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An automated labeling system for subdividing the human cerebral cortex on MRI scans into gyral based regions of interest

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1800	Stability of resting fMRI interregional correlations analyzed in subject-native space: a one-year longitudinal study in healthy adults and premanifest Huntington's disease. <i>NeuroImage</i> , 2012 , 59, 2452-	- 6 39	40
1799	Maternal history of reading difficulty is associated with reduced language-related gray matter in beginning readers. <i>NeuroImage</i> , 2012 , 59, 3021-32	7.9	68
1798	Cortical cartography and Caret software. <i>NeuroImage</i> , 2012 , 62, 757-64	7.9	74
1797	Effects of network resolution on topological properties of human neocortex. <i>NeuroImage</i> , 2012 , 59, 35	2 7 .32	63
1796	Test-retest variability underlying fMRI measurements. <i>NeuroImage</i> , 2012 , 60, 717-27	7.9	41
1795	MEG evoked responses and rhythmic activity provide spatiotemporally complementary measures of neural activity in language production. <i>NeuroImage</i> , 2012 , 60, 29-36	7.9	27
1794	A reliable protocol for the manual segmentation of the human amygdala and its subregions using ultra-high resolution MRI. <i>NeuroImage</i> , 2012 , 60, 1226-35	7.9	64
1793	Schizophrenia, neuroimaging and connectomics. <i>Neurolmage</i> , 2012 , 62, 2296-314	7.9	503
1792	FreeSurfer. <i>NeuroImage</i> , 2012 , 62, 774-81	7.9	3773
1791	Brain templates and atlases. <i>NeuroImage</i> , 2012 , 62, 911-22	7.9	299
1790	The time-course and spatial distribution of brain activity associated with sentence processing. <i>Neurolmage</i> , 2012 , 60, 1139-48	7.9	83
1789	An event-based model for disease progression and its application in familial Alzheimer's disease and Huntington's disease. <i>NeuroImage</i> , 2012 , 60, 1880-9	7.9	125

1788	Correlates of perceptual awareness in human primary auditory cortex revealed by an informational masking experiment. <i>NeuroImage</i> , 2012 , 61, 62-9	7.9	36
1787	A multi-modal investigation of behavioral adjustment: post-error slowing is associated with white matter characteristics. <i>NeuroImage</i> , 2012 , 61, 195-205	7.9	14
1786	Measuring and comparing brain cortical surface area and other areal quantities. <i>NeuroImage</i> , 2012 , 61, 1428-43	7.9	117
1785	Characteristics and variability of structural networks derived from diffusion tensor imaging. <i>NeuroImage</i> , 2012 , 61, 1153-64	7.9	89
1784	Combining MRI and CSF measures for classification of Alzheimer's disease and prediction of mild cognitive impairment conversion. <i>NeuroImage</i> , 2012 , 62, 229-38	7.9	224
1783	States of mind: emotions, body feelings, and thoughts share distributed neural networks. <i>NeuroImage</i> , 2012 , 62, 2110-28	7.9	94
1782	Regional changes of cortical mean diffusivities with aging after correction of partial volume effects. <i>NeuroImage</i> , 2012 , 62, 1705-16	7.9	20
1781	Modeling the outcome of structural disconnection on resting-state functional connectivity. <i>NeuroImage</i> , 2012 , 62, 1342-53	7.9	123
1780	Anti-correlated networks, global signal regression, and the effects of caffeine in resting-state functional MRI. <i>NeuroImage</i> , 2012 , 63, 356-64	7.9	105
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1778	Alterations in brain structures underlying language function in young adults at high familial risk for schizophrenia. 2012 , 141, 65-71		31
1777	Human brain atlas-based multimodal MRI analysis of volumetry, diffusimetry, relaxometry and lesion distribution in multiple sclerosis patients and healthy adult controls: implications for understanding the pathogenesis of multiple sclerosis and consolidation of quantitative MRI results		39
1776	Diffusion properties of cortical and pericortical tissue: regional variations, reliability and methodological issues. 2012 , 30, 1111-22		24
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1769	Quantitative longitudinal interrelationships between brain metabolism and amyloid deposition during a 2-year follow-up in patients with early Alzheimer's disease. 2012 , 39, 1927-36	35
1768	Machine Learning and Interpretation in Neuroimaging. 2012,	2
1767	Neuroimaging of structural pathology and connectomics in traumatic brain injury: Toward personalized outcome prediction. 2012 , 1, 1-17	85
1766	Education increases reserve against Alzheimer's diseaseevidence from structural MRI analysis. 2012 , 54, 929-38	117
1765	Machine Learning in Medical Imaging. 2012,	3
1764	Longitudinal neuroimaging and neuropsychological profiles of frontotemporal dementia with C9ORF72 expansions. 2012 , 4, 41	73
1763	Cortical gyrification and sulcal spans in early stage Alzheimer's disease. 2012 , 7, e31083	40
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1761	Cortical thickness and behavior abnormalities in children born preterm. 2012 , 7, e42148	29
1760	Rates of decline in Alzheimer disease decrease with age. 2012 , 7, e42325	72
1759	Hemispherically-unified surface maps of human cerebral cortex: reliability and hemispheric asymmetries. 2012 , 7, e45582	21
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1751	Localized blood flow imaging using quantitative flow-enhanced signal intensity. 2012, 67, 660-8	2
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1721	Neuroanatomic changes and their association with cognitive decline in mild cognitive impairment: a meta-analysis. 2012 , 217, 115-25	53
1720	Spatial MEG laterality maps for language: clinical applications in epilepsy. 2013 , 34, 1749-60	8
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1718	Neural correlates of visual search in patients with hereditary retinal dystrophies. 2013, 34, 2607-23	16
1717	Improved prediction of Alzheimer's disease with longitudinal white matter/gray matter contrast changes. 2013 , 34, 2775-85	12

