

# Threshold-free cluster enhancement: Addressing problem dependence and localisation in cluster inference

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Schizophrenia delays and alters maturation of the brain in adolescence. <i>Brain</i> , 2009, 132, 2437-2448.	3.7	139
2	Robust and Unbiased Variance of GLM Coefficients for Misspecified Autocorrelation and Hemodynamic Response Models in fMRI. <i>International Journal of Biomedical Imaging</i> , 2009, 2009, 1-11.	3.0	12
3	Activated region fitting: A robust high-power method for fMRI analysis using parameterized regions of activation. <i>Human Brain Mapping</i> , 2009, 30, 2595-2605.	1.9	12
4	Pitfalls in fMRI. <i>European Radiology</i> , 2009, 19, 2689-2706.	2.3	118
5	Striatal Dopamine D <sub>2</sub> /D <sub>3</sub> Receptor Availability Is Reduced in Methamphetamine Dependence and Is Linked to Impulsivity. <i>Journal of Neuroscience</i> , 2009, 29, 14734-14740.	1.7	330
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7	A sensitive, noise-resistant method for identifying focal demyelination and remyelination in patients with multiple sclerosis via voxel-wise changes in magnetization transfer ratio. <i>Journal of the Neurological Sciences</i> , 2009, 282, 86-95.	0.3	18
8	Tractography for Surgical Targeting. , 2009, , 415-444.		3
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14	Short-term meditation induces white matter changes in the anterior cingulate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15649-15652.	3.3	404
15	An enhanced voxel-based morphometry method to investigate structural changes: application to Alzheimer's disease. <i>Neuroradiology</i> , 2010, 52, 203-213.	1.1	14
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18	A statistical method (cross-validation) for bone loss region detection after spaceflight. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2010, 33, 163-169.	1.4	3

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20	Utility of axial and radial diffusivity from diffusion tensor MRI as markers of neurodegeneration in amyotrophic lateral sclerosis. <i>Brain Research</i> , 2010, 1348, 156-164.	1.1	105
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1120	Alterations in the functional neural circuitry supporting flexible choice behavior in autism spectrum disorders. <i>Translational Psychiatry</i> , 2016, 6, e916-e916.	2.4	55
1121	Relationship between neuropsychological impairment and grey and white matter changes in adult-onset myotonic dystrophy type 1. <i>NeuroImage: Clinical</i> , 2016, 12, 190-197.	1.4	51
1122	Restriction spectrum imaging reveals decreased neurite density in patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2016, 57, 1897-1906.	2.6	20
1123	Glial activation colocalizes with structural abnormalities in amyotrophic lateral sclerosis. <i>Neurology</i> , 2016, 87, 2554-2561.	1.5	83
1124	Mnemonic convergence in the human hippocampus. <i>Nature Communications</i> , 2016, 7, 11991.	5.8	54
1125	Differential effects of L-tryptophan and L-leucine administration on brain resting state functional networks and plasma hormone levels. <i>Scientific Reports</i> , 2016, 6, 35727.	1.6	5
1126	Genome-Wide Transcriptional Profiling and Structural Magnetic Resonance Imaging in the Maternal Immune Activation Model of Neurodevelopmental Disorders. <i>Cerebral Cortex</i> , 2017, 27, 3397-3413.	1.6	50
1127	Structural MRI: Morphometry. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2016, , 399-409.	0.1	8
1128	In-vivo Dynamics of the Human Hippocampus across the Menstrual Cycle. <i>Scientific Reports</i> , 2016, 6, 32833.	1.6	108
1129	Neural substrates underlying delusions in schizophrenia. <i>Scientific Reports</i> , 2016, 6, 33857.	1.6	24
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1131	Resting state functional MRI reveals abnormal network connectivity in orthostatic tremor. <i>Medicine (United States)</i> , 2016, 95, e4310.	0.4	18
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1138	Abnormalities of white matter integrity in the corpus callosum of adolescents with PTSD after childhood sexual abuse: a DTI study. <i>European Child and Adolescent Psychiatry</i> , 2016, 25, 869-878.	2.8	44
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1142	Epigenetic modification of <i>OXT</i> and human sociability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3816-23.	3.3	79
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1144	Basal ganglia dysfunction in idiopathic REM sleep behaviour disorder parallels that in early Parkinson's disease. <i>Brain</i> , 2016, 139, 2224-2234.	3.7	119
1145	Atomoxetine restores the response inhibition network in Parkinson's disease. <i>Brain</i> , 2016, 139, 2235-2248.	3.7	76
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1151	White matter integrity in major depressive disorder: Implications of childhood trauma, 5-HTTLPR and BDNF polymorphisms. <i>Psychiatry Research - Neuroimaging</i> , 2016, 253, 15-25.	0.9	32
1152	A Voxel-Based Approach to Explore Local Dose Differences Associated With Radiation-Induced Lung Damage. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 127-133.	0.4	40
1153	Age effects and sex differences in human brain white matter of young to middle-aged adults: A DTI, NODDI, and q-space study. <i>NeuroImage</i> , 2016, 128, 180-192.	2.1	154
1154	Structural and diffusion imaging versus clinical assessment to monitor amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2016, 11, 408-414.	1.4	51

