	75
1222	Cognitive activity relates to cognitive performance but not to Alzheimer disease biomarkers. <b>2015</b> , 85, 48-55	28
1221	Specific effect of the fragile-X mental retardation-1 gene (FMR1) on white matter microstructure. <b>2015</b> , 207, 143-8	13
1220	Estimating individual contribution from group-based structural correlation networks. <b>2015</b> , 120, 274-84	28
1219	Cortical and subcortical contributions to sequence retrieval: Schematic coding of temporal context in the neocortical recollection network. <b>2015</b> , 121, 78-90	46
1218	Anterior cingulate cortex surface area relates to behavioral inhibition in adolescents with and without heavy prenatal alcohol exposure. <b>2015</b> , 292, 26-35	25
1217	The effect of TOMM40 on spatial navigation in amnesic mild cognitive impairment. <b>2015</b> , 36, 2024-33	25

1216	Multi-contrast multi-scale surface registration for improved alignment of cortical areas. <b>2015</b> , 111, 107-22	54
1215	Altered white matter in early visual pathways of humans with amblyopia. <b>2015</b> , 114, 48-55	35
1214	Divergent effects of first-generation and second-generation antipsychotics on cortical thickness in first-episode psychosis. <b>2015</b> , 45, 515-27	42
1213	White matter signal abnormality quality differentiates mild cognitive impairment that converts to Alzheimer's disease from nonconverters. <b>2015</b> , 36, 2447-57	34
1212	The Genetic Association Between Neocortical Volume and General Cognitive Ability Is Driven by Global Surface Area Rather Than Thickness. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 2127-37	5.1 61
1211	Reduced intrasubject variability with reinforcement in boys, but not girls, with ADHD: Associations with prefrontal anatomy. <b>2015</b> , 110, 12-23	8
1210	Effects of language experience and stimulus context on the neural organization and categorical perception of speech. <b>2015</b> , 120, 191-200	42
1209	Cognitive Flexibility through Metastable Neural Dynamics Is Disrupted by Damage to the Structural Connectome. <b>2015</b> , 35, 9050-63	76
1208	Preliminary observations on MRI correlates of driving independence and performance in persons with heart failure. <b>2015</b> , 125, 424-32	2
1207	Real-Time Strategy Video Game Experience and Visual Perceptual Learning. <b>2015</b> , 35, 10485-92	31
1206	Phonological processing in speech perception: What do sonority differences tell us?. <b>2015</b> , 149, 77-83	5
1205	Cognitive correlates of white matter lesion load and brain atrophy: the Northern Manhattan Study. <b>2015</b> , 85, 441-9	61
1204	Do children with congenital hypothyroidism exhibit abnormal cortical morphology?. <b>2015</b> , 78, 286-97	22
1203	Alterations in brain grey matter structures in patients with crohn's disease and their correlation with psychological distress. <b>2015</b> , 9, 532-40	46
1202	Automatic Labeling of the Human Cerebral Cortex. <b>2015</b> , 357-363	
1201	Tissue Classification. <b>2015</b> , 373-381	
1200	The influence of construction methodology on structural brain network measures: A review. <b>2015</b> , 253, 170-82	55
1199	Novel Neuroimaging Methods to Understand How HIV Affects the Brain. <b>2015</b> , 12, 289-98	22

1198	Integrating Neuropsychology and Brain Imaging for a Referral of Possible Pseudodementia: A Case Report. <b>2015</b> , 29, 272-92	5
1197	Indirect association of DAT1 genotype with executive function through white matter volume in orbitofrontal cortex. <b>2015</b> , 232, 76-83	4
1196	The impact of genome wide supported microRNA-137 (MIR137) risk variants on frontal and striatal white matter integrity, neurocognitive functioning, and negative symptoms in schizophrenia. <b>2015</b> , 168B, 317-26	36
1195	Structural connectivity of neural reward networks in youth at risk for substance use disorders. <b>2015</b> , 232, 2217-26	10
1194	Are Autistic Traits in the General Population Related to Global and Regional Brain Differences?. <b>2015</b> , 45, 2779-91	9
1193	Structural asymmetry of the insula is linked to the lateralization of gesture and language. <b>2015</b> , 41, 1438-47	33
1192	Mapping brain volumetric abnormalities in never-treated pathological gamblers. <b>2015</b> , 232, 208-13	17
1191	Cortical thickness in adolescent marijuana and alcohol users: A three-year prospective study from adolescence to young adulthood. <b>2015</b> , 16, 101-109	70
1190	The synergistic effects of anxiety and cerebral hypoperfusion on cognitive dysfunction in older adults with cardiovascular disease. <b>2015</b> , 28, 57-66	6
1189	Structural abnormalities in benign childhood epilepsy with centrotemporal spikes (BCECTS). <b>2015</b> , 27, 40-6	31
1188	Multimodal neuroimaging based classification of autism spectrum disorder using anatomical, neurochemical, and white matter correlates. <b>2015</b> , 66, 46-59	79
1187	Lack of an association of BDNF Val66Met polymorphism and plasma BDNF with hippocampal volume and memory. <b>2015</b> , 15, 625-43	34
1186	Diagnostic classification of intrinsic functional connectivity highlights somatosensory, default mode, and visual regions in autism. <b>2015</b> , 8, 238-45	105
1185	Visual-motor deficits relate to altered gray and white matter in young adults born preterm with very low birth weight. <b>2015</b> , 109, 493-504	41
1184	Rich Club Organization and Cognitive Performance in Healthy Older Participants. <b>2015</b> , 27, 1801-10	41
1183	The Effect of Central Nervous System Penetration Effectiveness of Highly Active Antiretroviral Therapy on Neuropsychological Performance and Neuroimaging in HIV Infected Individuals. <b>2015</b> , 10, 487-92	22
1182	Aberrant cerebral network topology and mild cognitive impairment in early Parkinson's disease. <b>2015</b> , 36, 2980-95	67
1181	Effects of HIV and combination antiretroviral therapy on cortico-striatal functional connectivity. <b>2015</b> , 29, 703-12	55

1180	Mechanisms underlying encoding of short-lived versus durable episodic memories. <b>2015</b> , 35, 5202-12	32
1179	Lexical mediation of phonotactic frequency effects on spoken word recognition: A Granger causality analysis of MRI-constrained MEG/EEG data. <b>2015</b> , 82, 41-55	14
1178	The transitional association between Amyloid pathology and regional brain atrophy. <b>2015</b> , 11, 1171-9	29
1177	Sensitivity to timing and order in human visual cortex. <b>2015</b> , 113, 1656-69	4
1176	Task-evoked fMRI changes in attention networks are associated with preclinical Alzheimer's disease biomarkers. <b>2015</b> , 36, 1771-9	30
1175	Variation in CACNA1C is Associated with Amygdala Structure and Function in Adolescents. <b>2015</b> , 25, 701-10	7
1174	Neural Differentiation Tracks Improved Recall of Competing Memories Following Interleaved Study and Retrieval Practice. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 3994-4008	5.1 62
1173	MitiiABI: study protocol of a randomised controlled trial of a web-based multi-modal training program for children and adolescents with an Acquired Brain Injury (ABI). <b>2015</b> , 15, 140	20
1172	Structural connectivity changes in temporal lobe epilepsy: Spatial features contribute more than topological measures. <b>2015</b> , 8, 322-8	34
1171	Brain atrophy and physical disability in primary progressive multiple sclerosis: A volumetric study. <b>2015</b> , 28, 354-8	10
1170	Manic episodes are related to changes in frontal cortex: a longitudinal neuroimaging study of bipolar disorder 1. <b>2015</b> , 138, 3440-8	74
1169	Structural MRI substrates of cognitive impairment in neuromyelitis optica. <b>2015</b> , 85, 1491-9	47
1168	Cortical Thickness in Young Treatment-Naive Children With ADHD. <b>2015</b> , 19, 925-30	17
1167	Bridging Cytoarchitectonics and Connectomics in Human Cerebral Cortex. <b>2015</b> , 35, 13943-8	90
1166	Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. <b>2015</b> , 18, 1664-71	1310
1165	AUTOMATIC PARCELLATION OF CORTICAL SURFACES USING RANDOM FORESTS. <b>2015</b> , 2015, 810-813	3
1164	Cerebellar white matter changes in patients with newly diagnosed partial epilepsy of unknown etiology. <b>2015</b> , 138, 25-30	13
1163	Breadth and age-dependency of relations between cortical thickness and cognition. <b>2015</b> , 36, 3020-3028	27

1162	Neuroinformatics Software Applications Supporting Electronic Data Capture, Management, and Sharing for the Neuroimaging Community. <b>2015</b> , 25, 356-68	20
1161	Shared Predisposition in the Association Between Cannabis Use and Subcortical Brain Structure. <b>2015</b> , 72, 994-1001	51
1160	Increased prefrontal and parietal cortical thickness does not correlate with anhedonia in patients with untreated first-episode major depressive disorders. <b>2015</b> , 234, 144-51	20
1159	Neuropsychiatric effects of neurodegeneration of the medial versus lateral ventral prefrontal cortex in humans. <b>2015</b> , 73, 1-9	20
1158	Cerebrospinal fluid neurogranin: relation to cognition and neurodegeneration in Alzheimer's disease. <b>2015</b> , 138, 3373-85	165
1157	Structural correlates of spoken language abilities: A surface-based region-of interest morphometry study. <b>2015</b> , 149, 46-54	7
1156	Sex beyond the genitalia: The human brain mosaic. <b>2015</b> , 112, 15468-73	335
1155	Seizure outcomes in relation to the extent of resection of the perifocal fluorodeoxyglucose and flumazenil PET abnormalities in anteromedial temporal lobectomy. <b>2015</b> , 157, 1905-16	9
1154	Adolescent drinking and brain morphometry: A co-twin control analysis. <b>2015</b> , 16, 130-138	46
1153	The impact of occipital lobe cortical thickness on cognitive task performance: An investigation in Huntington's Disease. <b>2015</b> , 79, 138-46	42
1152	Cortical morphometry and IQ in VLBW children without cerebral palsy born in 2003-2007. <b>2015</b> , 8, 193-201	26
1151	Postshunt lateral ventricular volume, white matter integrity, and intellectual outcomes in spina bifida and hydrocephalus. <b>2015</b> , 15, 410-9	14
1150	Brain connectivity and novel network measures for Alzheimer's disease classification. <b>2015</b> , 36 Suppl 1, S121-31	68
1149	Regional white matter variation associated with domain-specific metacognitive accuracy. <b>2015</b> , 27, 440-52	25
1148	Longitudinal volumetric brain changes in autism spectrum disorder ages 6-35 years. <b>2015</b> , 8, 82-93	124
1147	Progressive reduction in cortical thickness as psychosis develops: a multisite longitudinal neuroimaging study of youth at elevated clinical risk. <b>2015</b> , 77, 147-57	384
1146	Variables associated with hippocampal atrophy rate in normal aging and mild cognitive impairment. <b>2015</b> , 36, 273-82	26
1145	Discovering schizophrenia endophenotypes in randomly ascertained pedigrees. <b>2015</b> , 77, 75-83	25

1144	Reduction in the retinotopic early visual cortex with normal aging and magnitude of perceptual learning. <b>2015</b> , 36, 315-22		12
1143	Child neuroanatomical, neurocognitive, and visual acuity outcomes with maternal opioid and polysubstance detoxification. <b>2015</b> , 52, 326-32.e1-3		25
1142	Changes in the integrity of thalamocortical connections are associated with sensorimotor deficits in children with congenital hemiplegia. <b>2015</b> , 220, 307-18		30
1141	If it bleeds, it leads: separating threat from mere negativity. <b>2015</b> , 10, 28-35		28
1140	The neurobiology of speech perception decline in aging. <b>2015</b> , 220, 979-97		30
1139	RDLPFC area of the brain encodes sentence polarity: a study using fMRI. <b>2015</b> , 9, 178-89		13
1138	Individual differences in regional prefrontal gray matter morphometry and fractional anisotropy are associated with different constructs of executive function. <b>2015</b> , 220, 1291-306		50
1137	Preferential detachment during human brain development: age- and sex-specific structural connectivity in diffusion tensor imaging (DTI) data. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 1477-89	5.1	82
1136	Connectivity network measures predict volumetric atrophy in mild cognitive impairment. <b>2015</b> , 36 Suppl 1, S113-20		24
1135	Task-dependent modulation of regions in the left temporal cortex during auditory sentence comprehension. <b>2015</b> , 584, 351-5		4
1134	Memory function and hippocampal volumes in preterm born very-low-birth-weight (VLBW) young adults. <b>2015</b> , 105, 76-83		41
1133	Cerebral cortex involvement in Machado-Joseph disease. <b>2015</b> , 22, 277-83, e23-4		32
1132	Global cortical thinning in acute anorexia nervosa normalizes following long-term weight restoration. <b>2015</b> , 77, 624-32		111
1131	Relating structural and functional connectivity in MRI: a simple model for a complex brain. <b>2015</b> , 34, 27-37		14
1130	Assessment of regional gray matter loss in dementia with Lewy bodies: a surface-based MRI analysis. <b>2015</b> , 23, 38-46		24
1129	Insulin resistance predicts brain amyloid deposition in late middle-aged adults. <b>2015</b> , 11, 504-510.e1		147
1128	Organizing Principles of Human Cortical Development--Thickness and Area from 4 to 30 Years: Insights from Comparative Primate Neuroanatomy. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 257-267	5.1	105
1127	Imaging Brain Networks for Language: Methodology and Examples from the Neurobiology of Reading. <b>2016</b> , 805-814		4

1126	Cortical thickness, volume and surface area in patients with bipolar disorder types I and II. <b>2016</b> , 41, 240-50	72
1125	Centered Kernel Alignment Enhancing Neural Network Pretraining for MRI-Based Dementia Diagnosis. <b>2016</b> , 2016, 9523849	12
1124	Disembodied Mind: Cortical Changes Following Brainstem Injury in Patients with Locked-in Syndrome. <b>2016</b> , 10, 32-40	5
1123	Semantic Parsing of Brain MR Images. <b>2016</b> , 307-335	2
1122	Predicting episodic memory performance using different biomarkers: results from Argentina-Alzheimer's Disease Neuroimaging Initiative. <b>2016</b> , 12, 2199-2206	7
1121	Genetics, Brain, and Personality. <b>2016</b> , 71-90	0
1120	Does Congenital Deafness Affect the Structural and Functional Architecture of Primary Visual Cortex?. <b>2016</b> , 10, 1-19	11
1119	Topological Properties of Large-Scale Cortical Networks Based on Multiple Morphological Features in Amnesic Mild Cognitive Impairment. <b>2016</b> , 2016, 3462309	6
1118	The Right Hemisphere Planum Temporale Supports Enhanced Visual Motion Detection Ability in Deaf People: Evidence from Cortical Thickness. <b>2016</b> , 2016, 7217630	31
1117	PWC-ICA: A Method for Stationary Ordered Blind Source Separation with Application to EEG. <b>2016</b> , 2016, 9754813	6
1116	Preliminary Findings Show Maternal Hypothyroidism May Contribute to Abnormal Cortical Morphology in Offspring. <b>2016</b> , 7, 16	25
1115	Age Differences in Prefrontal Surface Area and Thickness in Middle Aged to Older Adults. <b>2015</b> , 7, 250	27
1114	Magnetic Resonance Imaging to Detect Early Molecular and Cellular Changes in Alzheimer's Disease. <b>2016</b> , 8, 139	23
1113	Distinct Aging Effects on Functional Networks in Good and Poor Cognitive Performers. <b>2016</b> , 8, 215	12
1112	Inferior Prefrontal Cortex Mediates the Relationship between Phosphatidylcholine and Executive Functions in Healthy, Older Adults. <b>2016</b> , 8, 226	7
1111	Neurochemical and Neuroanatomical Plasticity Following Memory Training and Yoga Interventions in Older Adults with Mild Cognitive Impairment. <b>2016</b> , 8, 277	32
1110	Parahippocampal Cortex Mediates the Relationship between Lutein and Crystallized Intelligence in Healthy, Older Adults. <b>2016</b> , 8, 297	20
1109	Structural Magnetic Resonance Imaging Can Identify Trigeminal System Abnormalities in Classical Trigeminal Neuralgia. <b>2016</b> , 10, 95	46

1108	Surface-Based Morphometry of Cortical Thickness and Surface Area Associated with Heschl's Gyri Duplications in 430 Healthy Volunteers. <b>2016</b> , 10, 69	20
1107	Connectomic and Surface-Based Morphometric Correlates of Acute Mild Traumatic Brain Injury. <b>2016</b> , 10, 127	22
1106	Amygdala Regulation Following fMRI-Neurofeedback without Instructed Strategies. <b>2016</b> , 10, 183	31
1105	Aerobic Fitness Linked to Cortical Brain Development in Adolescent Males: Preliminary Findings Suggest a Possible Role of BDNF Genotype. <b>2016</b> , 10, 327	18
1104	Subcortical Volumes Differ in Parkinson's Disease Motor Subtypes: New Insights into the Pathophysiology of Disparate Symptoms. <b>2016</b> , 10, 356	26
1103	Structural Imaging Changes and Behavioral Correlates in Patients with Crohn's Disease in Remission. <b>2016</b> , 10, 460	17
1102	A Parcellation Based Nonparametric Algorithm for Independent Component Analysis with Application to fMRI Data. <b>2016</b> , 10, 15	1
1101	Mixed Effects Models for Resampled Network Statistics Improves Statistical Power to Find Differences in Multi-Subject Functional Connectivity. <b>2016</b> , 10, 108	12
1100	Representation of Instantaneous and Short-Term Loudness in the Human Cortex. <b>2016</b> , 10, 183	17
1099	One-Class Support Vector Machines Identify the Language and Default Mode Regions As Common Patterns of Structural Alterations in Young Children with Autism Spectrum Disorders. <b>2016</b> , 10, 306	16
1098	Cortical surface parcellation via dMRI using mutual nearest neighbor condition. <b>2016</b> ,	3
1097	Differential Activation Patterns in the Same Brain Region Led to Opposite Emotional States. <b>2016</b> , 14, e1002546	36
1096	Surface-Based Analyses of Anatomical Properties of the Visual Cortex in Macular Degeneration. <b>2016</b> , 11, e0146684	22
1095	Reproducibility of Brain Morphometry from Short-Term Repeat Clinical MRI Examinations: A Retrospective Study. <b>2016</b> , 11, e0146913	9
1094	Cortical Thickness, Surface Area and Subcortical Volume Differentially Contribute to Cognitive Heterogeneity in Parkinson's Disease. <b>2016</b> , 11, e0148852	35
1093	Patterns of Individual Variation in Visual Pathway Structure and Function in the Sighted and Blind. <b>2016</b> , 11, e0164677	25
1092	Structural Differences in Insular Cortex Reflect Vicarious Injustice Sensitivity. <b>2016</b> , 11, e0167538	7
1091	Structural MR Imaging in the Diagnosis of Alzheimer's Disease and Other Neurodegenerative Dementia: Current Imaging Approach and Future Perspectives. <b>2016</b> , 17, 827-845	38