1716	Memory performance and fMRI signal in presymptomatic familial Alzheimer's disease. 2013, 34, 3308-19	7
1715	The neural correlates of self-paced finger tapping in bipolar depression with motor retardation. 2013 , 25, 43-51	8
1714	Reduced orbitofrontal cortical thickness in male adolescents with internet addiction. 2013 , 9, 11	93
1713	Evidence for a detrimental relationship between hypertension history, prospective memory, and prefrontal cortex white matter in cognitively normal older adults. 2013 , 13, 405-16	14
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1711	Association among clinical response, hippocampal volume, and FKBP5 gene expression in individuals with posttraumatic stress disorder receiving cognitive behavioral therapy. 2013 , 74, 793-800	107
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1686	Gyrification of Broca's region is anomalously lateralized at onset of schizophrenia in adolescence and regresses at 2 year follow-up. 2013 , 147, 39-45	32
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1684	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. 2013 , 211, 202-13	12
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637	Evolutionary shaping of human brain dynamics.	Ο

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635	Language and Social Regions Are Affected in Toddlers with Autism and Predict Later Language Outcome.	0
634	The impact of harmonization on radiomic features in Parkinson disease and healthy controls: A multicenter study. 16,	0
633	Lexicality-modulated influence of auditory cortex on subthalamic nucleus during motor planning for speech. 1-66	О
632	Evolutionary shaping of human brain dynamics. 11,	О
631	Abnormal MRI signature in virologically stable HIV individuals.	O
630	Brain Functional Connectivity in Mentally Healthy Individuals with Different Levels of Schizotypy. 2022 , 48, 487-495	О
629	The genetic architecture of cerebellar lobules: Insights from the UK Biobank.	O
628	Highlight Results, Donl Hide Them: Enhance interpretation, reduce biases and improve reproducibility.	О
627	Integration and segregation in the brain as a cognitive flexibility during tasks and rest.	O
626	Reward sensitivity and internalizing symptoms during the transition to puberty: An examination of 9-and 10-year-olds in the ABCD Study. 2022 , 101172	О
625	Reliable brain morphometry from contrast-enhanced T1w-MRI in patients with multiple sclerosis.	1
624	Altered metamemory precedes cognitive impairment in subjective cognitive decline with positive amyloid-beta. 14,	О
623	Virtual reality-based sensorimotor adaptation shapes subsequent spontaneous and naturalistic stimulus-driven brain activity.	O
622	Using fractal dimension analysis to assess the effects of normal aging and sex on subregional cortex alterations across the lifespan from a Chinese dataset.	0
621	Structural and functional alterations within the Papez circuit in subacute stroke patients.	О
620	Predictive modeling of optimism bias using gray matter cortical thickness.	0
619	Transversal functional connectivity and scene-specific processing in the human entorhinal-hippocampal circuitry. 11,	1

618	MIND Networks: Robust Estimation of Structural Similarity from Brain MRI.	O
617	Structure-Function Coupling Reveals Seizure Onset Connectivity Patterns. 2022, 12, 10487	O
616	Reduced cortical complexity in patients with end-stage kidney disease prior to dialysis initiation. 16,	0
615	Corticobasal syndrome and Parkinson disease at the beginning: asymmetrical patterns of MRI and Blink Reflex for early diagnosis.	O
614	Longitudinal brain age prediction and cognitive function after stroke. 2022,	0
613	Impact of age on the cerebrospinal fluid spaces: high-convexity and medial subarachnoid spaces decrease with age. 2022 , 19,	O
612	Updating contextual sensory expectations for adaptive behaviour. JN-RM-1107-22	0
611	Whole-brain dynamics of human sensorimotor adaptation.	O
610	Effects of individualized brain anatomies and EEG electrode positions on inferred activity of the primary auditory cortex. 16,	O
609	Morphometric similarity networks discriminate patients with lumbar disc herniation from healthy controls and predict pain intensity. 2,	O
608	Predictive models demonstrate age-dependent association of subcortical volumes and cognitive measures.	0
607	Multiscale Brain Network Models and Their Applications in Neuropsychiatric Diseases. 2022 , 11, 3468	O
606	Brain Age Prediction: A Comparison between Machine Learning Models Using Brain Morphometric Data. 2022 , 22, 8077	2
605	The White Matter Functional Abnormalities in Patients with Transient Ischemic Attack: A Reinforcement Learning Approach. 2022 , 2022, 1-12	O
604	Comparison of FreeSurfer and CAT12 Software in Parcel-Based Cortical Thickness Calculations.	0
603	Cortico-Cerebellar Neurodynamics during Social Interaction in Autism Spectrum Disorder.	O
602	Thalamocortical networks involved in Pusher Syndrome.	0
601	Use of connectotyping on task functional MRI data reveals dynamic network level cross talking during task performance. 16,	Ο