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1164	Axon density and axon orientation dispersion in children born preterm. <i>Human Brain Mapping</i> , 2016, 37, 3080-3102.	1.9	50
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1168	Unbiased cluster estimation of electrophysiological brain response. <i>Journal of Neuroscience Methods</i> , 2016, 271, 43-49.	1.3	5
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1170	Chronic pain disrupts the reward circuitry in multiple sclerosis. <i>European Journal of Neuroscience</i> , 2016, 44, 1928-34.	1.2	26
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1176	<i>In Vivo</i> MRI Mapping of Brain Iron Deposition across the Adult Lifespan. <i>Journal of Neuroscience</i> , 2016, 36, 364-374.	1.7	217
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1185	Clinically Isolated Syndrome Suggestive of Multiple Sclerosis: Dynamic Patterns of Gray and White Matter Changes—A 2-year MR Imaging Study. <i>Radiology</i> , 2016, 278, 841-853.	3.6	38
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1190	A common NTRK2 variant is associated with emotional arousal and brain white-matter integrity in healthy young subjects. <i>Translational Psychiatry</i> , 2016, 6, e758-e758.	2.4	13

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1192	Diffusion tensor imaging and behavior in premature infants at 8 years of age, a randomized controlled trial with long-chain polyunsaturated fatty acids. <i>Early Human Development</i> , 2016, 95, 41-46.	0.8	24
1193	A COMPREHENSIVE EXAMINATION OF WHITE MATTER TRACTS AND CONNECTOMETRY IN MAJOR DEPRESSIVE DISORDER. <i>Depression and Anxiety</i> , 2016, 33, 56-65.	2.0	43
1194	Applying a free-water correction to diffusion imaging data uncovers stress-related neural pathology in depression. <i>NeuroImage: Clinical</i> , 2016, 10, 336-342.	1.4	54
1195	Longitudinal magnetic resonance imaging study shows progressive pyramidal and callosal damage in Friedreich's ataxia. <i>Movement Disorders</i> , 2016, 31, 70-78.	2.2	45
1196	Brain parenchymal damage in neuromyelitis optica spectrum disorder – A multimodal MRI study. <i>European Radiology</i> , 2016, 26, 4413-4422.	2.3	45
1197	Mediation of Developmental Risk Factors for Psychosis by White Matter Microstructure in Young Adults With Psychotic Experiences. <i>JAMA Psychiatry</i> , 2016, 73, 396.	6.0	44
1198	Functional connectivity increase in the default-mode network of patients with Alzheimer's disease after long-term treatment with Galantamine. <i>European Neuropsychopharmacology</i> , 2016, 26, 602-613.	0.3	23
1199	Brain correlates of phonological recoding of visual symbols. <i>NeuroImage</i> , 2016, 132, 359-372.	2.1	10
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1201	Effects of endurance training on brain structures in chronic schizophrenia patients and healthy controls. <i>Schizophrenia Research</i> , 2016, 173, 182-191.	1.1	64
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1207	Effect of Inhaled Xenon on Cerebral White Matter Damage in Comatose Survivors of Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1120.	3.8	97
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1210	Attention promotes episodic encoding by stabilizing hippocampal representations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E420-9.	3.3	145
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1213	History of childhood maltreatment augments dorsolateral prefrontal processing of emotional valence in PTSD. <i>Journal of Psychiatric Research</i> , 2016, 74, 45-54.	1.5	25