1090	Small Worldness in Dense and Weighted Connectomes. <b>2016</b> , 4,	8
1089	Psychopaths Show Enhanced Amygdala Activation during Fear Conditioning. <b>2016</b> , 7, 348	22
1088	A New Measure of Imagination Ability: Anatomical Brain Imaging Correlates. <b>2016</b> , 7, 496	13
1087	Objective sleep disturbances are associated with greater waking resting-state connectivity between the retrosplenial cortex/ hippocampus and various nodes of the default mode network. <b>2016</b> , 41, 295-303	50
1086	Reduced Gray Matter Volume Is Associated With Poorer Instrumental Activities of Daily Living Performance in Heart Failure. <b>2016</b> , 31, 31-41	9
1085	Dopaminergic system and dream recall: An MRI study in Parkinson's disease patients. <b>2016</b> , 37, 1136-47	26
1084	Fronto-Parietal gray matter and white matter efficiency differentially predict intelligence in males and females. <b>2016</b> , 37, 4006-4016	17
1083	In vivo cortical spreading pattern of tau and amyloid in the Alzheimer disease spectrum. <b>2016</b> , 80, 247-58	266
1082	Structural and resting-state MRI detects regional brain differences in young and mid-age healthy APOE-e4 carriers compared with non-APOE-e4 carriers. <b>2016</b> , 29, 614-24	33
1081	NATURALISTIC COURSE OF MAJOR DEPRESSIVE DISORDER PREDICTED BY CLINICAL AND STRUCTURAL NEUROIMAGING DATA: A 5-YEAR FOLLOW-UP. <b>2016</b> , 33, 1055-1064	16
1080	Individualized covariance profile of cortical morphology for auditory hallucinations in first-episode psychosis. <b>2016</b> , 37, 1051-65	12
1079	From evoked potentials to cortical currents: Resolving V1 and V2 components using retinotopy constrained source estimation without fMRI. <b>2016</b> , 37, 1696-709	3
1078	Effects of change in FreeSurfer version on classification accuracy of patients with Alzheimer's disease and mild cognitive impairment. <b>2016</b> , 37, 1831-41	18
1077	Hippocampus volume and subjective sleepiness in older people with sleep-disordered breathing: a preliminary report. <b>2016</b> , 25, 190-3	21
1076	Negative and interactive effects of sex, aging, and alcohol abuse on gray matter morphometry. <b>2016</b> , 37, 2276-92	46
1075	Comparison of automated brain volumetry methods with stereology in children aged 2 to 3 years. <b>2016</b> , 58, 901-10	10
1074	Application of probabilistic fiber-tracking method of MR imaging to measure impact of cranial irradiation on structural brain connectivity in children treated for medulloblastoma. <b>2016</b> ,	1
1073	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. <b>2016</b> , 37, 2385-97	104

1072	The association between hippocampal volume and life events in healthy twins. <b>2016</b> , 26, 1088-95	4
1071	Accelerated longitudinal gray/white matter contrast decline in aging in lightly myelinated cortical regions. <b>2016</b> , 37, 3669-84	23
1070	Cortical thickness and surface area correlates with cognitive dysfunction among first-episode psychosis patients. <b>2016</b> , 46, 2145-55	11
1069	Sex differences in amygdala shape: Insights from Turner syndrome. <b>2016</b> , 37, 1593-601	9
1068	Clinical and biomarker profiling of prodromal Alzheimer's disease in workpackage 5 of the Innovative Medicines Initiative PharmaCog project: a 'European ADNI study'. <b>2016</b> , 279, 576-91	48
1067	Abnormalities in left inferior frontal gyral thickness and parahippocampal gyral volume in young people at high genetic risk for bipolar disorder. <b>2016</b> , 46, 2083-96	15
1066	Diverging Progression of Network Disruption and Atrophy in Alzheimer's Disease and Semantic Dementia. <b>2017</b> , 55, 981-993	7
1065	Dopamine D1 signaling organizes network dynamics underlying working memory. <b>2016</b> , 2, e1501672	41
1064	Cerebrospinal Fluid A $\beta$ 2/40 Corresponds Better than A $\beta$ 2 to Amyloid PET in Alzheimer's Disease. <b>2017</b> , 55, 813-822	120
1063	Active Cigarette Smoking in 'Cognitively-Normal Elders and Probable Alzheimer's Disease is Associated with Elevated Cerebrospinal Fluid Oxidative Stress Biomarkers. <b>2016</b> , 54, 99-107	20
1062	Cerebrospinal Fluid Biomarkers and Reserve Variables as Predictors of Future "Non-Cognitive" Outcomes of Alzheimer's Disease. <b>2016</b> , 52, 1055-64	6
1061	Widespread structural brain involvement in ALS is not limited to the C9orf72 repeat expansion. <b>2016</b> , 87, 1354-1360	48
1060	Structural connectivity of temporal lobe structures detects temporal lobe epilepsy. <b>2016</b> ,	
1059	Cognitive reserve lessens the burden of white matter lesions on executive functions in bipolar disorder. <b>2016</b> , 46, 3095-3104	7
1058	Using deep belief network modelling to characterize differences in brain morphometry in schizophrenia. <b>2016</b> , 6, 38897	91
1057	Brain structural plasticity with spaceflight. <b>2016</b> , 2, 2	72
1056	Increased Intrinsic Activity of Medial-Temporal Lobe Subregions is Associated with Decreased Cortical Thickness of Medial-Parietal Areas in Patients with Alzheimer's Disease Dementia. <b>2016</b> , 51, 313-26	12
1055	Thinner temporal and parietal cortex is related to incident clinical progression to dementia in patients with subjective cognitive decline. <b>2016</b> , 5, 43-52	30

1054	Does Microglial Activation Influence Hippocampal Volume and Neuronal Function in Alzheimer's Disease and Parkinson's Disease Dementia?. <b>2016</b> , 51, 1275-89	40
1053	Longitudinal imaging in mutation carriers: Relationship to phenotype. <b>2016</b> , 12, 1035-1043	49
1052	Associative memory and underlying brain correlates in older adults with mild cognitive impairment. <b>2016</b> , 85, 216-25	8
1051	Altered Gray Matter in Adolescents with d-Transposition of the Great Arteries. <b>2016</b> , 169, 36-43.e1	20
1050	Combining Multi-atlas Segmentation with Brain Surface Estimation. <b>2016</b> , 9784,	13
1049	Cognitive and connectome properties detectable through individual differences in graphomotor organization. <b>2016</b> , 85, 301-9	17
1048	Structural neural correlates of impaired mobility and subsequent decline in executive functions: a 12-month prospective study. <b>2016</b> , 80, 27-35	8
1047	Blood glucose levels and cortical thinning in cognitively normal, middle-aged adults. <b>2016</b> , 365, 89-95	17
1046	Neural sensitivity to syllable frequency and mutual information in speech perception and production. <b>2016</b> , 136, 106-21	10
1045	. <b>2016</b> , 7, 1221-1227	1
1044	Graph Metrics of Structural Brain Networks in Individuals with Schizophrenia and Healthy Controls: Group Differences, Relationships with Intelligence, and Genetics. <b>2016</b> , 22, 240-9	28
1043	Evaluation of software tools for automated identification of neuroanatomical structures in quantitative Amyloid PET imaging to diagnose Alzheimer's disease. <b>2016</b> , 43, 1077-87	17
1042	Real-space path integration is impaired in Alzheimer's disease and mild cognitive impairment. <b>2016</b> , 307, 150-8	28
1041	Disorganized attachment in infancy predicts greater amygdala volume in adulthood. <b>2016</b> , 308, 83-93	94
1040	The Disconnected Brain and Executive Function Decline in Aging. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 2303-2317	5.1 83
1039	Quantitative MRI of the spinal cord and brain in adrenomyeloneuropathy: in vivo assessment of structural changes. <b>2016</b> , 139, 1735-46	34
1038	Variational inference for medical image segmentation. <b>2016</b> , 151, 14-28	10
1037	Alzheimer's Disease Classification with Novel Microstructural Metrics from Diffusion-Weighted MRI. <b>2016</b> , 41-54	3

1036	Genetic Variation in Schizophrenia Liability is Shared With Intellectual Ability and Brain Structure. <b>2016</b> , 42, 1167-75	17
1035	Longitudinal development of frontoparietal activity during feedback learning: Contributions of age, performance, working memory and cortical thickness. <b>2016</b> , 19, 211-22	39
1034	NIA-AA staging of preclinical Alzheimer disease: discordance and concordance of CSF and imaging biomarkers. <b>2016</b> , 44, 1-8	65
1033	Determinants of iron accumulation in the normal aging brain. <b>2016</b> , 43, 149-55	44
1032	Limited microstructural and connectivity deficits despite subcortical volume reductions in school-aged children born preterm with very low birth weight. <b>2016</b> , 130, 24-34	24
1031	Cortical thickness and emotion processing in young adults with mild to moderate depression: a preliminary study. <b>2016</b> , 16, 38	22
1030	Reproducibility of hippocampal atrophy rates measured with manual, FreeSurfer, AdaBoost, FSL/FIRST and the MAPS-HBSI methods in Alzheimer's disease. <b>2016</b> , 252, 26-35	18
1029	Sentence understanding depends on contextual use of semantic and real world knowledge. <b>2016</b> , 136, 10-25	5
1028	Relationship of metabolic and endocrine parameters to brain glucose metabolism in older adults: do cognitively-normal older adults have a particular metabolic phenotype?. <b>2016</b> , 17, 241-55	16
1027	Gray Matter Characteristics in Mid and Old Aged Adults with ASD. <b>2016</b> , 46, 2666-2678	19
1026	Secondary Progressive Multiple Sclerosis: Definition and Measurement. <b>2016</b> , 30, 517-26	27
1025	Reduced cortical thickness and increased surface area in antisocial personality disorder. <b>2016</b> , 337, 143-152	16
1024	Connectomics-based structural network alterations in obsessive-compulsive disorder. <b>2016</b> , 6, e882	36
1023	References. <b>2016</b> , 433-472	
1022	Uncovering cortico-striatal correlates of cognitive fatigue in pediatric acquired brain disorder: Evidence from traumatic brain injury. <b>2016</b> , 83, 222-30	13
1021	Fast and sequence-adaptive whole-brain segmentation using parametric Bayesian modeling. <b>2016</b> , 143, 235-249	37
1020	Subcortical gray matter changes in transgender subjects after long-term cross-sex hormone administration. <b>2016</b> , 74, 371-379	38
1019	Measurement of cortical thickness asymmetry in carotid occlusive disease. <b>2016</b> , 12, 640-644	9

1018	Differential tinnitus-related neuroplastic alterations of cortical thickness and surface area. <b>2016</b> , 342, 1-12	29
1017	Adolescent cortical thickness pre- and post marijuana and alcohol initiation. <b>2016</b> , 57, 20-29	28
1016	State-dependent variability of dynamic functional connectivity between frontoparietal and default networks relates to cognitive flexibility. <b>2016</b> , 339, 12-21	77
1015	Diffusion tensor distribution function metrics boost power to detect deficits in Alzheimer's disease. <b>2016</b> ,	0
1014	MRICloud: Delivering High-Throughput MRI Neuroinformatics as Cloud-Based Software as a Service. <b>2016</b> , 18, 21-35	81
1013	Parsimonious Approximation of Streamline Trajectories in White Matter Fiber Bundles. <b>2016</b> , 35, 2609-2619	16
1012	Cortical thickness in relation to clinical symptom onset in preclinical AD. <b>2016</b> , 12, 116-22	40
1011	Cortical and subcortical brain alterations in Juvenile Absence Epilepsy. <b>2016</b> , 12, 306-11	16
1010	Reconstruction of brain activity in EEG/MEG using reduced-rank nulling spatial filter. <b>2016</b> ,	1
1009	Neural Responses to Heartbeats in the Default Network Encode the Self in Spontaneous Thoughts. <b>2016</b> , 36, 7829-40	81
1008	The effects of hippocampal lesions on MRI measures of structural and functional connectivity. <b>2016</b> , 26, 1447-1463	36
1007	Nodes and Edges. <b>2016</b> , 37-88	
1006	Brain networks under attack: robustness properties and the impact of lesions. <b>2016</b> , 139, 3063-3083	156
1005	Global Visual Motion Sensitivity: Associations with Parietal Area and Children's Mathematical Cognition. <b>2016</b> , 28, 1897-1908	28
1004	Connectivity precedes function in the development of the visual word form area. <b>2016</b> , 19, 1250-5	214
1003	Structural brain abnormalities in a single gene disorder associated with epilepsy, language impairment and intellectual disability. <b>2016</b> , 12, 655-665	16
1002	A human neurodevelopmental model for Williams syndrome. <b>2016</b> , 536, 338-43	120
1001	Illusory conjunctions in visual short-term memory: Individual differences in corpus callosum connectivity and splitting attention between the two hemifields. <b>2016</b> , 53, 1639-1650	5

1000	Altered Integration of Structural Covariance Networks in Young Children With Type 1 Diabetes. <b>2016</b> , 37, 4034-4046	18
999	Motor Circuit Anatomy in Children with Autism Spectrum Disorder With or Without Attention Deficit Hyperactivity Disorder. <b>2016</b> , 9, 67-81	35
998	Single-subject morphological brain networks: connectivity mapping, topological characterization and test-retest reliability. <b>2016</b> , 6, e00448	56
997	Volumetric and fiber-tracing MRI methods for gray and white matter. <b>2016</b> , 135, 39-60	6
996	Disrupted rich club network in behavioral variant frontotemporal dementia and early-onset Alzheimer's disease. <b>2016</b> , 37, 868-83	34
995	A New MRI Masking Technique Based on Multi-Atlas Brain Segmentation in Controls and Schizophrenia: A Rapid and Viable Alternative to Manual Masking. <b>2016</b> , 26, 28-36	17
994	No association between hair cortisol or cortisone and brain morphology in children. <b>2016</b> , 74, 101-110	10
993	The Human Connectome Project's neuroimaging approach. <b>2016</b> , 19, 1175-87	482
992	Variability Issues in Automated Hippocampal Segmentation: A Study on Out-of-the-Box Software and Multi-rater Ground Truth. <b>2016</b> ,	5
991	Longitudinal $\beta$ Amyloid Deposition and Hippocampal Volume in Preclinical Alzheimer Disease and Suspected Non-Alzheimer Disease Pathophysiology. <b>2016</b> , 73, 1192-1200	63
990	Three-Dimensional Face Recognition in Mild Cognitive Impairment: A Psychophysical and Structural MR Study. <b>2016</b> , 22, 744-54	3
989	Cortical thickness asymmetries and surgical outcome in neocortical epilepsy. <b>2016</b> , 368, 97-103	10
988	Temporal Lobe Volume Decrements in Psychosis Spectrum Youths. <b>2017</b> , 43, 601-610	16
987	Predicting Neural Activity Patterns Associated with Sentences Using a Neurobiologically Motivated Model of Semantic Representation. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 4379-4395	5.1 42
986	The influence of preprocessing steps on functional connectivity in resting state fMRI. <b>2016</b> ,	1
985	Modeling Effective Connectivity in High-Dimensional Cortical Source Signals. <b>2016</b> , 10, 1315-1325	33
984	Disrupted anatomic networks in the 22q11.2 deletion syndrome. <b>2016</b> , 12, 420-8	3
983	Registering imaged ECoG electrodes to human cortex: A geometry-based technique. <b>2016</b> , 273, 64-73	17

982	Surface displacement based shape analysis of central brain structures in preterm-born children. <b>2016,</b>		
981	A multi-modal parcellation of human cerebral cortex. <b>2016,</b> 536, 171-178		2046
980	Periventricular White Matter Is a Nexus for Network Connectivity in the Human Brain. <b>2016,</b> 6, 548-57		14
979	Imaging and cerebrospinal fluid biomarkers in early preclinical alzheimer disease. <b>2016,</b> 80, 379-87		65
978	Comprehensive cellular-resolution atlas of the adult human brain. <b>2016,</b> 524, 3127-481		174
977	Cognitive Reserve and Brain Maintenance: Orthogonal Concepts in Theory and Practice. <i>Cerebral Cortex</i> , <b>2017,</b> 27, 3962-3969	5.1	35
976	Longitudinal changes in functional connectivity of cortico-basal ganglia networks in manifests and premanifest huntington's disease. <b>2016,</b> 37, 4112-4128		18
975	Persistent sparing of action conceptual processing in spite of increasing disorders of action production: A case against motor embodiment of action concepts. <b>2016,</b> 33, 191-219		9
974	Reprint of "Adolescent cortical thickness pre- and post marijuana and alcohol initiation". <b>2016,</b> 58, 78-87		1
973	Glial activation colocalizes with structural abnormalities in amyotrophic lateral sclerosis. <b>2016,</b> 87, 2554-2561		67
972	Inter-hemispheric functional dysconnectivity mediates the association of corpus callosum degeneration with memory impairment in AD and amnesic MCI. <b>2016,</b> 6, 32573		26
971	Failure to mobilize cognitive control for challenging tasks correlates with symptom severity in schizophrenia. <b>2016,</b> 12, 887-893		2
970	Resting state brain dynamics and its transients: a combined TMS-EEG study. <b>2016,</b> 6, 31220		17
969	Mechanism of Consistent Gyrus Formation: an Experimental and Computational Study. <b>2016,</b> 6, 37272		11
968	Regional cortical thinning of the orbitofrontal cortex in medication-naïve female patients with major depressive disorder is not associated with MAOA-uVNTR polymorphism. <b>2016,</b> 15, 26		7
967	Longitudinal change in Paced Auditory Serial Addition Test (PASAT) performance following immunoablative therapy and haematopoietic stem cell transplant in multiple sclerosis. <b>2016,</b> 1,		0
966	Source imaging of simple finger movements captured during auditory response tasks: Estimation of variation in neural information flow under varying vigilance levels. <b>2016,</b>		
965	Altered regional cortical thickness and subcortical volume in women with primary dysmenorrhoea. <b>2016,</b> 20, 512-20		29

964	Primary somatosensory/motor cortical thickness distinguishes paresthesia-dominant from pain-dominant carpal tunnel syndrome. <b>2016</b> , 157, 1085-1093		24
963	The relationship between cerebrospinal fluid markers of Alzheimer pathology and positron emission tomography tau imaging. <b>2016</b> , 139, 2249-60		125
962	Volumetric MRI as a Diagnostic Tool in Alzheimer's Disease. <b>2016</b> , 181-198		2
961	Cortical Thickness of Functionally Defined Visual Areas in Schizophrenia and Bipolar Disorder. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 2984-2993	5.1	29
960	Effects of HIV and childhood trauma on brain morphometry and neurocognitive function. <b>2016</b> , 22, 149-58		35
959	Cerebral white matter correlates of delay discounting in adolescents. <b>2016</b> , 305, 108-14		7
958	Regional correlations between cortical thickness and surface area asymmetries: A surface-based morphometry study of 250 adults. <b>2016</b> , 93, 350-364		44
957	Functional Evidence for a Cerebellar Node of the Dorsal Attention Network. <b>2016</b> , 36, 6083-96		83
956	Consistent cortical reconstruction and multi-atlas brain segmentation. <b>2016</b> , 138, 197-210		67
955	Mean cortical curvature reflects cytoarchitecture restructuring in mild traumatic brain injury. <b>2016</b> , 11, 81-89		22
954	White matter integrity in major depressive disorder: Implications of childhood trauma, 5-HTTLPR and BDNF polymorphisms. <b>2016</b> , 253, 15-25		22
953	Neurodevelopmental correlates of proneness to guilt and shame in adolescence and early adulthood. <b>2016</b> , 19, 51-7		16
952	Associations between the self-reported frequency of hearing chemical alarms in theater and regional brain volume in Gulf War Veterans. <b>2016</b> , 53, 246-256		17
951	Mental health and cerebellar volume during adolescence in very-low-birth-weight infants: a longitudinal study. <b>2016</b> , 10, 6		12
950	Cortical morphological markers in children with autism: a structural magnetic resonance imaging study of thickness, area, volume, and gyrification. <b>2016</b> , 7, 11		71
949	Visuospatial Processing Deficits Linked to Posterior Brain Regions in Premanifest and Early Stage Huntington's Disease. <b>2016</b> , 22, 595-608		33
948	Reduced frontal-subcortical white matter connectivity in association with suicidal ideation in major depressive disorder. <b>2016</b> , 6, e835		52
947	Serotonin and the Brain's Rich Club-Association Between Molecular Genetic Variation on the TPH2 Gene and the Structural Connectome. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 2166-2174	5.1	14