600	Psychotic Like Experiences in Healthy Adolescents are Underpinned by Lower Fronto-Temporal Cortical Gyrification: a Study from the IMAGEN Consortium.	O
599	Mapping the genetic architecture of cortical morphology through neuroimaging: progress and perspectives. 2022 , 12,	O
598	Anterior dorsal attention network tau drives visual attention deficits in posterior cortical atrophy.	O
597	Altered Neural Oscillations Underlying Visuospatial Processing in Cerebral Visual Impairment (CVI).	Ο
596	Interpretive JIVE: Connections with CCA and an application to brain connectivity. 16,	O
595	Cerebral vasomotor reactivity across the continuum of subjective cognitive impairment, amnestic mild cognitive impairment and probable Alzheimer's dementia: A transcranial Doppler and PET/MRI study. 0271678X2211246	O
594	Transcriptional signatures of the cortical morphometric similarity network gradient in first-episode, treatment-naive major depressive disorder.	O
593	Modulations of local synchrony over time lead to resting-state functional connectivity in a parsimonious large-scale brain model. 2022 , 17, e0275819	Ο
592	Altered anterior insula functional connectivity in adolescent and young women with endometriosis-associated pain: Pilot resting-state fMRI study. 2022 ,	0
591	Brainnetome atlas of preadolescent children based on anatomical connectivity profiles.	O
590	Software tool for visualization of a probabilistic map of the epileptogenic zone from seizure semiologies. 16,	0
589	Sex differences in multilayer functional network topology over the course of aging in 37543 UK Biobank participants. 1-40	O
588	Topology of pain networks in patients with temporomandibular disorder and pain-free controls with and without concurrent experimental pain: A pilot study. 3,	0
587	Heritability of brain neurovascular coupling.	O
586	Efficiency of heterogenous functional connectomes explains variance in callous-unemotional traits after computational lesioning of cortical midline and salience regions.	O
585	Connectome-based predictive modeling of empathy in adolescents with and without the low-prosocial emotion specifier.	O
584	Direct Brain Recordings Identify a Causal Subsequent-Memory Effect.	О
583	An Explainable Deep Learning Framework for Characterizing and Interpreting Human Brain States. 2022 , 102665	O

582	Evidence of visual crossmodal reorganization positively relates to speech outcomes in cochlear implant users. 2022 , 12,	0
581	The effects of acute cannabis with and without cannabidiol on neural reward anticipation in adults and adolescents. 2022 ,	O
580	Measuring brain beats: Cardiac-aligned fast functional magnetic resonance imaging signals.	О
579	Cortical Morphometric Vulnerability to Generalized Epilepsy Reflects Chromosome- and Cell Type-specific Transcriptomic Signatures.	О
578	Brain cortical alterations in COVID-19 patients with neurological symptoms. 16,	0
577	Cross-attractor modeling of resting-state functional connectivity in psychiatric disorders reveals disturbances in excitation, inhibition, and energy gaps.	О
576	Language reorganization in patients with left-hemispheric gliomas is associated with increased cortical volume in language-related areas and in the default mode network. 2022 ,	2
575	Mapping neurotransmitter systems to the structural and functional organization of the human neocortex. 2022 , 25, 1569-1581	1
574	Hyperconnectivity and altered interactions of a nucleus accumbens network in post-stroke depression.	o
573	Multi-centre and multi-vendor reproducibility of a standardized protocol for quantitative susceptibility Mapping of the human brain at 3T. 2022 , 103, 37-45	o
572	Correspondence between cognitive and neural representations for phonology, orthography, and semantics in supramarginal compared to angular gyrus.	0
571	Neural signal variability relates to maladaptive rumination in depression. 2022,	О
570	Unravelling the relationship between amyloid accumulation and brain network function in normal aging and very mild cognitive decline: a longitudinal analysis.	0
569	Representational dynamics of memories for real-life events. 2022 , 25, 105391	О
568	Altered controllability of white matter networks and related brain function changes in first-episode drug-naive schizophrenia.	0
567	Structural and diffusion-weighted brain imaging predictors of attention-deficit/hyperactivity disorder and its symptomology in very young (4- to 7-year-old) children.	О
566	Plasma amyloid-beta oligomer is related to subjective cognitive decline and brain amyloid status. 2022 , 14,	O
565	The molecular genetic landscape of human brain size variation.	o

564	Lower gestational age is associated with lower cortical volume and cognitive and educational performance in adolescence. 2022 , 20,	O
563	A multi-brain mechanism for observational threat learning.	O
562	Longitudinal Clinical and Biological Characteristics in Juvenile-Onset Huntington's Disease.	0
561	Strength-dependent perturbation of whole-brain model working in different regimes reveals the role of fluctuations in brain dynamics. 2022 , 18, e1010662	O
560	Amplitude synchronization of spontaneous activity of medial and lateral temporal gyri reveals altered thalamic connectivity in patients with temporal lobe epilepsy. 2022 , 12,	О
559	Cerebral perfusion is related to antidepressant effect and cognitive side effects of Electroconvulsive Therapy. 2022 ,	O
558	Lack of Structural Brain Alterations associated with Insomnia: Findings from the ENIGMA-Sleep working group.	О
557	Accommodating site variation in neuroimaging data using normative and hierarchical Bayesian models. 2022 , 264, 119699	O
556	An orderly sequence of autonomic and neural events at transient arousal changes. 2022 , 264, 119720	O
555	Ventral striatal subregional dysfunction in late-life grief: Relationships with yearning and depressive symptoms. 2022 , 156, 252-260	O
554	No robust evidence for an interaction between early-life adversity and protective factors on global and regional brain volumes. 2022 , 58, 101166	O
553	Quantitative evaluation of cortical thickness in 3T in Behätä patients without neurological involvement and parenchymal neuro-Behätä disease. 2022 , 106, 128-134	0
552	Task-based co-activation patterns reliably predict resting state canonical network engagement during development. 2022 , 58, 101160	0
551	Brain patterns of pace (but not rhythm (are associated with vascular disease in older adults. 2022 , 3, 100154	O
550	Classification of Brain Disorders in rs-fMRI via Local-to-Global Graph Neural Networks. 2022, 1-1	0
549	BrainGB: A Benchmark for Brain Network Analysis with Graph Neural Networks. 2022 , 1-1	1
548	Recovery of brain network integration and segregation during the loss and recovery of consciousness induced by sevoflurane. 2022 , 1-1	0
547	Neural function underlying reward expectancy and attainment in adolescents with diverse psychiatric symptoms. 2022 , 36, 103258	O