946	Measuring Large-Scale Synchronization with Human MEG and EEG: Challenges and Solutions. <b>2016</b> , 1-18	5
945	Validation of an automated morphological MRI-based (123)I-FP-CIT SPECT evaluation method. <b>2016</b> , 29, 24-9	6
944	MarsAtlas: A cortical parcellation atlas for functional mapping. <b>2016</b> , 37, 1573-92	35
943	Surface-based morphometry reveals distinct cortical thickness and surface area profiles in Williams syndrome. <b>2016</b> , 171B, 402-13	5
942	Neural signature of developmental coordination disorder in the structural connectome independent of comorbid autism. <b>2016</b> , 19, 599-612	36
941	Laser interstitial thermal therapy for medically intractable mesial temporal lobe epilepsy. <b>2016</b> , 57, 325-34	222
940	Multiparametric mapping of neurological soft signs in healthy adults. <b>2016</b> , 221, 1209-21	24
939	Structural Connectivity Fingerprints Predict Cortical Selectivity for Multiple Visual Categories across Cortex. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1668-83	5.1 95
938	Brain Events Underlying Episodic Memory Changes in Aging: A Longitudinal Investigation of Structural and Functional Connectivity. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1272-1286	5.1 67
937	Individual Differences in Reward and Somatosensory-Motor Brain Regions Correlate with Adiposity in Adolescents. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 2602-11	5.1 45
936	Sleep reverts changes in human gray and white matter caused by wake-dependent training. <b>2016</b> , 129, 367-377	32
935	Theory of mind mediates the prospective relationship between abnormal social brain network morphology and chronic behavior problems after pediatric traumatic brain injury. <b>2016</b> , 11, 683-92	26
934	Fronto-temporal alterations and affect regulation in methamphetamine dependence with and without a history of psychosis. <b>2016</b> , 248, 30-8	19
933	Effect of Hippocampal and Amygdala Connectivity on the Relationship Between Preschool Poverty and School-Age Depression. <b>2016</b> , 173, 625-34	85
932	Age-associated differences on structural brain MRI in nondemented individuals from 71 to 103 years. <b>2016</b> , 40, 86-97	27
931	Alpha-Beta and Gamma Rhythms Subserve Feedback and Feedforward Influences among Human Visual Cortical Areas. <b>2016</b> , 89, 384-97	356
930	Structural brain indices and executive functioning in multiple sclerosis: A review. <b>2016</b> , 38, 261-74	10
929	Quantitative validation of a visual rating scale for frontal atrophy: associations with clinical status, APOE e4, CSF biomarkers and cognition. <b>2016</b> , 26, 2597-610	29

928	Relationship between neurotoxic kynurenine metabolites and reductions in right medial prefrontal cortical thickness in major depressive disorder. <b>2016</b> , 53, 39-48	92
927	Altered Structural Brain Networks in Tuberous Sclerosis Complex. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 2046-58	5.1 26
926	Structural Brain Network Disturbances in the Psychosis Spectrum. <b>2016</b> , 42, 782-9	21
925	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. <b>2016</b> , 19, 579-591	17
924	Group-wise consistent cortical parcellation based on connectional profiles. <b>2016</b> , 32, 32-45	7
923	Probabilistic Modeling of Imaging, Genetics and Diagnosis. <b>2016</b> , 35, 1765-79	20
922	Regional Cortical Surface Area in Adolescents: A Preliminary MRI Twin Study of Genetic and Environmental Contributions. <b>2016</b> , 46, 205-16	4
921	Assessing Out-of-the-box Software for Automated Hippocampus Segmentation. <b>2016</b> , 212-217	3
920	Brain activation is related to smoothness of upper limb movements after stroke. <b>2016</b> , 234, 2077-2089	33
919	General cognitive ability and fluctuating asymmetry of brain surface area. <b>2016</b> , 56, 93-98	6
918	Multimodal description of whole brain connectivity: A comparison of resting state MEG, fMRI, and DWI. <b>2016</b> , 37, 20-34	44
917	Unsupervised fetal cortical surface parcellation. <b>2016</b> , 9784,	1
916	Weight restoration therapy rapidly reverses cortical thinning in anorexia nervosa: A longitudinal study. <b>2016</b> , 130, 214-222	85
915	Deficit-lesion correlations in syntactic comprehension in aphasia. <b>2016</b> , 152, 14-27	14
914	Underlying sources of cognitive-anatomical variation in multi-modal neuroimaging and cognitive testing. <b>2016</b> , 129, 439-449	3
913	Oxidative mitochondrial DNA damage in peripheral blood mononuclear cells is associated with reduced volumes of hippocampus and subcortical gray matter in chronically HIV-infected patients. <b>2016</b> , 28, 8-15	22
912	Different partial volume correction methods lead to different conclusions: An (18)F-FDG-PET study of aging. <b>2016</b> , 132, 334-343	133
911	Impact of time-of-day on brain morphometric measures derived from T1-weighted magnetic resonance imaging. <b>2016</b> , 133, 41-52	58

910	Differences between chronological and brain age are related to education and self-reported physical activity. <b>2016</b> , 40, 138-144		135
909	Assessing Quantitative Changes in Intrinsic Thalamic Networks in Blast and Nonblast Mild Traumatic Brain Injury: Implications for Mechanisms of Injury. <b>2016</b> , 6, 389-402		4
908	Neuroanatomical Markers of Neurological Soft Signs in Recent-Onset Schizophrenia and Asperger-Syndrome. <b>2016</b> , 29, 382-94		13
907	Structural efficiency within a parieto-frontal network and cognitive differences. <b>2016</b> , 54, 105-116		34
906	Correlates of virtual navigation performance in older adults. <b>2016</b> , 39, 118-27		22
905	Reinforcement of the Brain's Rich-Club Architecture Following Early Neurodevelopmental Disruption Caused by Very Preterm Birth. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1322-35	5.1	57
904	Heritability and reliability of automatically segmented human hippocampal formation subregions. <b>2016</b> , 128, 125-137		88
903	DTI Analysis Methods: Fibre Tracking and Connectivity. <b>2016</b> , 205-228		1
902	Cortical trajectories during adolescence in preterm born teenagers with very low birthweight. <b>2016</b> , 75, 120-131		19
901	Joint reconstruction of white-matter pathways from longitudinal diffusion MRI data with anatomical priors. <b>2016</b> , 127, 277-286		38
900	Simulating disease propagation across white matter connectome reveals anatomical substrate for neuropathology staging in amyotrophic lateral sclerosis. <b>2016</b> , 124, 762-769		63
899	White matter tract covariance patterns predict age-declining cognitive abilities. <b>2016</b> , 125, 53-60		24
898	Fat may affect magnetic resonance signal intensity and brain tissue volumes. <b>2016</b> , 10, 211-5		6
897	Early Childhood Behavioral Inhibition Predicts Cortical Thickness in Adulthood. <b>2016</b> , 55, 122-9.e1		23
896	Prefrontal lobe structural integrity and trail making test, part B: converging findings from surface-based cortical thickness and voxel-based lesion symptom analyses. <b>2016</b> , 10, 675-85		16
895	Topology of genetic associations between regional gray matter volume and intellectual ability: Evidence for a high capacity network. <b>2016</b> , 124, 1044-1053		10
894	The Reference Ability Neural Network Study: Life-time stability of reference-ability neural networks derived from task maps of young adults. <b>2016</b> , 125, 693-704		27
893	Atypical Sulcal Pattern in Children with Developmental Dyslexia and At-Risk Kindergarteners. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1138-1148	5.1	62

892	Association of Cerebrospinal Fluid Neurofilament Light Concentration With Alzheimer Disease Progression. <b>2016</b> , 73, 60-7	258
891	Variability and anatomical specificity of the orbitofrontothalamic fibers of passage in the ventral capsule/ventral striatum (VC/VS): precision care for patient-specific tractography-guided targeting of deep brain stimulation (DBS) in obsessive compulsive disorder (OCD). <b>2016</b> , 10, 1054-1067	91
890	Differential activity in Heschl's gyrus between deaf and hearing individuals is due to auditory deprivation rather than language modality. <b>2016</b> , 124, 96-106	15
889	Neuroanatomical correlates of individual differences in social anxiety in a non-clinical population. <b>2016</b> , 11, 424-37	9
888	Structural brain aging and speech production: a surface-based brain morphometry study. <b>2016</b> , 221, 3275-99	13
887	Interaction of Cigarette Smoking History With APOE Genotype and Age on Amyloid Level, Glucose Metabolism, and Neurocognition in Cognitively Normal Elders. <b>2016</b> , 18, 204-11	27
886	Sentential influences on acoustic-phonetic processing: A Granger causality analysis of multimodal imaging data. <b>2016</b> , 31, 841-855	27
885	Amygdala, Hippocampus, and Ventral Medial Prefrontal Cortex Volumes Differ in Maltreated Youth with and without Chronic Posttraumatic Stress Disorder. <b>2016</b> , 41, 791-801	124
884	Prediction of outcome in the psychosis prodrome using neuroanatomical pattern classification. <b>2016</b> , 173, 159-165	40
883	APOE $\epsilon$ associated with preserved executive function performance and maintenance of temporal and cingulate brain volumes in younger adults. <b>2017</b> , 11, 194-204	11
882	Altered structural connectivity in ADHD: a network based analysis. <b>2017</b> , 11, 846-858	38
881	The 5-HTTLPR and BDNF polymorphisms moderate the association between uncinate fasciculus connectivity and antidepressants treatment response in major depression. <b>2017</b> , 267, 135-147	35
880	Vertex- and atlas-based comparisons in measures of cortical thickness, gyrification and white matter volume between humans and chimpanzees. <b>2017</b> , 222, 229-245	15
879	Sex differences in impulsivity and brain morphometry in methamphetamine users. <b>2017</b> , 222, 215-227	34
878	How attention influences perceptual decision making: Single-trial EEG correlates of drift-diffusion model parameters. <b>2017</b> , 76, 117-130	52
877	Decoupling of large-scale brain networks supports the consolidation of durable episodic memories. <b>2017</b> , 153, 336-345	8
876	Structural Brain Imaging of Long-Term Anabolic-Androgenic Steroid Users and Nonusing Weightlifters. <b>2017</b> , 82, 294-302	51
875	Hippocampal Atrophy Is Associated with Altered Hippocampus-Posterior Cingulate Cortex Connectivity in Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis. <b>2017</b> , 38, 626-632	5

874	Novel surface features for automated detection of focal cortical dysplasias in paediatric epilepsy. <b>2017</b> , 14, 18-27	60
873	Gray Matter Hypertrophy and Thickening with Obstructive Sleep Apnea in Middle-aged and Older Adults. <b>2017</b> , 195, 1509-1518	53
872	Role of testosterone and Y chromosome genes for the masculinization of the human brain. <b>2017</b> , 38, 1801-1814	31
871	The changing brain in healthy aging: a multi-MRI machine and multicenter surface-based morphometry study. <b>2017</b> ,	1
870	Regional staging of white matter signal abnormalities in aging and Alzheimer's disease. <b>2017</b> , 14, 156-165	28
869	Associations between Measures of Structural Morphometry and Sensorimotor Performance in Individuals with Nonspecific Low Back Pain. <b>2017</b> , 38, 183-191	7
868	Frontotemporal dementia with the V337M mutation: Tau-PET and pathology correlations. <b>2017</b> , 88, 758-766	58
867	Preliminary Report on Neuroanatomical Differences Among Reading Disabled, Nonverbally Gifted, and Gifted-Reading Disabled College Students. <b>2017</b> , 42, 25-38	
866	A longitudinal study of associations between psychiatric symptoms and disorders and cerebral gray matter volumes in adolescents born very preterm. <b>2017</b> , 17, 45	20
865	Hippocampal subregion volume changes associated with antipsychotic treatment in first-episode psychosis. <b>2017</b> , 47, 1706-1718	17
864	Influence of FKBP5 polymorphism and DNA methylation on structural changes of the brain in major depressive disorder. <b>2017</b> , 7, 42621	60
863	Brain morphology in school-aged children with prenatal opioid exposure: A structural MRI study. <b>2017</b> , 106-107, 33-39	46
862	The social brain network in 22q11.2 deletion syndrome: a diffusion tensor imaging study. <b>2017</b> , 13, 4	20
861	Convergent Results from Neuropsychology and from Neuroimaging in Patients with Mild Cognitive Impairment. <b>2017</b> , 43, 144-154	6
860	Cognitive impairment and hippocampal atrophy in chronic kidney disease. <b>2017</b> , 136, 477-485	18
859	Age differences in the motor control of speech: An fMRI study of healthy aging. <b>2017</b> , 38, 2751-2771	18
858	Hippocampal formation alterations differently contribute to autobiographic memory deficits in mild cognitive impairment and Alzheimer's disease. <b>2017</b> , 27, 702-715	12
857	Ventricular enlargement and progressive reduction of cortical gray matter are linked in prodromal youth who develop psychosis. <b>2017</b> , 189, 169-174	22

856	Differential Regional Distribution of Juxtacortical White Matter Signal Abnormalities in Aging and Alzheimer's Disease. <b>2017</b> , 57, 293-303	19
855	Genetic and environmental influences on mean diffusivity and volume in subcortical brain regions. <b>2017</b> , 38, 2589-2598	7
854	Cortical signature of clock drawing performance in Alzheimer's disease and mild cognitive impairment. <b>2017</b> , 90, 133-142	9
853	Heavy Prenatal Alcohol Exposure is Related to Smaller Corpus Callosum in Newborn MRI Scans. <b>2017</b> , 41, 965-975	40
852	Neuroanatomical Prediction of Anhedonia in Adolescents. <b>2017</b> , 42, 2087-2095	28
851	Pattern of gray matter volumes related to retinal thickness and its association with cognitive function in relapsing-remitting MS. <b>2017</b> , 7, e00614	13
850	A whole brain atlas with sub-parcellation of cortical gyri using resting fMRI. <b>2017</b> ,	0
849	Common and Specific Abnormalities in Cortical Thickness in Patients with Major Depressive and Bipolar Disorders. <b>2017</b> , 16, 162-171	42
848	Association between CSF biomarkers, hippocampal volume and cognitive function in patients with amnesic mild cognitive impairment (MCI). <b>2017</b> , 53, 1-10	43
847	Association of medial prefrontal resting state functional connectivity and metacognitive capacity in early phase psychosis. <b>2017</b> , 262, 8-14	11
846	The CACNA1C risk allele rs1006737 is associated with age-related prefrontal cortical thinning in bipolar I disorder. <b>2017</b> , 7, e1086	32
845	Family History of Alzheimer's Disease is Associated with Impaired Perceptual Discrimination of Novel Objects. <b>2017</b> , 57, 735-745	7
844	White matter microstructure variations contribute to neurological soft signs in healthy adults. <b>2017</b> , 38, 3552-3565	11
843	Precuneus Structure Changes in Amnesic Mild Cognitive Impairment. <b>2017</b> , 32, 22-26	7
842	Interpersonal early-life trauma alters amygdala connectivity and sustained attention performance. <b>2017</b> , 7, e00684	19
841	Individual differences in the dominance of interhemispheric connections predict cognitive ability beyond sex and brain size. <b>2017</b> , 155, 234-244	54
840	Brain structural investigation and hippocampal tractography in medication overuse headache: a native space analysis. <b>2017</b> , 13, 6	2
839	Continuous representations of brain connectivity using spatial point processes. <b>2017</b> , 41, 32-39	12

838	The influence of hippocampal atrophy on the cognitive phenotype of dementia with Lewy bodies. <b>2017</b> , 32, 1182-1189	23
837	Neuro-degeneration profile of Alzheimer's patients: A brain morphometry study. <b>2017</b> , 15, 15-24	34
836	Population differences in brain morphology: Need for population specific brain template. <b>2017</b> , 265, 1-8	18
835	High-resolution magnetic resonance imaging reveals nuclei of the human amygdala: manual segmentation to automatic atlas. <b>2017</b> , 155, 370-382	151
834	Can transverse relaxation rates in deep gray matter be approximated from functional and T-weighted FLAIR scans for relative brain iron quantification?. <b>2017</b> , 40, 75-82	4
833	Differential medial temporal lobe morphometric predictors of item- and relational-encoded memories in healthy individuals and in individuals with mild cognitive impairment and Alzheimer's disease. <b>2017</b> , 3, 238-246	7
832	Allostatic load and reduced cortical thickness in schizophrenia. <b>2017</b> , 77, 105-111	29
831	Tonotopic representation of loudness in the human cortex. <b>2017</b> , 344, 244-254	4
830	Gray Matter Abnormalities in Non-comorbid Medication-naïve Patients with Major Depressive Disorder or Social Anxiety Disorder. <b>2017</b> , 21, 228-235	52
829	How bilingualism protects the brain from aging: Insights from bimodal bilinguals. <b>2017</b> , 38, 4109-4124	21
828	Deconstructing white matter connectivity of human amygdala nuclei with thalamus and cortex subdivisions in vivo. <b>2017</b> , 38, 3927-3940	38
827	Normative morphometric data for cerebral cortical areas over the lifetime of the adult human brain. <b>2017</b> , 156, 315-339	41
826	Uncovering the neuroanatomical correlates of cognitive, affective and conative theory of mind in paediatric traumatic brain injury: a neural systems perspective. <b>2017</b> , 12, 1414-1427	26
825	Anatomical and functional correlates of cortical motor threshold of the dominant hand. <b>2017</b> , 10, 952-958	10
824	Phonological Working Memory for Words and Nonwords in Cerebral Cortex. <b>2017</b> , 60, 1959-1979	25
823	Age-related changes in structural connectivity are improved using subject-specific thresholding. <b>2017</b> , 288, 45-56	4
822	Cigarette smoking is associated with amplified age-related volume loss in subcortical brain regions. <b>2017</b> , 177, 228-236	18
821	Cortical thickness is not associated with current depression in a clinical treatment study. <b>2017</b> , 38, 4370-4385	11