546	Electroencephalography for Early Detection of Alzheimer Disease in Subjective Cognitive Decline. 2022 , 21, 126	O
545	The relationship between Alzheimer's-related brain atrophy patterns and sleep macro-architecture. 2022 , 14,	O
544	Study Design and Baseline Results in a Cohort Study to Identify Predictors for the Clinical Progression to Mild Cognitive Impairment or Dementia From Subjective Cognitive Decline (CoSCo) Study. 2022 , 21, 147	1
543	Advances in molecular neuroimaging methodology. 2023 , 53-66	O
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541	Comparisons of healthy human brain temperature predicted from biophysical modeling and measured with whole brain MR thermometry. 2022 , 12,	Ο
540	Relationship of prefrontal brain lateralization to optimal cognitive function differs with age 2022, 119736	O
539	Associations between digital media use and brain surface structural measures in preschool-aged children. 2022 , 12,	O
538	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,	О
537	From sMRI to task-fMRI: A unified geometric deep learning framework for cross-modal brain anatomo-functional mapping. 2022 , 102681	O
536	Does cueing need attention? A pilot study in people with Parkinson disease. 2022,	O
535	Coordinated cortical thickness alterations across six neurodevelopmental and psychiatric disorders. 2022 , 13,	O
534	Altered cortical thickness, degree centrality, and functional connectivity in middle-age type 2 diabetes mellitus. 13,	O
533	Intrinsic brain functional connectivity patterns in alcohol use disorder.	O
532	Neural responses to naturalistic audiovisual speech are related to listening demand in cochlear implant users. 16,	О
531	Pre- and post-surgery brain tumor multimodal magnetic resonance imaging data optimized for large scale computational modelling. 2022 , 9,	Ο
530	Neuroimaging and immunological features of neurocognitive function related to substance use in people with HIV.	О
529	Neural dynamics during emotional video engagement relate to anxiety. 16,	O

528	Multimodal visual system analysis as a biomarker of visual hallucinations in Parkinson⊠ disease.	O
527	Relay and higher-order thalamic nuclei show an intertwined functional association with cortical-networks. 2022 , 5,	O
526	A randomized pharmacological fMRI trial investigating d-cycloserine and brain plasticity mechanisms in learned pain responses. 2022 , 12,	0
525	Detection of Aspartylglucosaminuria Patients from Magnetic Resonance Images by a Machine-Learning-Based Approach. 2022 , 12, 1522	O
524	Predictive Coding and Internal Error Correction in Speech Production. 1-77	0
523	Surgical Resection of Gliomas in the Dominant Inferior Frontal Gyrus: Consecutive Case Series and Anatomy Review of Brocall Area. 2022 , 107512	O
522	MRI biomarkers of freezing of gait development in Parkinson disease. 2022, 8,	О
521	Impact of HIV and recreational drugs on cognitive functions.	O
520	Preliminary Validation of a Structural Magnetic Resonance Imaging Metric for Tracking Dementia-Related Neurodegeneration and Future Decline.	0
519	Large-Scale Functional Hyperconnectivity Patterns Characterizing Trauma-Related Dissociation: A rs-fMRI Study of PTSD and its Dissociative Subtype.	O
518	Cortical thinning in chemotherapy-treated older long-term breast cancer survivors.	0
517	Pre-diabetes is associated with altered functional connectivity density in cortical regions of the default-mode network. 14,	O
516	Gyrification in relation to cortical thickness in the congenitally blind. 16,	О
515	Prenatal Caffeine Exposure Is Linked to Elevated Sugar Intake and BMI, Altered Reward Sensitivity, and Aberrant Insular Thickness in Adolescents: An ABCD Investigation. 2022 , 14, 4643	O
514	Neuroanatomical substrates in Parkinson's Disease psychosis and their association with serotonergic receptor gene expression: A coordinate-based meta-regression analysis	0
513	Genomic Structural Equation Modeling Reveals Latent Phenotypes in the Human Cortex with Distinct Genetic Architecture.	0
512	Structural alterations of spinocerebellar ataxias type 3: from pre-symptomatic to symptomatic stage.	1
511	Auditory cortex encodes lipreading information through spatially distributed activity.	0

510	Decoding six basic emotions from brain functional connectivity patterns.	О
509	Signed graph representation learning for functional-to-structural brain network mapping. 2022 , 102674	O
508	Assessment of cognitive function, structural brain changes and fatigue 6´months after treatment of neuroborreliosis.	O
507	Species-conserved mechanisms of cognitive flexibility in complex environments.	O
506	Machine learning based multi-modal prediction of future decline toward Alzheimer∃ disease: An empirical study. 2022 , 17, e0277322	О
505	A review on Alzheimer Disease Classification from Normal Controls and Mild Cognitive Impairment using structural MR Images. 2022 , 109745	1
504	Diabetes and hypertension are related to amyloid-beta burden in the population-based Rotterdam Study.	1
503	Vascular endothelial-cadherin as a marker of endothelial injury in preclinical Alzheimer disease.	O
502	Impact of White Adipose Tissue on Brain Structure, Perfusion and Cognitive Function in Patients With Severe Obesity: The BARICO Study. 10.1212/WNL.000000000201538	1
501	Hippocampal neuronal integrity and functional connectivity within the default mode network in mild cognitive impairment: a multimodal investigation.	O
500	Association of Longitudinal Cognitive Decline with Diffusion MRI in Gray Matter, Amyloid, and Tau Deposition. 2022 ,	1
499	Dopamine D2/3-receptor availability and its association with autonomous motivation to exercise in older adults: An exploratory [11C]-raclopride study. 16,	О
498	The thresholding problem and variability in the EEG graph network parameters. 2022, 12,	O
497	Medial temporal lobe structure, mnemonic and perceptual discrimination in healthy older adults and those at risk for mild cognitive impairment. 2022 ,	1
496	Hearing impairment is associated with cognitive decline, brain atrophy and tau pathology. 2022 , 86, 104336	2
495	Network alterations in eating epilepsy during resting state and during eating using Magnetoencephalography. 2022 , 137, 108946	О
494	Cortical myelin profile variations in healthy aging brain: A T1w/T2w ratio study. 2022 , 264, 119743	О
493	Through the looking glass: Deep interpretable dynamic directed connectivity in resting fMRI. 2022 , 264, 119737	О

492	Socioeconomic dissociations in the neural and cognitive bases of reading disorders. 2022, 58, 101175	О
491	Altered neural correlates of optimal decision-making in individuals with depressive status. 2022 , 108462	O
490	Effort avoidance as a core mechanism of apathy in frontotemporal dementia.	О
489	Altered spreading of neuronal avalanches in temporal lobe epilepsy relates to cognitive performance: a resting-state hdEEG study.	Ο
488	Herpes simplex virus alters Alzheimer's disease biomarkers - A hypothesis paper.	0
487	Unsupervised physiological noise correction of functional magnetic resonance imaging data using phase and magnitude information (PREPAIR).	O
486	The association of age-related and off-target retention with longitudinal quantification of [18F]MK6240 tau-PET in target regions jnumed.122.264434	0
485	Continuity versus change in latent profiles of emotion regulation and working memory during adolescence. 2022 , 101177	O
484	Topological network properties of resting-state functional connectivity patterns are associated with metal mixture exposure in adolescents.	0
483	Apathy in depression: An arterial spin labeling perfusion MRI study. 2022,	O
482	Delta oscillation coupled propagating fast ripples precede epileptiform discharges in patients with focal epilepsy. 2022 , 175, 105928	0
481	Diffusion MRI Fibre Orientation Distribution Inpainting. 2022 , 65-76	O
480	Hierarchical particle optimization for cortical shape correspondence in temporal lobe resection. 2023 , 152, 106414	0
479	Discriminative patterns of white matter changes in Alzheimer's. 2023 , 328, 111576	O
478	Cognitive flexibility in post-traumatic stress disorder: Sustained interference associated with altered modulation of cortical oscillatory activity during task-switching. 2023 , 37, 103297	O
477	Association between brain similarity to severe mental illnesses and comorbid cerebral, physical, and cognitive impairments. 2023 , 265, 119786	O
476	EEG source derived salience network coupling supports real-world attention switching. 2023, 178, 108445	0
475	Optimizing quantification of MK6240 tau PET in unimpaired older adults. 2023 , 265, 119761	1

474	A quantified comparison of cortical atlases on the basis of trait morphometricity. 2023, 158, 110-126	O
473	Exploring the heterogeneous morphometric data in essential tremor with probabilistic modelling. 2023 , 37, 103283	O
472	Automated detection of axonal damage along white matter tracts in acute severe traumatic brain injury. 2023 , 37, 103294	0
471	Distinct multivariate structural brain profiles are related to variations in short- and long-delay memory consolidation across children and young adults. 2023 , 59, 101192	O
470	BrainStat: A toolbox for brain-wide statistics and multimodal feature associations. 2023 , 266, 119807	O
469	Refocus on stopping! Replication of reduced right amygdala reactivity to negative, visual primes during inhibition of motor responses. 2023 , 3, 100151	O
468	Increased cortical surface area but not altered cortical thickness or gyrification in bipolar disorder following stabilisation from a first episode of mania. 2023 , 122, 110687	0
467	Polygenic indices for cognition in healthy aging; the role of brain measures. 2023 , 3, 100153	O
466	Increased left dorsolateral prefrontal cortex density following escitalopram intake during relearning: a randomized, placebo-controlled trial in healthy humans. 2022 , 12, 204512532211320	O
465	Extracting Multiple Nodes in a Brain Region of Interest for Brain Functional Network Estimation and Classification. 2022 , 10, 3408-3423	O
464	RF-Isolation: A Novel Representation of Structural Connectivity Networks for Multiple Sclerosis Classification. 2022 , 158-169	0
463	Multi-scale and Focal Region Based Deep Learning Network for Fine Brain Parcellation. 2022, 466-475	O
462	Comparison of machine learning methods for the detection of focal cortical dysplasia lesions: decision tree, support vector machine and artificial neural network. 2022 , 44, 1142-1149	0
461	Learning Similarity-Preserving Representations of Brain Structure-Function Coupling. 2022,	O
460	Cardiorespiratory fitness is associated with fMRI signal in right cerebellum lobule VIIa Crus I and II during spatial navigation in older adult women. 14,	O
459	A Phenome-Wide Association Study (Phewas) Of Late Onset Alzheimer Disease Genetic Risk in Children of European Ancestry at Middle Childhood: Results From the ABCD Study.	O
458	Multisite testEetest reliability and compatibility of brain metrics derived from FreeSurfer versions 7.1, 6.0, and 5.3.	О
457	Assessing the coupling between local neural activity and global connectivity fluctuations: Application to human intracranial electroencephalography during a cognitive task.	Ο