820	Amyloid Burden in Obstructive Sleep Apnea. <b>2017</b> , 59, 21-29	46
819	Fine-Grained Parcellation of Brain Connectivity Improves Differentiation of States of Consciousness During Graded Propofol Sedation. <b>2017</b> , 7, 373-381	14
818	Brain grey and white matter predictors of verbal ability traits in older age: The Lothian Birth Cohort 1936. <b>2017</b> , 156, 394-402	14
817	Neuroanatomical correlates of familial risk-for-depression and religiosity/spirituality. <b>2017</b> , 4, 32-42	7
816	Damage to white matter bottlenecks contributes to language impairments after left hemispheric stroke. <b>2017</b> , 14, 552-565	52
815	Voxel-based analysis of diffusion tensor imaging in patients with mesial temporal lobe epilepsy. <b>2017</b> , 132, 100-108	5
814	Amyloidosis and neurodegeneration result in distinct structural connectivity patterns in mild cognitive impairment. <b>2017</b> , 55, 177-189	14
813	Similar patterns of neural activity predict memory function during encoding and retrieval. <b>2017</b> , 155, 60-71	28
812	Cortical features of distinct developmental trajectories in patients with delusional infestation. <b>2017</b> , 76, 72-79	18
811	Internal valence modulates the speed of object recognition. <b>2017</b> , 7, 361	9
810	Brain structure and organization five decades after childhood onset epilepsy. <b>2017</b> , 38, 3289-3299	10
809	Multiple-object Tracking as a Tool for Parametrically Modulating Memory Reactivation. <b>2017</b> , 29, 1339-1354	3
808	Frontocingulate cerebral blood flow and cerebrovascular reactivity associated with antidepressant response in late-life depression. <b>2017</b> , 215, 103-110	11
807	Tuning face perception with electrical stimulation of the fusiform gyrus. <b>2017</b> , 38, 2830-2842	23
806	Precuneus proportions and cortical folding: A morphometric evaluation on a racially diverse human sample. <b>2017</b> , 211, 120-128	15
805	Your algorithm might think the hippocampus grows in Alzheimer's disease: Caveats of longitudinal automated hippocampal volumetry. <b>2017</b> , 38, 2875-2896	19
804	Functional organization of the human posterior cingulate cortex, revealed by multiple connectivity-based parcellation methods. <b>2017</b> , 38, 2808-2818	14
803	MRI-based comparative study of different mild cognitive impairment subtypes: protocol for an observational case-control study. <b>2017</b> , 7, e013432	2



802	Gender dimorphism of brain reward system volumes in alcoholism. <b>2017</b> , 263, 15-25	30
801	The Global ECT-MRI Research Collaboration (GEMRIC): Establishing a multi-site investigation of the neural mechanisms underlying response to electroconvulsive therapy. <b>2017</b> , 14, 422-432	37
800	Attention to Distinct Goal-relevant Features Differentially Guides Semantic Knowledge Retrieval. <b>2017</b> , 29, 1178-1193	3
799	Robust thalamic nuclei segmentation method based on local diffusion magnetic resonance properties. <b>2017</b> , 222, 2203-2216	35
798	Development of cortical thickness and surface area in autism spectrum disorder. <b>2017</b> , 13, 215-222	30
797	Interictal epileptiform discharges impair word recall in multiple brain areas. <b>2017</b> , 58, 373-380	46
796	Synchrony dynamics underlying effective connectivity reconstruction of neuronal circuits. <b>2017</b> , 471, 674-687	8
795	Computational modelling of traumatic brain injury predicts the location of chronic traumatic encephalopathy pathology. <b>2017</b> , 140, 333-343	134
794	Exploring the contribution of spatial navigation to cognitive functioning in older adults. <b>2017</b> , 51, 67-70	31
793	Neuroanatomical correlates of prion disease progression - a 3T longitudinal voxel-based morphometry study. <b>2017</b> , 13, 89-96	7
792	Autotaxin is Related to Metabolic Dysfunction and Predicts Alzheimer's Disease Outcomes. <b>2017</b> , 56, 403-413	16
791	Cardiorespiratory fitness is differentially associated with cortical thickness in young and older adults. <b>2017</b> , 146, 1084-1092	42
790	Age-Related Changes in Topological Degradation of White Matter Networks and Gene Expression in Chronic Schizophrenia. <b>2017</b> , 7, 574-589	7
789	Structural Co-Variance Patterns in Migraine: A Cross-Sectional Study Exploring the Role of the Hippocampus. <b>2017</b> , 57, 1522-1531	28
788	Task-evoked pupil dilation and BOLD variance as indicators of locus coeruleus dysfunction. <b>2017</b> , 97, 60-69	26
787	Differential hemispheric and visual stream contributions to ensemble coding of crowd emotion. <b>2017</b> , 1, 828-842	18
786	TLR4 Methylation Moderates the Relationship Between Alcohol Use Severity and Gray Matter Loss. <b>2017</b> , 78, 696-705	3
785	Biomarkers in subtypes of mild cognitive impairment and subjective cognitive decline. <b>2017</b> , 7, e00776	22

784	Sample composition alters associations between age and brain structure. <b>2017</b> , 8, 874	89
783	Partial volume correction for PET quantification and its impact on brain network in Alzheimer's disease. <b>2017</b> , 7, 13035	21
782	Complementary contributions of concurrent EEG and fMRI connectivity for predicting structural connectivity. <b>2017</b> , 161, 251-260	26
781	An Objective Short Sleep Insomnia Disorder Subtype Is Associated With Reduced Brain Metabolite Concentrations In Vivo: A Preliminary Magnetic Resonance Spectroscopy Assessment. <b>2017</b> , 40,	14
780	On the Origin of Individual Functional Connectivity Variability: The Role of White Matter Architecture. <b>2017</b> , 7, 491-503	15
779	Prefrontal Cortical Thickening after Mild Traumatic Brain Injury: A One-Year Magnetic Resonance Imaging Study. <b>2017</b> , 34, 3270-3279	20
778	Neuroanatomical foundations of delayed reward discounting decision making. <b>2017</b> , 161, 261-270	38
777	Interactive Computation and Visualization of Structural Connectomes in Real-Time. <b>2017</b> , 35-41	
776	Personalized structural image analysis in patients with temporal lobe epilepsy. <b>2017</b> , 7, 10883	6
775	Individual differences in regional cortical volumes across the life span are associated with regional optical measures of arterial elasticity. <b>2017</b> , 162, 199-213	17
774	Improved prediction of outcome in Parkinson's disease using radiomics analysis of longitudinal DAT SPECT images. <b>2017</b> , 16, 539-544	49
773	Retrospective evaluation and SEEG trajectory analysis for interactive multi-trajectory planner assistant. <b>2017</b> , 12, 1727-1738	17
772	A sparse representation-based method for parcellation of the resting brain and its application to treatment-resistant major depressive disorder. <b>2017</b> , 290, 57-68	5
771	MultiXplore: Visual exploration platform for multimodal neuroimaging data. <b>2017</b> , 290, 1-12	3
770	Cortical thickness changes in adult moyamoya disease assessed by structural magnetic resonance imaging. <b>2017</b> , 46, 71-77	4
769	Multimodal MR Imaging Signatures of Cognitive Impairment in Active Professional Fighters. <b>2017</b> , 285, 555-567	17
768	In vivo retention of F-AV-1451 in corticobasal syndrome. <b>2017</b> , 89, 845-853	79
767	F-AV-1451 and CSF T-tau and P-tau as biomarkers in Alzheimer's disease. <b>2017</b> , 9, 1212-1223	124

766	Structural deficits in salience network regions are associated with increased impulsivity and compulsivity in alcohol dependence. <b>2017</b> , 179, 100-108		34
765	Loss of Brain Aerobic Glycolysis in Normal Human Aging. <b>2017</b> , 26, 353-360.e3		121
764	A test-retest study on Parkinson's PPMI dataset yields statistically significant white matter fascicles. <b>2017</b> , 16, 222-233		66
763	Midlife anticholinergic drug use, risk of Alzheimer's disease, and brain atrophy in community-dwelling older adults. <b>2017</b> , 3, 471-479		27
762	Lifetime PTSD and geriatric depression symptomatology relate to altered dorsomedial frontal and amygdala morphometry. <b>2017</b> , 267, 59-68		3
761	The effects of memory training on behavioral and microstructural plasticity in young and older adults. <b>2017</b> , 38, 5666-5680		33
760	F-AV-1451 binds to motor-related subcortical gray and white matter in corticobasal syndrome. <b>2017</b> , 89, 1170-1178		48
759	What can Cortical Development in Attention-Deficit/Hyperactivity Disorder Teach us About the Early Developmental Mechanisms Involved?. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 4624-4634	5.1	26
758	Bimanual coordination positively predicts episodic memory: A combined behavioral and MRI investigation. <b>2017</b> , 118, 71-79		6
757	Twins methods quantitatively explore the genetic impact on children and adolescents brain gray matter volume. <b>2017</b> , 7, 5327		
756	Neural predictors of motor control and impact of visuo-proprioceptive information in youth. <b>2017</b> , 38, 5628-5647		5
755	Disrupted superior collicular activity may reveal cervical dystonia disease pathomechanisms. <b>2017</b> , 7, 16753		14
754	Widespread theta synchrony and high-frequency desynchronization underlies enhanced cognition. <b>2017</b> , 8, 1704		82
753	Left caudal middle frontal gray matter volume mediates the effect of age on self-initiated elaborative encoding strategies. <b>2017</b> , 106, 341-349		7
752	Investigating the separate and interactive associations of trauma and depression on brain structure: implications for cognition and aging. <b>2017</b> , 32, 1190-1199		3
751	Subcortical brain atrophy in Gulf War Illness. <b>2017</b> , 235, 2777-2786		27
750	Machine-learning classification of 22q11.2 deletion syndrome: A diffusion tensor imaging study. <b>2017</b> , 15, 832-842		21
749	Deep learning of texture and structural features for multiclass Alzheimer's disease classification. <b>2017</b> ,		19

748	Comparison between two white matter segmentation strategies: An investigation into white matter segmentation consistency. <b>2017</b> ,	4
747	The relevance of feature selection methods to the classification of obsessive-compulsive disorder based on volumetric measures. <b>2017</b> , 222, 49-56	9
746	White matter lesions characterise brain involvement in moderate to severe chronic obstructive pulmonary disease, but cerebral atrophy does not. <b>2017</b> , 17, 92	16
745	Large-scale structural alteration of brain in epileptic children with mutation. <b>2017</b> , 15, 594-600	13
744	Age prediction on the basis of brain anatomical measures. <b>2017</b> , 38, 997-1008	57
743	Subcortical F-AV-1451 binding patterns in progressive supranuclear palsy. <b>2017</b> , 32, 134-140	87
742	Analysis of alcohol use disorders from the Nathan Kline Institute-Rockland Sample: Correlation of brain cortical thickness with neuroticism. <b>2017</b> , 170, 66-73	8
741	The moderating effects of sex on insula subdivision structure in youth with posttraumatic stress symptoms. <b>2017</b> , 34, 51-58	24
740	White matter structure in the right planum temporale region correlates with visual motion detection thresholds in deaf people. <b>2017</b> , 343, 64-71	16
739	Differential associations between systemic markers of disease and cortical thickness in healthy middle-aged and older adults. <b>2017</b> , 146, 19-27	7
738	Genetic and environmental influences on cortical mean diffusivity. <b>2017</b> , 146, 90-99	21
737	Cortical folding patterns are associated with impulsivity in healthy young adults. <b>2017</b> , 11, 1592-1603	14
736	Cognitive impairment and magnetic resonance imaging correlates in primary progressive multiple sclerosis. <b>2017</b> , 136, 109-115	11
735	Local gyrification index in patients with major depressive disorder and its association with tryptophan hydroxylase-2 (TPH2) polymorphism. <b>2017</b> , 38, 1299-1310	26
734	Neuroimaging genetic analyses of novel candidate genes associated with reading and language. <b>2017</b> , 172, 9-15	15
733	Cognitive reserve and cortical thickness in preclinical Alzheimer's disease. <b>2017</b> , 11, 357-367	36
732	Evaluation of cortical local field potential diffusion in stereotactic electro-encephalography recordings: A glimpse on white matter signal. <b>2017</b> , 147, 219-232	41
731	Structural asymmetries of the human cerebellum in relation to cerebral cortical asymmetries and handedness. <b>2017</b> , 222, 1611-1623	20

730	The pace of vocabulary growth during preschool predicts cortical structure at school age. <b>2017</b> , 98, 13-23	11
729	Alterations in the brainstem volume of patients with major depressive disorder and their relationship with antidepressant treatment. <b>2017</b> , 208, 68-75	8
728	Regional cerebellar volumetric correlates of manual motor and cognitive function. <b>2017</b> , 222, 1929-1944	25
727	A pilot study of hippocampal N-acetyl-aspartate in youth with treatment resistant major depression. <b>2017</b> , 207, 110-113	34
726	A practical guide for the identification of major sulcogyral structures of the human cortex. <b>2017</b> , 222, 2001-2015	21
725	Regional Gray Matter Volume Loss Is Associated with Gait Impairments in Young Brain-Injured Individuals. <b>2017</b> , 34, 1022-1034	13
724	Structural brain connectivity and cognitive ability differences: A multivariate distance matrix regression analysis. <b>2017</b> , 38, 803-816	19
723	Retrospective analysis of hemispheric structural network change as a function of location and size of glioma. <b>2021</b> , 3, fcaa216	4
722	Memory profiles in pathology or biomarker confirmed Alzheimer disease and frontotemporal dementia. <b>2015</b> , 29, 135-40	13
721	Cytoarchitectonic similarity is a wiring principle of the human connectome.	7
720	Sex differences in the adult human brain: Evidence from 5,216 UK Biobank participants.	9
719	Just above chance: is it harder to decode information from human prefrontal cortex BOLD signals?.	5
718	Local-Global Parcellation of the Human Cerebral Cortex From Intrinsic Functional Connectivity MRI.	19
717	Fluctuations of fMRI activation patterns reveal theta-band dynamics of visual object priming.	1
716	Using Outliers in Freesurfer Segmentation Statistics to Identify Cortical Reconstruction Errors in Structural Scans.	1
715	Porcupine: a visual pipeline tool for neuroimaging analysis.	3
714	The HIV-Associated Neurocognitive Disorders in Zambia (HANDZ) Study: Protocol of a research program in pediatric HIV in sub-Saharan Africa.	1
713	OASIS-3: Longitudinal Neuroimaging, Clinical, and Cognitive Dataset for Normal Aging and Alzheimer Disease.	81

712	Alteration of perivascular spaces in early cognitive decline.	2
711	Relating quantitative 7T MRI across cortical depths to cytoarchitectonics, gene expression and connectomics: a framework for tracking neurodegenerative disease.	1
710	Locus coeruleus MRI contrast is associated with cortical thickness in older adults.	1
709	The diversity and multiplexity of edge communities within and between brain systems.	3
708	Representational Connectivity Analysis: Identifying Networks of Shared Changes in Representational Strength through Jackknife Resampling.	1
707	A whole-cortex probabilistic diffusion tractography connectome.	3
706	Enhanced Brain Imaging Genetics in UK Biobank.	7
705	Subject identification using edge-centric functional connectivity.	2
704	No impact of functional connectivity of the motor system on the resting motor threshold: A replication study.	2
703	From letters to composed concepts: A magnetoencephalography study of reading.	1
702	Real-time Synthesis of Imagined Speech Processes from Minimally Invasive Recordings of Neural Activity.	1
701	PET Brain imaging of $\alpha$ -nAChR with [18F]ASEM.	4
700	The latency of a visual evoked potential tracks the onset of decision making.	1
699	Laminar signal extraction over extended cortical areas by means of a spatial GLM.	1
698	Predictive control of electrophysiological network architecture using direct, single-node neurostimulation in humans.	4
697	Accurate Nonlinear Mapping between MNI Volumetric and FreeSurfer Surface Coordinate Systems.	3
696	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging.	2
695	Combining Multi-Site/Multi-Study MRI Data: Linked-ICA Denoising for Removing Scanner and Site Variability from Multimodal MRI Data.	1

694	Towards reconstructing intelligible speech from the human auditory cortex.	6
693	Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders.	2
692	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium.	7
691	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study.	14
690	Brain Responsivity to Emotional Faces Differs in Alcoholic Men and Women.	1
689	Variations in Structural MRI Quality Significantly Impact Commonly-Used Measures of Brain Anatomy.	5
688	Gene-experience correlation during cognitive development: Evidence from the Adolescent Brain Cognitive Development (ABCD) StudySM.	7
687	Night watch during REM sleep for the first-night effect.	2
686	Maturation of cortical microstructure and cognitive development in childhood and adolescence: a T1w/T2w ratio MRI study.	1
685	Widespread associations between grey matter structure and the human phenome.	0
684	MRI-based Parcellation and Morphometry of the Individual Rhesus Monkey Brain: a translational system referencing a standardized ontology.	1
683	Optimising network modelling methods for fMRI.	2
682	Responses to heartbeats in ventromedial prefrontal cortex contribute to subjective preference-based decisions.	2
681	Thetaburst TMS to the posterior superior temporal sulcus decreases resting-state fMRI connectivity across the face processing network.	1
680	Edge-centric functional network representations of human cerebral cortex reveal overlapping system-level architecture.	7
679	High-amplitude co-fluctuations in cortical activity drive functional connectivity.	8
678	Impact of cerebellar atrophy on cortical gray matter and cerebellar peduncles as assessed by voxel-based morphometry and high angular resolution diffusion imaging. <b>2016</b> , 31, 239-248	15
677	Sulcal Depth-based Cortical Shape Analysis in Normal Healthy Control and Schizophrenia Groups. <b>2018</b> , 10574,	5

676	The cortical thickness phenotype of individuals with DISC1 translocation resembles schizophrenia. <b>2015</b> , 125, 3714-22	14
675	Functional Connectivity's Degenerate View of Brain Computation. <b>2016</b> , 12, e1005031	22
674	Colocalized structural and functional changes in the cortex of patients with trigeminal neuropathic pain. <b>2008</b> , 3, e3396	102
673	Global and regional differences in brain anatomy of young children born small for gestational age. <b>2011</b> , 6, e24116	43
672	Impaired structural motor connectome in amyotrophic lateral sclerosis. <b>2011</b> , 6, e24239	111
671	Hemispheric asymmetry in white matter connectivity of the temporoparietal junction with the insula and prefrontal cortex. <b>2012</b> , 7, e35589	60
670	Can Taichi reshape the brain? A brain morphometry study. <b>2013</b> , 8, e61038	85
669	MRI markers for mild cognitive impairment: comparisons between white matter integrity and gray matter volume measurements. <b>2013</b> , 8, e66367	52
668	Muscular weakness in individuals with HIV associated with a disorganization of the cortico-spinal tract: a multi-modal MRI investigation. <b>2013</b> , 8, e66810	8
667	Diffusion tensor tractography versus volumetric imaging in the diagnosis of behavioral variant frontotemporal dementia. <b>2013</b> , 8, e66932	36
666	Beyond cytoarchitectonics: the internal and external connectivity structure of the caudate nucleus. <b>2013</b> , 8, e70141	22
665	Different cortical dynamics in face and body perception: an MEG study. <b>2013</b> , 8, e71408	29
664	Amygdala volume predicts inter-individual differences in fearful face recognition. <b>2013</b> , 8, e74096	24
663	Functional connectivity estimated from intracranial EEG predicts surgical outcome in intractable temporal lobe epilepsy. <b>2013</b> , 8, e77916	43
662	Reduced structural connectivity between sensorimotor and language areas in rolandic epilepsy. <b>2013</b> , 8, e83568	26
661	Differences in prefrontal, limbic, and white matter lesion volumes according to cognitive status in elderly patients with first-onset subsyndromal depression. <b>2014</b> , 9, e87747	7
660	Mapping cortical thickness of the patients with unilateral end-stage open angle glaucoma on planar cerebral cortex maps. <b>2014</b> , 9, e93682	21
659	A correspondence between individual differences in the brain's intrinsic functional architecture and the content and form of self-generated thoughts. <b>2014</b> , 9, e97176	109