456	Exploring changes in depression and radiology-related publications research focus: A bibliometrics and content analysis based on natural language processing. 13,	0
455	Reproducible Microstructural Changes in the Brain Associated With the Presence and Severity of Urologic Chronic Pelvic Pain Syndrome (UCPPS): A 3-Year Longitudinal Diffusion Tensor Imaging Study From the MAPP Network. 2022 ,	O
454	Children syntax is supported by the maturation of BA44 at 4 years, but of the posterior STS at 3 years of age.	0
453	STN-DBS Induces Acute Changes in Band Cortical Functional Connectivity in Patients with Parkinson Disease. 2022 , 12, 1606	O
452	The music of the hemispheres: Cortical eigenmodes as a physical basis for large-scale brain activity and connectivity patterns. 16,	О
451	Wave-Encoded Model-Based Deep Learning for Highly Accelerated Imaging with Joint Reconstruction. 2022 , 9, 736	1
450	Accelerated cortical thinning precedes and predicts conversion to psychosis: The NAPLS3 longitudinal study of youth at clinical high-risk.	0
449	Radiogenomics of C9 or f72 expansion carriers reveals global transposable element de-repression and enables prediction of thalamic atrophy and clinical impairment. JN-RM-1448-22	O
448	Representing linguistic communicative functions in the premotor cortex.	O
447	Cingulate cortical thickness in cocaine use disorder: mediation effect between early life stress and cocaine consumption. 1-22	O
446	Connectivity between default mode and frontoparietal networks mediates the association between global amyloid-land episodic memory.	O
445	Comparing the functional neuroanatomy of proactive and reactive control between patients with schizophrenia and healthy controls.	O
444	Abnormal cortical thickness and structural covariance networks in systemic lupus erythematosus patients without major neuropsychiatric manifestations. 2022 , 24,	1
443	Age-related decline in prefrontal glutamate predicts failure to efficiently deploy working memory in the service of learning.	O
442	Childhood trauma moderates schizotypy-related brain morphology: Analyses of 1,182 healthy individuals from the ENIGMA Schizotypy working group.	0
441	Revascularization improves vascular hemodynamics 🗈 study assessing cerebrovascular reserve and transit time in Moyamoya patients using MRI. 0271678X2211403	O
440	Turning and multitask gait unmask gait disturbance in mild-to-moderate multiple sclerosis: Underlying specific cortical thinning and connecting fibers damage.	1
439	Impact of Computerized Cognitive Training on Default Mode Network Connectivity in Subjects at Risk for Alzheimer Disease: A 78-week Randomized Controlled Trial. 2022 , 1-12	O

438	The relevance of rich club regions for functional outcome post-stroke is enhanced in women.	0
437	Classification accuracy of structural and functional connectomes across different depressive phenotypes.	O
436	Brain grey and white matter structural associations with future suicidal ideation and behaviors in adolescent and young adult females with mood disorders. 2022 , 2,	0
435	Effects of the COVID-19 Pandemic on Mental Health and Brain Maturation in Adolescents: Implications for Analyzing Longitudinal Data. 2022 ,	O
434	The impact of quality control on cortical morphometry comparisons in autism.	0
433	Whole-brain dynamical modeling for classification of Parkinson⊠ disease.	2
432	Presynaptic membrane protein dysfunction occurs prior to neurodegeneration and predicts faster cognitive decline.	0
431	Disentangling object category representations driven by dynamic and static visual input. JN-RM-0371-22	O
430	Brain ageing in schizophrenia: evidence from 26 international cohorts via the ENIGMA Schizophrenia consortium.	1
429	Altered frontal connectivity as a mechanism for executive function deficits in fragile X syndrome. 2022 , 13,	O
428	Effective Connectivity in a Duration Selective Cortico-Cerebellar Network.	0
427	CKD, Brain Atrophy, and White Matter Lesion Volume: The Japan Prospective Studies Collaboration for Aging and Dementia. 2022 , 100593	О
426	Neural substrates in Parkinson's Disease psychosis: A systematic review.	0
425	Neural networks involved in nausea in adult humans: A systematic review. 2022 , 103059	1
424	Divergent associations between auditory activation and inhibition task performance in children and adults.	0
423	Microstructural and functional plasticity following repeated brain stimulation during cognitive training in non-demented older adults.	O
422	Sample size requirement for achieving multisite harmonization using structural brain MRI features. 2022 , 264, 119768	0
421	Selective and replicable neuroimaging-based indicators of pain discriminability. 2022, 3, 100846	O

420	Smaller Rostral Cingulate Volume and Psychosocial Correlates in Veterans at Risk for Suicide. 2022 , 115032	О
419	Brain activation by a VR-based motor imagery and observation task: An fMRI study.	O
418	Structural brain abnormalities in schizophrenia patients with a history and presence of auditory verbal hallucination. 2022 , 12,	0
417	Age-dependent alterations in the coordinated development of subcortical regions in adolescents with social anxiety disorder.	O
416	10-Year trajectories of depressive symptoms and subsequent brain health in middle-aged adults. 2022 ,	0
415	Advanced brain age correlates with greater rumination and less mindfulness in schizophrenia. 2022, 103301	O
414	Genetic influence on resting state networks in young male and female adults: a cartographer mapping study.	0
413	Weight Loss and Alzheimer Disease in Down Syndrome. 2022 , 1-12	O
412	Prospective Study of Gray Matter Atrophy Following Pediatric Mild Traumatic Brain Injury. 10.1212/WNL.0000	000000020
411	Longitudinal Effects of Asymptomatic C9orf72 Carriership on Brain Morphology.	O
410	Radiomic features of gray matter in never-treated first-episode schizophrenia.	0
409	Perceptual Grouping in Autism Spectrum Disorder: An Exploratory Magnetoencephalography Study.	O
408	Functional Neuroplasticity and Motor Skill Change Following Gross Motor Interventions for Children With Diplegic Cerebral Palsy. 154596832211435	0
407	Single-subject EEG measurement of interhemispheric transfer-time for the in-vivo estimation of axonal morphology.	O
406	Stereo-EEG recordings extend known distributions of canonical movement-related oscillations.	О
405	Cortical thickness analysis in temporal lobe epilepsy using fully Bayesian spectral method in magnetic resonance imaging. 2022 , 22,	O
404	Brain activity during visuospatial working memory in congenital adrenal hyperplasia. 2022,	0

402	Confounds in neuroimaging: A clear case of sex as a confound in brain-based prediction. 13,	О
401	Multi-modal multi-resolution atlas of the human neonatal cerebral cortex based on microstructural similarity.	O
400	White matter abnormalities in presymptomatic GRN and C9orf72 mutation carriers.	0
399	Neural similarity across task load relates to cognitive reserve and brain maintenance measures on the Letter Sternberg task: a longitudinal study.	Ο
398	Removing ocular artifacts from magnetoencephalographic data on naturalistic reading of continuous texts. 16,	Ο
397	Gray to White Matter Signal Ratio as a novel biomarker of neurodegeneration in Alzheimer⊠ disease. 2022 , 103303	Ο
396	Effect of Electrical Muscle Stimulation and Resistance Exercise Intervention on Physical and Brain Function in Middle-Aged and Older Women. 2023 , 20, 101	О
395	Gray Matter Microstructure Differences in Autistic Males: A Gray Matter Based Spatial Statistics Study. 2022 , 103306	O
394	Associations among hypertension, dementia biomarkers, and cognition: The MEMENTO cohort.	0
393	Morphometric dis-similarity between cortical and subcortical areas underlies cognitive function and psychiatric symptomatology: a preadolescence study from ABCD.	O
392	Cortical and cerebellar structural correlates of cognitive-motor integration performance in females with and without persistent concussion symptoms. 1-15	O
391	An MRI Study Combining Virtual Brain Grafting and Surface-Based Morphometry Analysis to Investigate Contralateral Alterations in Cortical Morphology in Patients With Diffuse Low-Grade Glioma.	Ο
390	Noninvasive neuroimaging and spatial filter transform enable ultra low delay motor imagery EEG decoding. 2022 , 19, 066034	0
389	Colour perception deficits after posterior stroke: Not so rare after all?. 2022,	O
388	[18F]RO948 tau positron emission tomography in genetic and sporadic frontotemporal dementia syndromes.	0
387	Differences in cortical morphology and child internalizing or externalizing problems: Accounting for the co-occurrence. 2022 , 2,	O
386	Atypical brain structure mediates reduced IQ in young adults born preterm with very low birth weight. 2022 , 119816	О
385	Brain alterations in sensorimotor and emotional regions associated with temporomandibular disorders.	O

384	Altered brain white matter structural motor network in spinocerebellar ataxia type 3.	1
383	Robust enhancement of motor sequence learning with 4 mA transcranial electric stimulation. 2022 ,	O
382	Multimodal, multiscale connectivity blueprints of the cerebral cortex.	O
381	The IAS-MEEG Package: A Flexible Inverse Source Reconstruction Platform for Reconstruction and Visualization of Brain Activity from M/EEG Data.	O
380	Genetic underpinnings of brain structural connectome for young adults. 1-26	O
379	Baseline brain and behavioral factors distinguish adolescent substance initiators and non-initiators at follow-up. 13,	O
378	Comprehension of acoustically degraded speech in Alzheimer disease and primary progressive aphasia.	O
377	Emotional states as distinct configurations of functional brain networks.	O
376	Integration of structural brain networks is related to openness to experience: A diffusion MRI study with CSD-based tractography. 16,	O
375	Abstract representations in temporal cortex support generative linguistic processing. 1-14	O
374	Abundant pleiotropy across neuroimaging modalities identified through a multivariate genome-wide association study.	O
373	Predicting sex, age, general cognition and mental health with machine learning on brain structural connectomes.	O
372	Sex and menopause impact 31P-Magnetic Resonance Spectroscopy brain mitochondrial function in association with 11C-PiB PET amyloid-beta load. 2022 , 12,	O
371	Can hubs of the human connectome be identified consistently with diffusion MRI?.	O
370	Topographic organization of eye-position dependent gain fields in human visual cortex. 2022, 13,	O
369	Treatment-induced neural reorganization in aphasia is language-domain specific: evidence from a large-scale fMRI study. 2022 ,	O
368	Tooth loss and regional grey matter volume 2022 , 104393	О
367	Disconnectomics to unravel the network underlying deficits of spatial exploration and attention. 2022 , 12,	O