658	Correlations between brain cortical thickness and cutaneous pain thresholds are atypical in adults with migraine. <b>2014</b> , 9, e99791	28
657	Dissociable genetic contributions to error processing: a multimodal neuroimaging study. <b>2014</b> , 9, e101784	20
656	Functional roles of 10 Hz alpha-band power modulating engagement and disengagement of cortical networks in a complex visual motion task. <b>2014</b> , 9, e107715	10
655	Greater BOLD variability in older compared with younger adults during audiovisual speech perception. <b>2014</b> , 9, e111121	17
654	Sexual orientation related differences in cortical thickness in male individuals. <b>2014</b> , 9, e114721	31
653	Secondary hyperalgesia phenotypes exhibit differences in brain activation during noxious stimulation. <b>2015</b> , 10, e0114840	18
652	Alcohol use disorder with and without stimulant use: brain morphometry and its associations with cigarette smoking, cognition, and inhibitory control. <b>2015</b> , 10, e0122505	32
651	Adaptation of brain functional and structural networks in aging. <b>2015</b> , 10, e0123462	20
650	Evaluation of Glaucomatous Damage via Functional Magnetic Resonance Imaging, and Correlations Thereof with Anatomical and Psychophysical Ocular Findings. <b>2015</b> , 10, e0126362	10
649	Birth Weight and Adult IQ, but Not Anxious-Depressive Psychopathology, Are Associated with Cortical Surface Area: A Study in Twins. <b>2015</b> , 10, e0129616	5
648	Brain Function and Upper Limb Outcome in Stroke: A Cross-Sectional fMRI Study. <b>2015</b> , 10, e0139746	7
647	The Structural Correlates of Statistical Information Processing during Speech Perception. <b>2016</b> , 11, e0149375	4
646	Longitudinal Changes in White Matter Tract Integrity across the Adult Lifespan and Its Relation to Cortical Thinning. <b>2016</b> , 11, e0156770	31
645	Preliminary Study of Acute Changes in Emotion Processing in Trauma Survivors with PTSD Symptoms. <b>2016</b> , 11, e0159065	17
644	Abnormal Profiles of Local Functional Connectivity Proximal to Focal Cortical Dysplasias. <b>2016</b> , 11, e0166022	12
643	Agreement between functional connectivity and cortical thickness-driven correlation maps of the medial frontal cortex. <b>2017</b> , 12, e0171803	4
642	Multimodal MR-imaging reveals large-scale structural and functional connectivity changes in profound early blindness. <b>2017</b> , 12, e0173064	27
641	Prediction and classification of Alzheimer disease based on quantification of MRI deformation. <b>2017</b> , 12, e0173372	74

640	Serum S100B: A proxy marker for grey and white matter status in the absence and presence of (increased risk of) psychotic disorder?. <b>2017</b> , 12, e0174752	1
639	Exploratory structural assessment in craniocervical dystonia: Global and differential analyses. <b>2017</b> , 12, e0182735	7
638	Magnetic resonance imaging texture predicts progression to dementia due to Alzheimer disease earlier than hippocampal volume. <b>2020</b> , 45, 7-14	15
637	Modeling Brain Dynamics in Brain Tumor Patients Using the Virtual Brain. <b>2018</b> , 5,	26
636	Electrical Stimulation Modulates High $\gamma$ Activity and Human Memory Performance. <b>2018</b> , 5,	27
635	[Neuroanatomical brain profile of juvenile shiftlike schizophrenia: morphometry of grey matter in the prefrontal cortex and subcortical structures]. <b>2019</b> , 119, 7-11	1
634	Hybrid computed tomography and magnetic resonance imaging 3D printed models for neurosurgery planning. <b>2019</b> , 7, 684	8
633	Masks2Metrics (M2M): A Matlab Toolbox for Gold Standard Morphometrics. <b>2018</b> , 3, 436	2
632	Frailty Characteristics in Chronic HIV Patients are Markers of White Matter Atrophy Independently of Age and Depressive Symptoms: A Pilot Study. <b>2016</b> , 3, 138-152	13
631	Is the Volume of the Caudate Nuclei Associated With Area of Secondary Hyperalgesia? - Protocol for a 3-Tesla MRI Study of Healthy Volunteers. <b>2016</b> , 5, e117	3
630	Effects of Moderate Intensity Exercise on the Cortical Thickness and Subcortical Volumes of Preclinical Alzheimer's Disease Patients: A Pilot Study. <b>2020</b> , 17, 613-619	2
629	Spatial Pattern Separation in Early Alzheimer's Disease. <b>2020</b> , 76, 121-138	6
628	Crossing the divide: a longitudinal study of effective treatments for people with autism and attention deficit hyperactivity disorder across the lifespan. <b>2018</b> , 6, 1-240	6
627	Pathomechanisms of HIV-Associated Cerebral Small Vessel Disease: A Comprehensive Clinical and Neuroimaging Protocol and Analysis Pipeline. <b>2020</b> , 11, 595463	2
626	Short-Term Classification Learning Promotes Rapid Global Improvements of Information Processing in Human Brain Functional Connectome. <b>2019</b> , 13, 462	3
625	Predicting Sex From EEG: Validity and Generalizability of Deep-Learning-Based Interpretable Classifier. <b>2020</b> , 14, 589303	3
624	Atrophy of the left dorsolateral prefrontal cortex is associated with poor performance in verbal fluency in elderly poststroke women. <b>2013</b> , 8, 346-56	3
623	Altered Structural Network in Newly Onset Childhood Absence Epilepsy. <b>2020</b> , 16, 573-580	3

622	Computation of Local Fractal Dimension Values of the Human Cerebral Cortex. <b>2014</b> , 05, 1733-1740	10
621	Surface-Based Parameters of Brain Imaging in Male Patients with Alcohol Use Disorder. <b>2016</b> , 13, 511-517	1
620	A weighted cluster kernel PCA prediction model for multi-subject brain imaging data. <b>2010</b> , 3, 103-112	3
619	Freezing of gait is associated with cortical thinning in mesial frontal cortex. <b>2017</b> , 161, 389-396	9
618	The thickness of posterior cortical areas is related to executive dysfunction in Alzheimer's disease. <b>2014</b> , 69, 28-37	18
617	Neural pattern change during encoding of a narrative predicts retrospective duration estimates. <b>2016</b> , 5,	52
616	Threat of shock increases excitability and connectivity of the intraparietal sulcus. <b>2017</b> , 6,	18
615	Large and fast human pyramidal neurons associate with intelligence. <b>2018</b> , 7,	54
614	Attentional amplification of neural codes for number independent of other quantities along the dorsal visual stream. <b>2019</b> , 8,	29
613	Estimating and interpreting nonlinear receptive field of sensory neural responses with deep neural network models. <b>2020</b> , 9,	13
612	Assessing distinct patterns of cognitive aging using tissue-specific brain age prediction based on diffusion tensor imaging and brain morphometry. <b>2018</b> , 6, e5908	51
611	A comparison of automated atrophy measures across the frontotemporal dementia spectrum: Implications for trials. <b>2021</b> , 32, 102842	
610	Direct Reconstruction of Linear Parametric Images from Dynamic PET Using Nonlocal Deep Image Prior. <b>2021</b> , PP,	3
609	Age-related trends in the cortical sources of transient beta bursts during a sensorimotor task and rest. <b>2021</b> , 245, 118670	0
608	Alterations in the Occipital Cortex of Drug-Naïve Adults With Major Depressive Disorder: A Surface-Based Analysis of Surface Area and Cortical Thickness. <b>2021</b> , 18, 1025-1033	0
607	Baseline MRI atrophy predicts 2-year cognitive outcomes in early-onset Alzheimer's disease. <b>2021</b> , 1	0
606	Cross-scanner reproducibility and harmonization of a diffusion MRI structural brain network: A traveling subject study of multi-b acquisition. <b>2021</b> , 245, 118675	2
605	Altered functional connectivity in adolescent anorexia nervosa is related to age and cortical thickness. <b>2021</b> , 21, 490	0

- 604 Associations between cortical thickness and anxious/depressive symptoms differ by the quality of early care.. **2021**, 1-12 o
- 603 The memory trace of a stressful episode. **2021**, 31, 5204-5213.e8 o
- 602 Diffusion MRI Metrics and their Relation to Dementia Severity: Effects of Harmonization Approaches. o
- 601 Microstructural deficits in the thalamus of major depressive disorder.
- 600 Reliability of multi-modal MRI-derived brain phenotypes for multi-site assessment of neuropsychiatric complications of SARS-CoV-2 infection.
- 599 Cognitive Reserve Moderates the Efficiency of Prefrontal Cortex Activation Patterns of Gait in Older Adults. **2021**, 1
- 598 Prefrontal and frontostriatal structures mediate academic outcomes associated with ADHD symptoms. **2021**, 4, 100023
- 597 86a. Post-processing of the magnetic resonance imaging to better define structural abnormalities. **2008**, 804-810
- 596 Parcellation of the Auditory Cortex into LandmarkRelated Regions of Interest. **2009**, 631-638
- 595 Statistical analysis of structural brain connectivity. **2010**, 13, 101-8 2
- 594 Parcellation Schemes and Statistical Tests to Detect Active Regions on the Cortical Surface. **2010**, 565-572
- 593 Neuroradiologia e sclerosi multipla. **2011**, 33-56
- 592 Semiautomatic Segmentation of the Medial Temporal Lobe Anatomical Structures. **2011**, 33-40 o
- 591 Anatomical Brain Connectivity Map of Korean Children. **2011**, 15, 110 2
- 590 Neuroimaging in Multiple Sclerosis. **2013**, 43-64
- 589 Imaging Creativity. **2013**, 69-87
- 588 Clinical Magnetoencephalography and fMRI. **2013**, 299-310
- 587 Multimodal Neuroimaging to Visualize Human Visual Processing. **2013**, 274-282

- 586 Global Changes in the Connectome in Autism Spectrum Disorders. **2014**, 239-247 2
- 585 Long-range functional coupling predicts performance: oscillatory EEG networks in multisensory processing. 0
- 584 Mixed Effects Models for Resampled Network Statistics Improves Statistical Power to Find Differences in Multi-Subject Functional Connectivity.
- 583 Results: XTENS 2, A JSON-Compliant Repository. **2016**, 61-88
- 582 Mild Traumatic Brain Injury Outcome Prediction Based on Both Graph and K-nn Methods. **2016**, 271-281 0
- 581 Information-Theoretic Clustering of Neuroimaging Metrics Related to Cognitive Decline in the Elderly. **2016**, 13-23 2
- 580 Patterns of individual variation in visual pathway structure and function in the sighted and blind. 0
- 579 Ensemble coding of crowd emotion: Differential hemispheric and visual stream contributions. 0
- 578 Multiple-object tracking as a tool for parametrically modulating memory reactivation.
- 577 The human visual cortex response to melanopsin-directed stimulation is accompanied by a distinct perceptual experience.
- 576 Morphometric Similarity Networks Detect Microscale Cortical Organisation And Predict Inter-Individual Cognitive Variation. 4
- 575 Brain structural differences between 73- and 92-year olds matched for childhood intelligence, social background, and intracranial volume.
- 574 Brain structure mediates the association between height and cognitive ability.
- 573 Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality and Emotion. 7
- 572 Scale-specific analysis of fMRI data on the irregular cortical surface.
- 571 Elastic Registration of Single Subject Task Based fMRI Signals. **2018**, 11072, 154-162 2
- 570 A Patch-Based Segmentation Approach with High Level Representation of the Data for Cortical Sulci Recognition. **2018**, 114-121 1
- 569 Individual differences in functional brain connectivity predict temporal discounting preference in the transition to adolescence. 0

568	Analysis of functional connectivity and oscillatory power using DICS: from raw MEG data to group-level statistics in Python.	
567	[Cerebral structural characteristics in children with unilateral amblyopia: a MRI study]. <b>2018</b> , 118, 69-74	1
566	Modeling brain dynamics in brain tumor patients using The Virtual Brain.	4
565	Maturation Trajectories of Cortical Resting-State Networks Depend on the Mediating Frequency Band.	1
564	Excitability regulation in the dorsomedial prefrontal cortex during sustained instructed fear responses: a TMS-EEG study.	0
563	Automated connectivity-based cortical mapping using registration-constrained classification. <b>2018</b> ,	1
562	Improved Stability of Whole Brain Surface Parcellation with Multi-Atlas Segmentation. <b>2018</b> , 10574,	4
561	Large and fast human pyramidal neurons associate with intelligence.	1
560	Reward-related regions form a preferentially coupled system at rest.	
559	Assessing distinct patterns of cognitive aging using tissue-specific brain age prediction based on diffusion tensor imaging and brain morphometry.	1
558	Longitudinal increase in sleep problems is related to amyloid deposition in cortical regions with high HOMER1 gene expression.	
557	Grey matter biomarker identification in Schizophrenia: detecting regional alterations and their underlying substrates.	
556	Structural connectivity analysis using Finsler geometry.	
555	Concurrent EEG- and fMRI-derived functional connectomes exhibit linked dynamics.	0
554	A framework for evaluating correspondence between brain images using anatomical fiducials.	2
553	Surface-Based Tracking of U-Fibers in the Superficial White Matter. <b>2019</b> , 538-546	0
552	Study of the attention deficit and hyperactivity disorder using the method of functional tomography based on the magnetic encephalography data. <b>2019</b> , 1-24	
551	Multimodal Data Registration for Brain Structural Association Networks. <b>2019</b> , 11765, 373-381	1

- 550 Cortical Surface Parcellation using Spherical Convolutional Neural Networks. **2019**, 11766, 501-509 6
- 549 10Kin1day: A bottom-up neuroimaging initiative.
- 548 Cortical Thickness and Subcortical Volumes in Adolescent Synthetic Cannabinoid Users with or Without ADHD: a Preliminary Study. **2019**, 56, 167-172 1
- 547 Can SPHARM-Based Features from Automated or Manually Segmented Hippocampi Distinguish Between MCI and TLE?. **2019**, 465-476
- 546 Evaluating Invasive EEG Implantations in Medically Refractory Epilepsy with Functional Scalp EEG Recordings and Structural Imaging Data.
- 545 Parcellation of the cortex using Surface-based Melbourne Children's Regional Infant Brain atlases (M-CRIB-S). 0
- 544 Atypical developmental features of cortical thickness trajectories in Autism Spectrum Disorder.
- 543 Brain connectivity measures improve modeling of functional outcome after acute ischemic stroke.
- 542 Spectral tilt underlies mathematical problem solving. 0
- 541 Image processing approaches to enhance perivascular space visibility and quantification using MRI. 1
- 540 Cardiorespiratory fitness predicts greater hippocampal volume and rate of episodic associative learning in older adults.
- 539 Myelination of major white matter tracts continues beyond childhood—combining tractography and myelin water imaging. 1
- 538 supFunSim: spatial filtering toolbox for EEG.
- 537 Site-specific effects of online rTMS during a working memory task in healthy older adults.
- 536 Myelin development in visual scene-network tracts beyond late childhood: A multimethod neuroimaging study.
- 535 Stratifying major depressive disorder by polygenic risk for schizophrenia in relation to structural brain measures.
- 534 Metastable neural dynamics underlies cognitive performance across multiple behavioural paradigms.
- 533 Predicting dysfunctional age-related task activations from resting-state network alterations. 0

532	Posterior hippocampal spindle-ripples co-occur with neocortical theta-bursts and down-upstates, and phase-lock with parietal spindles during NREM sleep in humans.	0
531	Coordination of human hippocampal sharpwave-ripples during NREM sleep with cortical theta bursts, spindles, downstates and upstates.	0
530	Identifying a task-invariant cognitive reserve network using task potency.	
529	Computational modelling of the long-term effects of brain stimulation on the local and global structural connectivity of epileptic patients.	
528	Modeling brain dynamics after tumor resection using The Virtual Brain.	2
527	Putting the brain in a box: a toolbox for creating Cartesian Geometric Representations with Isometric Dimensions (Cgrids).	0
526	Dynamic Predictions: Oscillatory Mechanisms Underlying Multisensory Sequence Processing.	1
525	Detecting prodromal Alzheimer's disease with MRI through deep learning.	
524	Optimizing the Accuracy of Cortical Volumetric Analysis in Traumatic Brain Injury.	
523	Multi-timescale hybrid components of the functional brain connectome: A bimodal EEG-fMRI decomposition.	
522	Unmasking selective path integration deficits in Alzheimer's disease risk carriers.	0
521	Representation of Task Structure in Human Hippocampus and Orbitofrontal Cortex.	1
520	Pre- and post-target cortical processes predict speech-in-noise performance.	0
519	Bidirectional modulation of human emotional conflict resolution using intracranial stimulation.	3
518	Estimating brain age from structural MRI and MEG data: Insights from dimensionality reduction techniques.	
517	Study of Attention Deficit and Hyperactivity Disorder Using the Method of Functional Tomography Based On Magnetic Encephalography Data. 2019, 14, 517-532	1
516	Estimating and interpreting nonlinear receptive fields of sensory responses with deep neural network models.	1
515	Left frontal white matter links to rhythmic processing relevant to speech production.	0



- 514 Cerebra: Accurate registration and manual label correction of Mindboggle-101 atlas for MNI-ICBM152 template. 0
- 513 Grant Report on the Effects of Childhood Maltreatment on Neurocircuitry in Adolescent Depression. **2020**, 5, 1
- 512 Behavioral and neural decomposition of skull-induced death awareness.
- 511 Topographic Connectivity in a Duration Selective Cortico-Cerebellar Network.
- 510 Variability in error-based and reward-based human motor learning is associated with entorhinal volume. 1
- 509 Shape Deformation in the Brainstem of Medication-Naïve Female Patients with Major Depressive Disorder. **2020**, 17, 465-474 2
- 508 Clarifying the role of higher-level cortices in resolving perceptual ambiguity using Ultra High Field fMRI.
- 507 RAVE: comprehensive open-source software for reproducible analysis and visualization of intracranial EEG data. 1
- 506 Functional characterization of human Heschl's gyrus in response to natural speech.
- 505 Sleep-dependent offline performance gain in visual perceptual learning is consistent with a learning-dependent model. 1
- 504 Brain Anatomical Covariation Patterns Linked to Binge Drinking and Age at First Full Drink Prior to 21 Years.
- 503 Neuroinflammation, Depressive Affect, and Amyloid Burden in Alzheimer's Disease: Insights from the Kynurenine Pathway.
- 502 A comparative analysis of automated MRI brain segmentation in a large longitudinal dataset: Freesurfer vs. FSL. 0
- 501 Collegiate athlete brain data for white matter mapping and network neuroscience.
- 500 Combining Noninvasive Electromagnetic and Hemodynamic Measures of Human Brain Activity. **2021**, 179-193 1
- 499 Distinct cortical systems reinstate the content and context of episodic memories. 1
- 498 Evaluation of DISORDER: retrospective image motion correction for volumetric brain MRI in a pediatric setting.
- 497 Self-reported subjective cognitive decline is associated with global cognition in a community sample of Latinos/as/x living in the United States. **2021**, 1-14 0

496	Repeatable battery for the assessment of neuropsychological status and its relationship to biomarkers of Alzheimer's disease. <b>2021</b> , 1-17	2
495	Adapting the UK Biobank Brain Imaging Protocol and Analysis Pipeline for the C-MORE Multi-Organ Study of COVID-19 Survivors. <b>2021</b> , 12, 753284	2
494	The human dorsal hippocampal commissure: Delineating connections across the midline using multi-modal neuroimaging in major depressive disorder. <b>2021</b> , 1, 100062	1
493	Three major dimensions of human brain cortical ageing in relation to cognitive decline across the 8th decade of life.	2
492	The Combined Effect of APOE and BDNF Val66Met Polymorphisms on Spatial Navigation in Older Adults. <b>2020</b> , 78, 1473-1492	2
491	The Influence of Phenotyping Method on Structural Neuroimaging Associations with Depression in UK Biobank.	1
490	Cerebral cortical thickness and surface area in adolescent anorexia nervosa: Separate and joint analyses with a permutation-based nonparametric method. <b>2020</b> , 54, 561	1
489	An investigation of thalamic nuclei volumes and the intrinsic thalamic structural network based on motor subtype in drug naïve patients with Parkinson's disease. <b>2020</b> , 81, 165-172	1
488	Correlation of the Brain Compartments in the Attention Deficit and Hyperactivity Disorder Calculated by the Method of Virtual Electrodes from Magnetic Encephalography Data. <b>2020</b> , 15, 471-486	
487	White matter pathways underlying Chinese semantic and phonological fluency in mild cognitive impairment. <b>2020</b> , 149, 107671	1
486	Anatomically informed multi-level fiber tractography.	1
485	Advances and challenges in fMRI and DTI techniques. <b>2020</b> , 77-90	1
484	Diffusion MRI Fiber Tractography. <b>2020</b> , 1, 533-569	1
483	Decoding non-conscious thought representations during successful thought suppression.	
482	Cortical abnormalities and identification for first-episode schizophrenia via high-resolution magnetic resonance imaging.	
481	Faster than thought: Detecting sub-second activation sequences with sequential fMRI pattern analysis.	1
480	Human Variation in Error-Based and Reinforcement Motor Learning Is Associated With Entorhinal Volume.. <i>Cerebral Cortex</i> , <b>2021</b> ,	5.1 1
479	Automatic Landmark-guided Bijective Brain Image Registration by Composing Region-based Locally Diffeomorphic Warpings.	