366	Right Prefrontal Cortical Thickness Is Associated With Response to Cognitive B ehavioral Therapy in Children With Obsessive-Compulsive Disorder. 2022 ,	O
365	Rationale and Design of the PARTNER Trial: Partnered Rhythmic Rehabilitation for Enhanced Motor-Cognition in Prodromal Alzheimer Disease. 2022 , 1-15	O
364	Decreased Brain Structural Network Connectivity in Patients with Mild Cognitive Impairment: A Novel Fractal Dimension Analysis. 2023 , 13, 93	0
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357	Molecular Imaging of the Association between Serotonin Degeneration and Beta-Amyloid Deposition in Mild Cognitive Impairment. 2023 , 103322	О
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332	Arcuate Fasciculus Microstructure Predicts Alcohol Dependence Risk through Higher IQ. 2023 , 13, 129	0
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317	Multimodal and multidomain lesion network mapping enhances prediction of sensorimotor behavior in stroke patients. 2022 , 12,	O
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296	Inefficient speech-motor control affects predictive speech comprehension: atypical electrophysiological correlates in stuttering.	O
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179	Sex-specific effects of SNAP-25 genotype on verbal memory and Alzheimer's disease biomarkers in clinically normal older adults.	Ο
178	Neuroimaging features of depression f railty phenotype in older adults: a pilot study. 1-7	0
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160	In vivo Brain Estrogen Receptor Expression By Neuroendocrine Aging And Relationships With Gray Matter Volume, Bio-Energetics, and Clinical Symptomatology.	0
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118	Topographical similarity of cortical thickness represents generalized anxiety symptoms in adolescence.	0
117	Connectional Hierarchy in Human Brain Revealed by Individual Variability of Functional Network Edges.	O
116	Brain structure-function relationships across the human lifespan based on network eigenmodes.	О
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99	Toward a statistical validation of brain signatures as robust measures of behavioral substrates.	Ο
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96	Connectome dysfunction in patients at clinical high risk for psychosis and modulation by oxytocin.	0
95	IntegrationBegregation dynamics in functional networks of individuals diagnosed with schizophrenia.	O
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82	Single-Institution Comparative Study of Magnetic Resonance uided Laser Interstitial Thermal Therapy and Open Corpus Callosotomy. 2023 ,	0
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61	Association of Intrinsic Functional Brain Network and Longitudinal Development of Cognitive-Behavioral Symptoms in Young Girls with Fragile X Syndrome. 2023 ,	O

60	Excitatory inhibitory imbalance underlies hippocampal atrophy in individuals with 22q11.2 Deletion Syndrome with psychotic symptoms. 2023 ,	О
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58	Evaluation of Plasma Phosphorylated Tau217 for Differentiation Between Alzheimer Disease and Frontotemporal Lobar Degeneration Subtypes Among Patients With Corticobasal Syndrome.	O
57	Low neighborhood deprivation buffers against hippocampal neurodegeneration, white matter hyperintensities, and poorer cognition.	O
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54	Remote assessment of cognition and quality of life following radiotherapy for nasopharyngeal carcinoma: deep-learning-based predictive models and MRI correlates.	Ο
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51	Dynamic cortical and tractography atlases of proactive and reactive alpha and high-gamma activities. 2023 , 5,	O
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45	Altered gyrification in chemotherapy-treated older long-term breast cancer survivors.	O
44	Moderating effects of cognitive reserve on the relationship between brain structure and cognitive abilities in middle-aged and older adults. 2023 ,	O
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42	Cortical microstructural associations with CSF amyloid and pTau.	0
41	Identifying the engagement of a brain network during a targeted tDCS-fMRI experiment using a machine learning approach. 2023 , 19, e1011012	Ο
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30	Increased Parenchymal Free Water May Be Decreased by Revascularization Surgery in Patients with Moyamoya Disease. 2023 ,	O
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28	Biological brain age prediction using machine learning on structural neuroimaging data: multi-cohort validation against biomarkers of Alzheimer's disease and neurodegeneration stratified by sex. 12,	0
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25	Impact of prenatal synthetic glucocorticoid exposure on the adolescent brain.	O

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18	The spatial distribution of coupling between tau and neurodegeneration in amyloid-[positive mild cognitive impairment.	0
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13	Neural correlates of verbal fluency revealed by longitudinal T1, T2 and FLAIR imaging in stroke. 2023 , 103406	O
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6	Fetal Brain Tissue Annotation and Segmentation Challenge Results. 2023 , 102833	O
5	Feasibility of 18F-florzolotau quantification in patients with Alzheimer disease based on an MRI-free tau PET template.	O
4	Network connectivity and local transcriptomic vulnerability underpin cortical atrophy progression in Parkinson disease.	0
3	Neuro-Environmental Interactions: a time sensitive matter.	O
2	Neuro-Environmental Interactions: a time sensitive matter. Resilient functioning after childhood adversity is associated with altered structural brain network topology in adolescence.	0