- 478 Effects of polygenic risk for suicide attempt and risky behavior on brain structure in young people with familial risk of bipolar disorder. **2021**, 1
- 477 High  $\beta$  Activity in Cortex and Hippocampus Is Correlated with Autonomic Tone during Sleep. **2021**, 8, 0
- 476 Brain-behavior investigation of potential cognitive markers of Alzheimer's disease in middle age: a multi-modal imaging study. **2021**, 1 0
- 475 Neurobiology of Subtypes of Trichotillomania and Skin Picking Disorder. **2021**, 1-20
- 474 Musical skills can be decoded from magnetic resonance images.
- 473 Trigeminal neuralgia diffusivities using Gaussian process classification and merged group tractography. **2021**, 162, 361-371 0
- 472 Hearing loss is associated with gray matter differences in older adults at risk for and with Alzheimer's disease.
- 471 Repeatability of soma and neurite metrics in cortical and subcortical grey matter. 0
- 470 Neural silences can be localized rapidly using noninvasive scalp EEG.
- 469 A hybrid high-resolution anatomical MRI atlas with sub-parcellation of cortical gyri using resting fMRI. 1
- 468 Interacting effects of frontal lobe neuroanatomy and working memory capacity to older listeners' speech recognition in noise. 0
- 467 Improved cortical surface reconstruction using sub-millimeter resolution MPRAGE by image denoising.
- 466 Cognitive insights from evolutionarily new brain structures in prefrontal cortex. 1
- 465 Joint-Label Fusion Brain Atlases for Dementia Research in Down Syndrome.
- 464 Atrophy-centered subtyping of mild cognitive impairment.
- 463  $^{18}\text{F}$ -AV-1451 positron emission tomography in neuropathological substrates of corticobasal syndrome. **2021**, 144, 266-277 1
- 462 Predicting Mental Decline Rates in Mild Cognitive Impairment From Baseline MRI Volumetric Data. **2021**, 35, 1-7 1
- 461 Structural Characteristics of the Thalamocortical System and  $\beta$ -Rhythm in Mentally Healthy Subjects and Schizophrenic Patients. **2020**, 46, 627-635

460	Method for combining information from white matter fiber tracking and gray matter parcellation. <b>2004</b> , 25, 1318-24	28
459	Structural neuroimaging in the detection and prognosis of pre-clinical and early AD. <b>2009</b> , 21, 3-12	21
458	Structural and connectomic neuroimaging for the personalized study of longitudinal alterations in cortical shape, thickness and connectivity after traumatic brain injury. <b>2014</b> , 58, 129-44	22
457	Multimodal Registration of White Matter Brain Data via Optimal Mass Transport. <b>2008</b> , 2008, 27-35	
456	Racial Variation in the Association between Childhood Depression and Frontal Pole Volume among American Children. <b>2020</b> , 5, 121-140	
455	Surface-based Tracking of U-fibers in the Superficial White Matter. <b>2019</b> , 11766, 538-546	
454	Regional Gray Matter Volume Related to High Occupational Stress in Firefighters.. <b>2021</b> , 36, e335	1
453	Altered structural brain networks in linguistic variants of frontotemporal dementia. <b>2021</b> , 1	0
452	Effects of laser interstitial thermal therapy for mesial temporal lobe epilepsy on the structural connectome and its relationship to seizure freedom. <b>2021</b> ,	1
451	Self-awareness for financial decision making abilities is linked to right temporal cortical thickness in older adults. <b>2021</b> , 1	3
450	A translational exploration of the effects of variants on altered cortical structures in autism spectrum disorder. <b>2021</b> , 46, E647-E658	1
449	Trajectory of rich club properties in structural brain networks.	
448	A functional proportional hazard cure rate model for interval-censored data. <b>2021</b> , 9622802211052972	1
447	Cerebral Structural Abnormalities and Their Associations With Peripheral Cytokine Levels in a Group of Untreated Patients With Nasopharyngeal Carcinoma.. <b>2021</b> , 11, 740033	
446	Structural MRI-Based Measures of Accelerated Brain Aging do not Moderate the Acute Antidepressant Response in Late-Life Depression.. <b>2021</b> ,	0
445	In vivo myelin imaging and tissue microstructure in white matter hyperintensities and perilesional white matter.	0
444	Network-wise surface-based morphometric insight into the cortical neural circuitry underlying irritability in adolescents. <b>2021</b> , 11, 581	
443	White Matter Association Tracts Underlying Language and Theory of Mind: An Investigation of 809 Brains from the Human Connectome Project. <b>2021</b> , 246, 118739	4

442	Phase-dependent local brain states determine the impact of image-guided TMS on motor network EEG synchronization. <b>2021</b> ,	1
441	Affinity Scores: An Individual-centric Fingerprinting Framework for Neuropsychiatric Disorders.	
440	The hippocampus and orbitofrontal cortex jointly represent task structure during memory-guided decision making. <b>2021</b> , 37, 110065	1
439	An extended Human Connectome Project multimodal parcellation atlas of the human cortex and subcortical areas. <b>2021</b> , 1	7
438	Testing the consequences of alcohol, cannabis, and nicotine use on hippocampal volume: a quasi-experimental cotwin control analysis of young adult twins. 1-11	
437	The diversity and multiplexity of edge communities within and between brain systems. <b>2021</b> , 37, 110032	4
436	Mapping cortico-subcortical sensitivity to 4 Hz amplitude modulation depth in human auditory system with functional MRI. <b>2021</b> , 118745	
435	Multi-resolution 3D-HOG feature learning method for Alzheimer's Disease diagnosis.. <b>2021</b> , 214, 106574	1
434	Relationship between the Somatosensory Cortex Morphology, Cutaneous Allodynia, and Clinical Features of Patients with Migraine. <b>2021</b> , 11, 11358	
433	Morphometry and functional connectivity of auditory cortex in school-age children with profound language disabilities: Five comparative case studies. <b>2021</b> , 155, 105822	
432	Structural connectivity-based segmentation of the human entorhinal cortex. <b>2021</b> , 245, 118723	2
431	Contributions of chronic tobacco smoking to HIV-associated brain atrophy and cognitive deficits. <b>2021</b> ,	0
430	Multimodal Registration of White Matter Brain Data via Optimal Mass Transport. <b>2008</b> ,	
429	Potential structural trait markers of depression in the form of alterations in the structures of subcortical nuclei and structural covariance network properties. <b>2021</b> , 32, 102871	3
428	Hippocampal Volume, Neurite Density and Trace Eye-Blink Conditioning in Young Children.	
427	Mechanical Affective Touch Therapy for Anxiety Disorders: Effects on Resting State Functional Connectivity.. <b>2022</b> ,	1
426	Aging-Related Changes in Cortical Sources of Sleep Oscillatory Neural Activity Following Motor Learning Reflect Contributions of Cortical Thickness and Pre-sleep Functional Activity.. <b>2021</b> , 13, 787654	0
425	Neural Correlates of Traumatic Brain Injury in Women Survivors of Intimate Partner Violence: A Structural and Functional Connectivity Neuroimaging Study.. <b>2022</b> , 37, E30-E38	4

- 424 Intelligibility of audiovisual sentences drives multivoxel response patterns in human superior temporal cortex.. **2021**, 247, 118796
- 423 Ongoing neural oscillations influence behavior and sensory representations by suppressing neuronal excitability. **2021**, 247, 118746 2
- 422 Extracting Explainable Assessments of Alzheimer's disease via Machine Learning on brain MRI imaging data. **2020**, 3
- 421 Racial Variation in the Association between Childhood Depression and Frontal Pole Volume among American Children. **2020**, 5, p121
- 420 Tractography-Based Surgical Targeting for Thalamic Deep Brain Stimulation: A Comparison of Probabilistic vs Deterministic Fiber Tracking of the Dentato-Rubro-Thalamic Tract.. **2022**, 90, 0
- 419 Memory Binding Test and Its Associations With Hippocampal Volume Across the Cognitive Continuum Preceding Dementia.. **2022**, 10731911211069676 1
- 418 Sleep-dependent facilitation of visual perceptual learning is consistent with a learning-dependent model.. **2022**, 0
- 417 Kidney function, brain morphology and cognition in the elderly: sex differences in the Austrian Stroke Prevention Study.. **2022**, 14, 240-252
- 416 Heart rate and heart rate variability in patients with chronic inflammatory joint disease: the role of pain duration and the insular cortex.. **2022**, 23, 75 1
- 415 A speech planning network for interactive language use.. **2022**, 2
- 414 Adverse childhood experiences predict neurite density differences in young children with and without attention deficit hyperactivity disorder.. **2022**, 64, e22234 0
- 413 Increased insula activity precedes the formation of subjective Gestalt.
- 412 Pre- and Post-therapy Risk Factors for Vasculopathy in Pediatric Craniopharyngioma Patients Treated with Surgery and Proton Radiotherapy.. **2022**, 0
- 411 Structural changes to primary visual cortex in the congenital absence of cone input in achromatopsia.. **2021**, 33, 102925 1
- 410 Impact of meningeal uptake and partial volume correction techniques on [F]MK-6240 binding in aMCI patients and healthy controls.. **2022**, 271678X221076023 0
- 409 Common functional connectivity alterations in focal epilepsies identified by machine learning.. **2022**, 2
- 408 APOEε4 Allele Moderates the Association Between Basal Forebrain Nuclei Volumes and Allocentric Navigation in Older Adults Without Dementia.. **2022**,
- 407 Anatomically constrained squeeze-and-excitation graph attention network for cortical surface parcellation. **2021**, 140, 105113 1

406	Soluble TAM receptors sAXL and sTyro3 predict structural and functional protection in Alzheimer's disease.. <b>2021</b> ,	2
405	Effects of Framingham 10-year cardiovascular risk score and viral load on brain integrity in persons with HIV.. <b>2022</b> , 90,	0
404	Multiscale structural mapping of Alzheimer's disease neurodegeneration.. <b>2022</b> , 33, 102948	0
403	Predicting biomarkers in intact older adults and those with amnesic Mild Cognitive Impairment, and mild Alzheimer's Disease using the Repeatable Battery for the Assessment of Neuropsychological Status.. <b>2022</b> , 1-18	2
402	Neuroanatomical Correlates of Perceived Stress Controllability in Adolescents and Emerging Adults.. <b>2022</b> , 1	0
401	A Comparison of Three Brain Atlases for Temporal Lobe Epilepsy Prediction. <b>2022</b> , 42, 11	
400	Altered Resting-State Networks in Adolescent Non-Suicidal Self-Injury - A Graph Theory Analysis.. <b>2022</b> ,	0
399	Resting state fMRI connectivity is sensitive to laminar connectional architecture in the human brain.. <b>2022</b> , 9, 2	0
398	Structural brain connectivity correlates with outcome in mild traumatic brain injury.. <b>2022</b> ,	1
397	Vascular Mapping of the Human Hippocampus Using Ferumoxytol-Enhanced MRI.. <b>2022</b> , 250, 118957	0
396	Statistical learning of successor representations is related to on-task replay.	1
395	Attention Performance Correlated With White Matter Structural Brain Networks in Shift Work Disorder.. <b>2021</b> , 12, 802830	0
394	The associations between area-level residential instability and gray matter volumes from the North American Prodrome Longitudinal Study (NAPLS) consortium.. <b>2022</b> , 241, 1-9	0
393	Cortico-Cognition Coupling in Treatment Resistant Schizophrenia.	
392	Periodic/Aperiodic Parameterization of Transient Oscillations (PAPTO): Implications for Healthy Ageing.. <b>2022</b> , 251, 118974	4
391	A parvocellular-magnocellular functional gradient in human visual cortex.	
390	Sulcal morphology as cognitive decline predictor in older adults with memory complaints.. <b>2022</b> , 113, 84-94	
389	Groupitizing modifies neural coding of numerosity. <b>2021</b> ,	3

- 388 Subtyping of mild cognitive impairment using a deep learning model based on brain atrophy patterns.. **2021**, 2, 100467 1
- 387 Deformation-based morphometry identifies deep brain structures protected by ocrelizumab.. **2022**, 34, 102959
- 386 Emotion Down-Regulation Targets Interoceptive Brain Regions While Emotion Up-Regulation Targets Other Affective Brain Regions.. **2022**, 1
- 385 Longitudinal grey matter development associated with psychotic experiences in young people. **2022**,
- 384 Interaction of childhood abuse and depressive symptoms on cortical thickness: a general population study.. **2022**, 1
- 383 Machine learning classification of schizophrenia patients and healthy controls using diverse neuroanatomical markers and Ensemble methods.. **2022**, 12, 2755 1
- 382 Deep rTMS of the insula and prefrontal cortex in smokers with schizophrenia: Proof-of-concept study.. **2022**, 8, 6 0
- 381 Association between amyloid-beta deposition and cortical thickness in dementia with Lewy bodies.. **2022**, 48674221081773
- 380 Assessing the Reliability of Template-Based Clustering for Tractography in Healthy Human Adults.. **2022**, 16, 777853
- 379 The canonical pattern of Alzheimer's disease atrophy is linked to white matter hyperintensities in normal controls, differently in normal controls compared to in AD.. **2022**, 0
- 378 Flattened Structural Network Changes and Association of Hyperconnectivity With Symptom Severity in 2-7-Year-Old Children With Autism.. **2021**, 15, 757838
- 377 A deep learning MRI approach outperforms other biomarkers of prodromal Alzheimer's disease.. **2022**, 14, 45 3
- 376 The hidden community architecture of human brain networks.. **2022**, 12, 3540
- 375 The impact of levamisole and alcohol on white matter microstructure in adult chronic cocaine users.. **2022**, 27, e13149 0
- 374 Three-Dimensional Digital Reconstruction of the Cerebellar Cortex: Lobule Thickness, Surface Area Measurements, and Layer Architecture.. **2022**, 1 0
- 373 Gray-Matter Morphometry of Internalizing-Symptom Dimensions During Adolescence. 216770262110710 0
- 372 Fast cortical surface reconstruction from MRI using deep learning.. **2022**, 9, 6
- 371 Inferring excitation-inhibition dynamics using a maximum entropy model unifying brain structure and function. 1-25 0



370	Visual Tract Degradation in Bilateral Normal-Tension Glaucoma-Cortical Thickness Maps and Volumetric Study of Visual Pathway Areas.. <b>2022</b> , 11,			0
369	Reduced cortical volume of the default mode network in adolescents with generalized anxiety disorder.. <b>2022</b> ,			0
368	Midsagittal corpus callosal thickness and cognitive impairment in Parkinson's disease.. <b>2022</b> ,			0
367	Identifying Changes of Brain Regional Homogeneity and Cingulo-Opercular Network Connectivity in First-Episode, Drug-Naïve Depressive Patients With Suicidal Ideation.. <b>2022</b> , 16, 856366			0
366	EFFECTS OF HIV INFECTION AND FORMER COCAINE DEPENDENCE ON NEUROANATOMICAL MEASURES AND NEUROCOGNITIVE PERFORMANCE.			
365	Disrupted default mode network and executive control network are associated with depression severity on structural network.. <b>2022</b> , 33, 227-235			0
364	Structural architecture and brain network efficiency links polygenic scores to intelligence.			0
363	Mapping the subcortical connectome using in vivo diffusion MRI: feasibility and reliability.			
362	Daily-Life Physical Activity of Healthy Young Adults Associates With Function and Structure of the Hippocampus.. <b>2022</b> , 16, 790359			0
361	Synergistic Role of Quantitative Diffusion Magnetic Resonance Imaging and Structural Magnetic Resonance Imaging in Predicting Outcomes After Traumatic Brain Injury.. <b>2022</b> , 46, 236-243			
360	Higher white matter hyperintensity load adversely affects pre-post proximal cognitive training performance in healthy older adults.. <b>2022</b> , 1			
359	Low Subicular Volume as an Indicator of Dementia-Risk Susceptibility in Old Age.. <b>2022</b> , 14, 811146			1
358	Decreased CSF clearance and increased brain amyloid in Alzheimer's disease.. <b>2022</b> , 19, 21			4
357	Episodic Memory Performance Modifies the Strength of the Age-Brain Structure Relationship.. <b>2022</b> , 19,			
356	Distinct neurocognitive mechanisms underlying learning and representations of symbols of life and death.. <i>Cerebral Cortex</i> , <b>2022</b> ,	5.1		1
355	Emotional prosody recognition is impaired in Alzheimer's disease.. <b>2022</b> , 14, 50			0
354	Connectivity-based Cortical Parcellation via Contrastive Learning on Spatial-Graph Convolution. <b>2022</b> , 2022, 1-11			
353	Structural brain characteristics and gene co-expression analysis: a study with outcome label from normal cognition to mild cognitive impairment.. <b>2022</b> , 107620			

- 352 Quantitative Structural Brain Magnetic Resonance Imaging Analyses: Methodological Overview and Application to Rett Syndrome.. **2022**, 16, 835964 0
- 351 A hybrid high-resolution anatomical MRI atlas with sub-parcellation of cortical gyri using resting fMRI.. **2022**, 109566 1
- 350 Adaptive Data-driven Motion Detection and Optimized Correction for Brain PET.. **2022**, 119031 0
- 349 An interpretable radiomics model for the diagnosis of panic disorder with or without agoraphobia using magnetic resonance imaging.. **2022**, 0
- 348 Environmental noise, brain structure, and language development in children.. **2022**, 229, 105112 1
- 347 Test-retest reliability of FreeSurfer-derived volume, area and cortical thickness from MPRAGE and MP2RAGE brain MRI images. **2022**, 2, 100086 0
- 346 Associations between cognitive impairment and cortical thickness alterations in patients with euthymic and depressive bipolar disorder.. **2022**, 322, 111462
- 345 Transcranial Magnetic Stimulation of Prefrontal Cortex Alters Functional Brain Network Architecture: Graph Theoretical Analysis. **2021**,
- 344 Diffusion MRI metrics and their relation to dementia severity: effects of harmonization approaches. **2021**, 0
- 343 Effects of unhealthy alcohol use on brain morphometry and neurocognitive function among people with HIV. **2021**, 0
- 342 Associations Between MRI-Assessed Locus Coeruleus Integrity and Cortical Gray Matter Microstructure.. *Cerebral Cortex*, **2021**, 5.1 0
- 341 Learning Cortical Parcellations Using Graph Neural Networks.. **2021**, 15, 797500 1
- 340 Thalamic Dorsomedial Nucleus Free Water Correlates with Cognitive Decline in Parkinson's Disease.. **2021**, 0
- 339 The roles of executive functioning, simple attention, and medial temporal lobes in early learning, late learning, and delayed recall.. **2021**, 1-18 1
- 338 Cascade process mediated by left hippocampus and left superior frontal gyrus affects relationship between aging and cognitive dysfunction. **2021**, 22, 75 0
- 337 Using diffusion MRI data acquired with ultra-high gradient strength to improve tractography in routine-quality data. **2021**, 245, 118706 2
- 336 SPHARM-Net: Spherical Harmonics-based Convolution for Cortical Parcellation.. **2022**, PP,
- 335 Common micro- and macroscale principles of connectivity in the human brain.. **2022**, 0

- 334 Propofol disrupts alpha dynamics in distinct thalamocortical networks underlying sensory and cognitive function during loss of consciousness. o
- 333 Structural neuroimaging measures and lifetime depression across levels of phenotyping in UK biobank.. **2022**, 12, 157 1
- 332 Mathematical Abilities in School-Aged Children: A Structural Magnetic Resonance Imaging Analysis With Radiomics.. **2022**, 16, 819069
- 331 Local structure-function relationships in human brain networks across the lifespan.. **2022**, 13, 2053 1
- 330 Brain atrophy patterns in multiple sclerosis patients treated with natalizumab and its clinical correlates.. **2022**, e2573
- 329 Development of the Mentalizing Network Structures and Theory of Mind in Extremely Preterm Youth.. **2022**, o
- 328 Accelerated longitudinal cortical atrophy in OEF/OIF/OND veterans with severe PTSD and the impact of comorbid TBI.. **2022**, o
- 327 Quantitative MRI maps of human neocortex explored using cell type-specific gene expression analysis.
- 326 Landmark-guided region-based spatial normalization for functional magnetic resonance imaging.. **2022**, o
- 325 Data\_Sheet\_1.docx. **2020**,
- 324 Presentation\_1.PDF. **2018**,
- 323 Table1.pdf. **2018**,
- 322 Table2.pdf. **2018**,
- 321 Data\_Sheet\_1.PDF. **2020**,
- 320 Data\_Sheet\_2.pdf. **2020**,
- 319 Image\_1.TIFF. **2019**,
- 318 Image\_2.TIF. **2019**,
- 317 Table\_1.xlsx. **2019**,

316 Table\_2.xlsx. **2019**,

315 Table\_3.xlsx. **2019**,

314 Table\_4.xlsx. **2019**,

313 Table\_5.xlsx. **2019**,

312 Table\_6.xlsx. **2019**,

311 Table\_7.xlsx. **2019**,

310 Data\_Sheet\_1.PDF. **2019**,

309 Data\_Sheet\_1.DOCX. **2018**,

308 Table\_1.DOCX. **2018**,

307 Data\_Sheet\_1.docx. **2018**,

306 Table\_1.DOCX. **2020**,

305 Image\_1.TIF. **2018**,

304 Image\_2.TIF. **2018**,

303 Image\_3.TIF. **2018**,

302 Data\_Sheet\_1.docx. **2019**,

301 Presentation\_1.PPTX. **2019**,

300 Table\_1.XLSX. **2019**,

299 Table\_1.docx. **2020**,

298 Data\_Sheet\_1.pdf. **2020**,

297 Data\_Sheet\_1.PDF. **2020**,

296 Table\_1.docx. **2020**,

295 Table\_2.docx. **2020**,

294 Table\_3.docx. **2020**,

293 Table\_4.docx. **2020**,

292 Data\_Sheet\_1.PDF. **2019**,

291 Data\_Sheet\_1.docx. **2018**,

290 Data\_Sheet\_1.pdf. **2020**,

289 Image\_1.TIFF. **2020**,

288 Image\_2.TIF. **2020**,

287 Data\_Sheet\_1.PDF. **2019**,

286 Table\_1.DOCX. **2020**,

285 Data\_Sheet\_1.docx. **2020**,

284 Data\_Sheet\_1.PDF. **2020**,

283 Table\_1.DOC. **2020**,

282 Presentation1.PDF. **2018**,

281 DataSheet\_1.docx. **2020**,

280 Data\_Sheet\_1.docx. **2019**,

279 DataSheet\_1.docx. **2020**,

278 DataSheet\_1.docx. **2020**,

277 Image\_1.pdf. **2020**,

276 Image\_2.pdf. **2020**,

275 Image\_3.pdf. **2020**,

274 Image\_4.png. **2020**,

273 Table\_1.pdf. **2020**,

272 Table\_2.pdf. **2020**,

271 Video\_1.avi. **2020**,

270 Video\_2.avi. **2020**,

269 Subjective cognitive decline and stage 2 of Alzheimer disease in patients from memory centers.. **2022**,

2

268 Evaluating brain parcellations using the distance-controlled boundary coefficient.. **2022**,

1

267 Cortical thickness of primary motor and vestibular brain regions predicts recovery from fall and balance directly after spaceflight.. **2022**, 1

0

266 Network analysis in Gamma Knife capsulotomy for intractable obsessive-compulsive disorder. **2022**, 2, 100892

265 Gyrus rectus asymmetry predicts trait alexithymia, cognitive empathy, and social function in neurotypical adults.. *Cerebral Cortex*, **2022**,

5.1

264 Self-Forgiveness is Associated with Volume Increase of Fusiform Gyrus in Healthy Individuals.

263 Neural Mechanisms of Facial Emotion Recognition in Autism: Distinct Roles for Anterior Cingulate and dlPFC.. **2022**, 1-21

0

262 Impact of HIV and recreational drugs on cognitive functions in young men having sex with men.

261 Advanced Brain-Age in Psychotic Psychopathology: Evidence for Transdiagnostic Neurodevelopmental Origins.. **2022**, 14, 872867

o

260 Mediators of Cognitive Impairment in Cerebral Amyloid Angiopathy.. **2022**, 17474930221099352

o

259 A Transformer-based Multi-features Fusion Model for Prediction of Conversion in Mild Cognitive Impairment.. **2022**,

1

258 The Solitary Nucleus Connectivity to Key Autonomic Regions in Humans MRI and Literature based Considerations.. **2022**,

o

257 Increased insula activity precedes the formation of subjective illusory Gestalt.. **2022**, 119289

o

256 Data-Driven Analyses of Longitudinal Hippocampal Imaging Trajectories: Discrimination and Biomarker Prediction of Change Classes.. **2022**,

255 Characterizing ketamine-induced dissociation using human intracranial neurophysiology: brain dynamics, network activity, and interactions with propofol.

254 Probabilistic Tracking of U-fibers on the Superficial White Matter Surface.

253 Association between startle reactivity to uncertain threats and structural brain volume.. **2022**, e14074

252 Autosomal dominant and sporadic late onset Alzheimer disease share a common in vivo pathophysiology.. **2022**,

o

251 Explaining the association between social and lifestyle factors and cognitive functions: a pathway analysis in the Memento cohort.. **2022**, 14, 68

250 Joint-label fusion brain atlases for dementia research in Down syndrome. **2022**, 14,

249 Lithium Affects Cortical and Subcortical Volume in Bipolar Depressed Patients. **2022**, 111494

o

248 Cingulate and hippocampal subregion abnormalities in combat exposed veterans with PTSD. **2022**,

o

247 Focal thalamocortical circuit abnormalities in sleep related epilepsy caused by focal cortical dysplasia type II. **2022**,

246 Cohesive parcellation of the human brain using resting-state fMRI. **2022**, 377, 109629

245 3D Convolutional Neural Networks with Hybrid Attention Mechanism for Early Diagnosis of Alzheimer's Disease.

- 244 Association of DNA Methylation of the NLRP3 Gene with Changes in Cortical Thickness in Major Depressive Disorder. **2022**, 23, 5768
- 243 Trajectory of rich club properties in structural brain networks. 1
- 242 Reduced macular vessel density and inner retinal thickness correlate with the severity of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). **2022**, 17, e0268572 1
- 241 Brain Structure in Acutely Underweight and Partially Weight-Restored Individuals with Anorexia Nervosa - A Coordinated Analysis by the ENIGMA Eating Disorders Working Group. **2022**, 0
- 240 Cortico-cognition Coupling in Treatment Resistant Schizophrenia. **2022**, 103064
- 239 Exploring the ATN classification system using Brain Morphology.
- 238 Evaluating reproducibility and subject-specificity of microstructure-informed connectivity. **2022**, 119356 1
- 237 Preserved cognition in elderly with intact rhinal cortex.
- 236 Individual Differences in Hemispheric Emotional Valence by Computerized Test Correlate with Lateralized Differences in Nucleus Accumbens, Hippocampal and Amygdala Volumes. Volume 15, 1371-1384 0
- 235 Different Profiles of Spatial Navigation Deficits In Alzheimer's Disease Biomarker-Positive Versus Biomarker-Negative Older Adults With Amnesic Mild Cognitive Impairment. 14, 2
- 234 Combining MRI and cognitive evaluation to classify concussion in university athletes.
- 233 In vivo myelin imaging and tissue microstructure in white matter hyperintensities and perilesional white matter. **2022**, 4, 1
- 232 A Novel Approach to Estimating the Cortical Sources of Sleep Spindles Using Simultaneous EEG/MEG. 13,
- 231 Age-Specific Activation Patterns and Inter-Subject Similarity During Verbal Working Memory Maintenance and Cognitive Reserve. 13,
- 230 Genetic and environmental influences on structural- and diffusion-based Alzheimer's disease neuroimaging signatures across midlife and early old age. **2022**,
- 229 Reexperiencing and anxious arousal symptoms in relation to volumes of thalamus nuclei in posttraumatic stress spectrum adults. 0
- 228 Anticipatory influences on simple sensory-motor behaviors are encoded by rapidly fluctuating neural dynamics across the human brain.
- 227 Brain aerobic glycolysis and resilience in Alzheimer disease. 0



- 226 Alzheimer's Disease with Epileptiform EEG Activity: Abnormal Cortical Sources of Resting State Delta Rhythms in Patients with Amnesic Mild Cognitive Impairment. **2022**, 1-29 0
- 225 Whole-brain dynamical modeling for classification of Parkinson's disease.
- 224 Changes in Volume of Subregions Within Basal Ganglia in Obsessive Compulsive Disorder: A Study With Atlas-Based and VBM Methods. 16,
- 223 Associations between prenatal alcohol and tobacco exposure and cortical and subcortical brain measures in South African children: a pilot study. 0
- 222 A predictive model using the mesoscopic architecture of the living brain to detect Alzheimer's disease. **2022**, 2, 1
- 221 Cortical dynamics following real-time MEG neurofeedback training of the speed of shifting spatial attention: a pilot study.
- 220 Functional Significance of Human Resting-State Networks Hubs Identified Using MEG During the Transition From Childhood to Adulthood. 13,
- 219 Gray matter cortical thickness predicts individual pain sensitivity: a multi-center machine learning approach.
- 218 Lateralization of orthographic processing in fixed-gaze and natural reading conditions. 0
- 217 Phonological Working Memory Representations in the Left Inferior Parietal Lobe in the Face of Distraction and Neural Stimulation. 16,
- 216 Probing Multiple Algorithms to Calculate Brain Age: Examining Reliability, Relations with Demographics, and Predictive Power.
- 215 Virtual navigation in healthy aging: Activation during learning and deactivation during retrieval predicts successful memory for spatial locations. **2022**, 173, 108298
- 214 Structural connectome-based prediction of trait anxiety.
- 213 White matter hyperintensities are a prominent feature of autosomal dominant Alzheimer's disease that emerge prior to dementia. **2022**, 14, 0
- 212 Verbal Encoding Deficits Impact Recognition Memory in Atypical Non-Amnesic Alzheimer's Disease. **2022**, 12, 843 1
- 211 The Association Between Neighborhood Poverty and Hippocampal Volume Among Individuals at Clinical High-Risk for Psychosis: The Moderating Role of Social Engagement. 1
- 210 Contribution of Brain Cortical Features to the Psychological Risk Profile of Juvenile Offenders. **2022**, 14, 93-103 0
- 209 Hippocampal and motor regions contribute to memory benefits after enacted encoding: cross-sectional and longitudinal evidence. *Cerebral Cortex*, 5.1

- 208 Evidence suggesting common mechanisms underlie contralateral and ipsilateral negative BOLD responses in human visual cortex. **2022**, 119440
- 207 White matter microstructural abnormality precedes cortical volumetric decline in Alzheimer's disease: evidence from data-driven disease progression modelling. 0
- 206 The rostral zona incerta: a subcortical integrative hub and potential DBS target for OCD.
- 205 Reproducibility of neuroimaging studies of brain disorders with hundreds -not thousands- of participants. 0
- 204 Pilot Study of Real-World Monitoring of the Heart Rate Variability in Amyotrophic Lateral Sclerosis. 5, 0
- 203 Racial outgroup favoritism in neural responses to others' pain emerges during sociocultural interactions. **2022**, 174, 108321
- 202 Brain age and cognitive functioning in first-episode bipolar disorder. 1-9
- 201 Longitudinal Intraindividual Cognitive Variability Is Associated With Reduction in Regional Cerebral Blood Flow Among Alzheimer's Disease Biomarker-Positive Older Adults. 14, 1
- 200 Alterations in the structure and function of the brain in adolescents with new daily persistent headache: A pilot MRI study. 2
- 199 Robust Enhancement of Motor Sequence Learning with 4mA Transcranial Electric Stimulation.
- 198 Critical roles for breathing in the genesis and modulation of emotional states. **2022**, 151-178
- 197 Neural responses in human superior temporal cortex support coding of voice representations. **2022**, 20, e3001675 0
- 196 DeepPVC: prediction of a partial volume-corrected map for brain positron emission tomography studies via a deep convolutional neural network. **2022**, 9,
- 195 A hierarchical anatomical framework and workflow for organizing stereotactic encephalography in epilepsy.
- 194 Long-term test-retest of cerebral [18F]MK-6240 binding and longitudinal evaluation of extracerebral tracer uptake in healthy controls and amnesic MCI patients.
- 193 Anatomically informed multi-level fiber tractography for targeted virtual dissection. 0
- 192 Evaluation of tau deposition using 18F-PI-2620 PET in MCI and early AD subjects's MissionAD tau sub-study. **2022**, 14, 0
- 191 Effects of Human Immunodeficiency Virus Infection and Former Cocaine Dependence on Neuroanatomical Measures and Neurocognitive Performance. **2022**,

- 190 Heritability of R2\* iron in the basal ganglia and cortex.
- 189 Affinity scores: An individual-centric fingerprinting framework for neuropsychiatric disorders. **2022**, 12, 118633
- 188 Interaction of bottom-up and top-down neural mechanisms in spatial multi-talker speech perception. **2022**, 12, 118634 O
- 187 Sex differences in early-onset Alzheimer's disease. O
- 186 Cortical depth profiles of auditory and visual 7 T functional MRI responses in human superior temporal areas.
- 185 Musical Activity During Life Is Associated With Multi-Domain Cognitive and Brain Benefits in Older Adults. 13, 118635 O
- 184 Intergenerational concordance of brain structure between depressed mothers and their never-depressed daughters.
- 183 Alcohol use disorder-associated structural and functional characteristics of the insula.
- 182 Only Words Count; the Rest Is Mere Chattering: A Cross-Disciplinary Approach to the Verbal Expression of Emotional Experience. **2022**, 12, 292 1
- 181 Alzheimer's disease classification based on graph kernel SVMs constructed with 3D texture features extracted from MR images. **2022**, 118633 2
- 180 The organization of individually mapped structural and functional semantic networks in aging adults. **2022**, 227, 2513-2527 O
- 179 Splitting of the magnetic encephalogram into «brain» and «non-brain» physiological signals based on the joint analysis of frequency-pattern functional tomograms and magnetic resonance images. 16, 118636
- 178 Internal states as a source of subject-dependent movement variability and their representation by large-scale networks.
- 177 Imaging the human brain on oral contraceptives: A review of structural imaging methods and implications for future research goals. **2022**, 67, 101031 O
- 176 The association of sleep and cortical thickness in mild cognitive impairment. **2022**, 167, 111923
- 175 Mapping the subcortical connectome using in vivo diffusion MRI: Feasibility and reliability. **2022**, 262, 119553 O
- 174 Negative symptoms correlate with altered brain structural asymmetry in amygdala and superior temporal region in schizophrenia patients. 13, 118637 O
- 173 The genetics of cortical organisation and development: a study of 2,347 neuroimaging phenotypes. O

- 172 Racial discrimination associates with lower cingulate cortex thickness in trauma-exposed black women. ○
- 171 Heart rate variability (HRV) changes and cortical volume changes in a randomized trial of five weeks of daily HRV biofeedback in younger and older adults. **2022**, 181, 50-63 ○
- 170 Bundle-o-graphy: improving structural connectivity estimation with adaptive microstructure-informed tractography. **2022**, 263, 119600 ○
- 169 OpenBHB: a Large-Scale Multi-Site Brain MRI Data-set for Age Prediction and Debiasing. **2022**, 263, 119637 ○
- 168 Generalization of cortical MOSTest genome-wide associations within and across samples. **2022**, 263, 119632 ○
- 167 High-resolution atlas and segmentation of the subcortex: Review and perspective on challenges and opportunities created by machine learning. **2022**, 263, 119616 ○
- 166 Estradiol variability is associated with brain structure in early adolescent females. **2022**, 146, 105943 ○
- 165 Functional random effects modeling of brain shape and connectivity. **2022**, 16, ○
- 164 Supervised Deep Learning for Head Motion Correction in PET. **2022**, 194-203 ○
- 163 Predicting Brain Multigraph Population from a Single Graph Template for Boosting One-Shot Classification. **2022**, 191-202 ○
- 162 Dual-HINet: Dual Hierarchical Integration Network of Multigraphs for Connectional Brain Template Learning. **2022**, 305-314 ○
- 161 Impact of hyperactive neuropsychiatric symptoms on brain morphology in mild cognitive impairment and Alzheimer's disease. ○
- 160 Cortical ripples during NREM sleep and waking in humans. JN-RM-0742-22 ○
- 159 In vivo molecular imaging of the neuroinflammatory response to peripheral acute bacterial infection in older patients with cognitive dysfunction: A cross-sectional controlled study. 14, ○
- 158 Lateralization of orthographic processing in fixed-gaze and natural reading conditions. **2022**, ○
- 157 Unsupervised high-frequency smartphone-based cognitive assessments are reliable, valid, and feasible in older adults at risk for Alzheimer's disease. 1-13 ○
- 156 A cross-species study of sex chromosome dosage effects on mammalian brain anatomy. ○
- 155 Reliability of multi-site UK Biobank MRI brain phenotypes for the assessment of neuropsychiatric complications of SARS-CoV-2 infection: The COVID-CNS travelling heads study. **2022**, 17, e0273704 ○

- 154 Why do mothers never stop grieving for their deceased children? Enduring alterations of brain connectivity and function. 16, ☐
- 153 Cortico-cortical and hippocampo-cortical co-rippling are facilitated by thalamo-cortical spindles and upstates, but not by thalamic ripples. ☐
- 152 Distinct and joint effects of low and high levels of A $\beta$  and tau deposition on cortical thickness. ☐
- 151 French Phonological Component Analysis and aphasia recovery: A bilingual perspective on behavioral and structural data. 16, ☐
- 150 Accurate Bayesian segmentation of thalamic nuclei using diffusion MRI and an improved histological atlas. ☐
- 149 Epigenetic Effects in HPA Axis Genes Associated with Cortical Thickness, ERP Components and SUD Outcome. **2022**, 12, 347 ☐
- 148 Increasing coordination and responsivity of emotion-related brain regions with a heart rate variability biofeedback randomized trial. ☐
- 147 Neuroimaging Markers for Determining Former American Football Players at Risk for Alzheimer's Disease. **2022**, 3, 398-414 ☐
- 146 Microstructural deficits of the thalamus in major depressive disorder. **2022**, 4, ☐
- 145 Regional gene expression signatures are associated with sex-specific functional connectivity changes in depression. **2022**, 13, ☐
- 144 Physical distance to sensory-motor landmarks predicts language function. ☐
- 143 Cognitive dispersion is elevated in amyloid-positive older adults and associated with regional hypoperfusion. 1-11 ☒
- 142 Syndrome specific neuroanatomical phenotypes in girls with Turner and Noonan Syndromes. **2022**, ☐
- 141 Recall and recognition subtests of the repeatable battery for the assessment of neuropsychological status and their relationship to biomarkers of Alzheimer's disease. 1-18 ☐
- 140 Anatomically curated segmentation of human subcortical structures in high resolution magnetic resonance imaging: An open science approach. 16, ☐
- 139 Hippocampal subfield morphology in regular hemodialysis patients. ☐
- 138 Human hippocampal ripples signal encoding of episodic memories. ☐
- 137 Associations between affective/vegetative neuropsychiatric symptoms and brain morphology in aging people with mild cognitive impairment and Alzheimer's disease.. ☐

136	Interdigitated Columnar Representation of Personal Space and Visual Space in Human Parietal Cortex. JN-RM-0516-22	0
135	Abnormal cortical morphology in children and adolescents with intermittent exotropia. 16,	0
134	Sex differences in item and associative memory among older adults with amnesic mild cognitive impairment. <b>2022</b> , 176, 108375	0
133	Neuroimaging and clinical characteristics of cognitive migration in community-dwelling older adults. <b>2022</b> , 36, 103232	0
132	In Vivo Detection of Neurofibrillary Tangles by 18F-MK-6240 PET/MR in Patients With Ischemic Stroke. 10.1212/WNL.0000000000201344	0
131	Characterization of the blood oxygen level dependent hemodynamic response function in human subcortical regions with high spatiotemporal resolution. 16,	1
130	Toward evaluation of multiresolution cortical thickness estimation with FreeSurfer, MaCRUISE, and BrainSuite.	0
129	Modelling on differential effect of age on transcranial magnetic stimulation induced electric fields.	0
128	Resting-state functional connectivity predictors of subjective visual Gestalt experience.	0
127	Altered Neural Oscillations Underlying Visuospatial Processing in Cerebral Visual Impairment (CVI).	0
126	Rhythms of Brain Impedance.	0
125	Morphological Temporal Analysis in Subjects with Alzheimer's Disease by Brain Graph Descriptors. <b>2023</b> , 363-370	0
124	Brain cortical alterations in COVID-19 patients with neurological symptoms. 16,	0
123	Integration of white matter architecture to stereo-EEG better describes epileptic spike propagation. <b>2022</b> ,	0
122	The molecular genetic landscape of human brain size variation.	0
121	Maximizing brain networks engagement via individualized connectome-wide target search. <b>2022</b> , 15, 1418-1431	0
120	Vitamin D deficit is associated with accelerated brain aging in the general population. <b>2022</b> , 327, 111558	1
119	Accommodating site variation in neuroimaging data using normative and hierarchical Bayesian models. <b>2022</b> , 264, 119699	0

- 118 HOA2.0-ComPaRe: A next generation Harvard-Oxford Atlas comparative parcellation reasoning method for human and macaque individual brain parcellation and atlases of the cerebral cortex. 16, ☐
- 117 Neuroimaging and immunological features of neurocognitive function related to substance use in people with HIV. ☐
- 116 Detection of Aspartylglucosaminuria Patients from Magnetic Resonance Images by a Machine-Learning-Based Approach. **2022**, 12, 1522 ☐
- 115 Impact of HIV and recreational drugs on cognitive functions. ☐
- 114 Preliminary Validation of a Structural Magnetic Resonance Imaging Metric for Tracking Dementia-Related Neurodegeneration and Future Decline. ☐
- 113 Sex-based variations of prefrontal structure and longitudinal symptoms in pediatric posttraumatic stress disorder. ☐
- 112 Machine learning based multi-modal prediction of future decline toward Alzheimer's disease: An empirical study. **2022**, 17, e0277322 ☐
- 111 Brain volume in Tanzanian children with sickle cell anaemia: A neuroimaging study. ☐
- 110 Template-based graph registration network for boosting the diagnosis of brain connectivity disorders. **2022**, 102140 ☐
- 109 Integration of event experiences to build relational knowledge in the human brain. ☐
- 108 Association between brain similarity to severe mental illnesses and comorbid cerebral, physical, and cognitive impairments. **2023**, 265, 119786 ☐
- 107 Automated detection of axonal damage along white matter tracts in acute severe traumatic brain injury. **2023**, 37, 103294 ☐
- 106 A combined exercise and cognitive training intervention induces fronto-cingulate cortical plasticity in first-episode psychosis patients. **2023**, 251, 12-21 ☐
- 105 Childhood abuse and cortical gray matter volume in patients with major depressive disorder. **2023**, 319, 114990 ☐
- 104 Identification of cerebral cortices processing acceleration, velocity, and position during directional reaching movement with deep neural network and explainable AI. **2023**, 266, 119783 ☐
- 103 Deep neural networks effectively model neural adaptation to changing background noise and suggest nonlinear noise filtering methods in auditory cortex. **2023**, 266, 119819 ☐
- 102 Randomized Controlled Trial of Social Ballroom Dancing and Treadmill Walking: Preliminary Findings on Executive Function and Neuroplasticity From Dementia-at-Risk Older Adults. **2022**, 1-11 ☐
- 101 Scalable Query Answering Under Uncertainty to Neuroscientific Ontological Knowledge: The NeuroLang Approach. ☐

- 100 The music of the hemispheres: Cortical eigenmodes as a physical basis for large-scale brain activity and connectivity patterns. 16, o
- 99 Two differentiated brain systems micro-structurally associated with obesity. o
- 98 Increased Functional Connectivity of the Precuneus in Individuals with a Family History of Alzheimer's Disease. **2022**, 1-13 o
- 97 White-matter correlates of anxiety: The contribution of the corpus-callosum to the study of anxiety and stress-related disorders. o
- 96 Kinetic evaluation and assessment of longitudinal changes in reference region and extracerebral [18F]MK-6240 PET uptake. 0271678X2211421 1
- 95 Motion Impact Score for Detecting Spurious Brain-Behavior Associations. o
- 94 Whole-brain dynamical modeling for classification of Parkinson's disease. 2
- 93 Effective Connectivity in a Duration Selective Cortico-Cerebellar Network. o
- 92 Quantitative MRI maps of human neocortex explored using cell type-specific gene expression analysis. o
- 91 Is There Reduced Hemodynamic Brain Activation in Multiple Sclerosis Even with Undisturbed Cognition?. **2023**, 24, 112 o
- 90 Structural connectome architecture shapes the maturation of cortical morphology from childhood to adolescence. o
- 89 Midlife occupational cognitive requirements protect cognitive function in old age by increasing cognitive reserve. 13, o
- 88 Atypical brain structure mediates reduced IQ in young adults born preterm with very low birth weight. **2022**, 119816 o
- 87 Robust enhancement of motor sequence learning with 4 mA transcranial electric stimulation. **2022**, o
- 86 Smaller amygdala subnuclei volume in schizophrenia patients with violent behaviors. o
- 85 Association of Maternal and Child Anemia With Brain Structure in Early Life in South Africa. **2022**, 5, e2244772 1
- 84 Proof-of-concept randomized controlled trial of single-session nitrous oxide treatment for refractory bipolar depression: Focus on cerebrovascular target engagement. o
- 83 Brain growth charts of "clinical controls" for quantitative analysis of clinically acquired brain MRI. o



82	Longitudinal Synaptic Density PET with 11 C-UCB-J 6 Months After Ischemic Stroke.	o
81	Optimizing FreeSurfer's Surface Reconstruction Parameters for Anatomical Feature Estimation.	o
80	Brain structural analysis in patients with post-traumatic anosmia: Voxel-based and surface-based morphometry. <b>2023</b> ,	o
79	Atrophy in subcortical gray matter in adult patients with moyamoya disease.	o
78	Thalamic subfield iron accumulation after acute mild traumatic brain injury as a marker of future post-traumatic headache intensity.	o
77	Gyrification patterns in first-episode, drug-naïve major depression: Associations with plasma levels of brain-derived neurotrophic factor and psychiatric symptoms. 13,	o
76	Using convolutional dictionary learning to detect task-related neuromagnetic transients and ageing trends in a large open-access dataset. <b>2023</b> , 267, 119809	o
75	Associations between right inferior frontal gyrus morphometry and inhibitory control in individuals with nicotine dependence. <b>2023</b> , 244, 109766	o
74	Socioeconomic disparities in sleep duration are associated with cortical thickness in children.	o
73	Robust enhancement of motor sequence learning with 4mA transcranial electric stimulation.	o
72	Classifying Alzheimer's disease and frontotemporal dementia using machine learning with cross-sectional and longitudinal magnetic resonance imaging data.	o
71	Hippocampal subfield volumes contribute to working memory interference control in aging: Evidence from longitudinal associations over 5 years.	o
70	Modulatory Effect of Levodopa on the Basal Ganglia-Cerebellum Connectivity in Parkinson's Disease.	o
69	Diffusion MRI data analysis assisted by deep learning synthesized anatomical images (DeepAnat). <b>2023</b> , 102744	o
68	The association between white matter hyperintensities and amyloid and tau deposition. <b>2023</b> , 38, 103383	o
67	Neural bases of the bodily self as revealed by electrical brain stimulation: A systematic review. <b>2023</b> , 44, 2936-2959	o
66	Machine learning based identification of structural brain alterations underlying suicide risk in adolescents. <b>2023</b> , 3,	o
65	Structural architecture and brain network efficiency link polygenic scores to intelligence.	o

- 64 Effects of COVID-19 pandemic on structural brain development in early adolescence. **2023**, 13, ○
- 63 Spatially regularized low-rank tensor approximation for accurate and fast tractography. **2023**, 271, 120004 ○
- 62 Depth-wise profiles of iron and myelin in the cortex and white matter using B separation: A preliminary study. **2023**, 273, 120058 ○
- 61 Associative memory is more strongly predicted by age-related differences in the prefrontal cortex than medial temporal lobes. **2023**, 3, 100168 ○
- 60 Structural and functional connectivity reconstruction with CATO - A Connectivity Analysis TOolbox. **2023**, 273, 120108 ○
- 59 High-fidelity transmission of auditory symbolic material is associated with reduced right-left neuroanatomical asymmetry between primary auditory regions. ○
- 58 Reliability of Functional and Diffusion MR Imaging Near Cerebral Cavernous Malformations. **2023**, 44, 150-156 ○
- 57 Big Data in 'Cognitive Neuroscience: Opportunities and 'Challenges. **2022**, 16-30 ○
- 56 Poorer sleep impairs brain health at midlife. **2023**, 13, ○
- 55 Resting-state functional connectivity predicting clinical improvement following treatment in female adolescents with non-suicidal self-injury. **2023**, 327, 79-86 ○
- 54 Lateral cerebellothalamic tract activation underlies DBS therapy for Essential Tremor. **2023**, 16, 445-455 ○
- 53 Cross-modality comparison between structural and metabolic networks in individual brain based on the Jensen-Shannon divergence method: a healthy Chinese population study. ○
- 52 The iron-dopamine D1 coupling modulates neural signatures of working memory across adult lifespan. ○
- 51 Shared and distinct structural brain alterations and cognitive features in drug-naïve schizophrenia and bipolar disorder. **2023**, 82, 103513 ○
- 50 Relevance of 18F-DOPA visual and semi-quantitative PET metrics for the diagnostic of Parkinson disease in clinical practice: a machine learning-based inference study. **2023**, 13, 1
- 49 Variation in maternal sensitivity and the development of memory biases in preschoolers. 17, ○
- 48 Lifestyle risks associated with brain functional connectivity and structure. **2023**, 44, 2479-2492 ○
- 47 History of suicide attempt associated with amygdala and hippocampus changes among individuals with schizophrenia. ○

- 46 Resting-state neural correlates of visual Gestalt experience. o
- 45 Neuroimaging features of depressionfrailty phenotype in older adults: a pilot study. 1-7 o
- 44 Novel effects of Ras-MAPK pathogenic variants on the developing human brain and their link to gene expression and inhibition abilities. o
- 43 The characteristics of brain structural remodeling in patients with unilateral vestibular schwannoma. **2023**, 162, 79-91 o
- 42 Predicting BrainageIn the Developmental Period using Structural MRI, Morphometric Similarity, and Machine Learning. o
- 41 Gray matter volume and within-task verbal fluency performance among older adults. **2023**, 166, 105960 o
- 40 Joint, distributed and hierarchically organized encoding of linguistic features in the human auditory cortex. o
- 39 Brain structural changes in preschool children with MRI-negative epilepsy. **2023**, 65, 945-959 o
- 38 Human-specific evolutionary markers linked to foetal neurodevelopment modulate brain surface area in schizophrenia. o
- 37 Daily biofeedback to modulate heart rate oscillations affects structural volume in hippocampal subregions targeted by the locus coeruleus in older adults but not younger adults. o
- 36 Subjective memory complaints are associated with decreased cortical thickness in Veterans with histories of mild traumatic brain injury. 1-21 o
- 35 Associations of mTBI and post-traumatic stress to amygdala structure and functional connectivity in military Service Members. 2, o
- 34 Crop Filling: a pipeline for repairing memory clinic MRI corrupted by partial brain coverage. o
- 33 Developmental trajectory of transmission speed in the human brain. **2023**, 26, 537-541 o
- 32 A machine learning-derived neuroanatomical pattern predicts delayed reward discounting in the Human Connectome Project Young Adult sample. o
- 31 Localized White Matter Tract Integrity Measured by Diffusion Tensor Imaging Is Altered in People with Mild Cognitive Impairment and Associated with Dual-Task and Single-Task Gait Speed. **2023**, 92, 1367-1384 o
- 30 Natural language processing models reveal neural dynamics of human conversation. o
- 29 Individual reserve in aging and neurological disease. o

- 28 Neurostructural and neurocognitive correlates of APOE  $\epsilon$  in youth bipolar disorder. **2023**, 37, 408-419 ○
- 27 Polyneuro risk scores capture widely distributed connectivity patterns of cognition. **2023**, 60, 101231 ○
- 26 Integration and segregation dynamics in functional networks of individuals diagnosed with schizophrenia. ○
- 25 Brain Vascular Health in ALS Is Mediated through Motor Cortex Microvascular Integrity. **2023**, 12, 957 ○
- 24 Childhood Sexual Abuse and Cortical Thinning in Adults With Major Depressive Disorder. **2023**, 20, 255-261 ○
- 23 Single-Institution Comparative Study of Magnetic Resonance-Guided Laser Interstitial Thermal Therapy and Open Corpus Callosotomy. **2023**, ○
- 22 The best of two worlds: Decoding and source-reconstructing M/EEG oscillatory activity with a unique model. ○
- 21 Relationship between function and structure in the visual cortex in healthy individuals and in patients with severe mental disorders. **2023**, 332, 111633 ○
- 20 Exploring the ATN classification system using brain morphology. **2023**, 15, ○
- 19 Serum neurofilament light concentrations are associated with cortical thinning in anorexia nervosa. 1-9 ○
- 18 Characterizing brain dynamics during ketamine-induced dissociation and subsequent interactions with propofol using human intracranial neurophysiology. **2023**, 14, ○
- 17 Pre-surgical features of intrinsic brain networks predict single and joint epilepsy surgery outcomes. **2023**, 38, 103387 ○
- 16 Disentangling the distal association between  $\beta$ -Amyloid and tau pathology at varying stages of tau deposition. ○
- 15 PET Imaging for Alzheimer's Neuroanatomical Disease Diagnosis. **2023**, ○
- 14 No difference in extra-axial cerebrospinal fluid volumes across neurodevelopmental and psychiatric conditions in later childhood and adolescence. **2023**, 15, ○
- 13 Self-forgiveness is associated with increased volumes of fusiform gyrus in healthy individuals. **2023**, 13, ○
- 12 Links between psychopathological symptoms and cortical thickness in men with severe alcohol use disorder: A Magnetic Resonance Imaging study. ○
- 11 Probing multiple algorithms to calculate brain age: Examining reliability, relations with demographics, and predictive power. ○

- 10 Changes in motor activity level in individuals with frontotemporal dementia. ○
- 9 Impact of excessive abdominal obesity on brain microstructural abnormality in schizophrenia. ○
- 8 Subcortical volumes in cerebral amyloid angiopathy compared with Alzheimer's disease and controls. 17, ○
- 7 Enhancing the network specific individual characteristics in rs-fMRI functional connectivity by dictionary learning. ○
- 6 Brain structural abnormalities and trait impulsivity in suicidal and non-suicidal patients with bipolar disorder. **2023**, 333, 10-17 ○
- 5 Distinct and joint effects of low and high levels of A $\beta$  and tau deposition on cortical thickness. **2023**, 103409 ○
- 4 A Bivariate Twin Study of Cortical Surface Area and Verbal and Nonverbal Intellectual Skills in Adolescence. **2023**, ○
- 3 Cortical thickness is related to cognitive-motor automaticity and attention allocation in individuals with Alzheimer's disease: a regions of interest study. ○
- 2 Accurate Bayesian segmentation of thalamic nuclei using diffusion MRI and an improved histological atlas. **2023**, 120129 ○
- 1 Identifying sex-specific risk architectures for predicting amyloid deposition using neural networks. **2023**, 275, 120147 ○