1214	Age-effects in white matter using associated diffusion tensor imaging and magnetization transfer ratio during late childhood and early adolescence. <i>Magnetic Resonance Imaging</i> , 2016, 34, 529-534.	1.0	29
1215	Prospective assessment of white matter integrity in adult stem cell transplant recipients. <i>Brain Imaging and Behavior</i> , 2016, 10, 486-496.	1.1	19
1216	Changes in spatial cognition and brain activity after a single dose of testosterone in healthy women. <i>Behavioural Brain Research</i> , 2016, 298, 78-90.	1.2	50
1217	Localized atrophy of the thalamus and slowed cognitive processing speed in MS patients. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1327-1336.	1.4	88
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1219	Male brain ages faster: the age and gender dependence of subcortical volumes. <i>Brain Imaging and Behavior</i> , 2016, 10, 901-910.	1.1	54
1220	Alterations in functional connectivity of resting state networks during experimental endotoxemia "An exploratory study in healthy men. <i>Brain, Behavior, and Immunity</i> , 2016, 54, 17-26.	2.0	71
1221	Neuroplasticity for spontaneous functional recovery after neonatal hypoxic ischemic brain injury in rats observed by functional MRI and diffusion tensor imaging. <i>NeuroImage</i> , 2016, 126, 140-150.	2.1	13
1222	The neural correlates of motor intentional disorders in patients with subcortical vascular cognitive impairment. <i>Journal of Neurology</i> , 2016, 263, 89-99.	1.8	6
1223	White matter microstructural characteristics in Bipolar I and Bipolar II Disorder: A diffusion tensor imaging study. <i>Journal of Affective Disorders</i> , 2016, 189, 176-183.	2.0	38
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1225	Difference in white matter microstructure in differential diagnosis of normal pressure hydrocephalus and Alzheimer's disease. <i>Clinical Neurology and Neurosurgery</i> , 2016, 140, 52-59.	0.6	16
1226	The neuroanatomy of bilingualism: how to turn a hazy view into the full picture. <i>Language, Cognition and Neuroscience</i> , 2016, 31, 303-327.	0.7	101

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1228	Intertemporal choice behavior is constrained by brain structure in healthy participants and pathological gamblers. <i>Brain Structure and Function</i> , 2016, 221, 3157-3170.	1.2	33
1229	STEAM – Statistical Template Estimation for Abnormality Mapping: A personalized DTI analysis technique with applications to the screening of preterm infants. <i>NeuroImage</i> , 2016, 125, 705-723.	2.1	7
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1232	Structural and functional neuroplasticity in human learning of spatial routes. <i>NeuroImage</i> , 2016, 125, 256-266.	2.1	48
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1236	Analyzing neuroimaging data with subclasses: A shrinkage approach. <i>NeuroImage</i> , 2016, 124, 740-751.	2.1	9
1237	The Association of Glucose Metabolism and Eigenvector Centrality in Alzheimer's Disease. <i>Brain Connectivity</i> , 2016, 6, 1-8.	0.8	18
1238	Differences in effective connectivity between children with dyslexia, monocular vision and typically developing readers: A DTI study. <i>Biomedical Signal Processing and Control</i> , 2016, 23, 19-27.	3.5	1
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1241	Brain structural deficits and working memory fMRI dysfunction in young adults who were diagnosed with ADHD in adolescence. <i>European Child and Adolescent Psychiatry</i> , 2016, 25, 529-538.	2.8	30
1242	Impaired and preserved aspects of feedback learning in aMCI: contributions of structural connectivity. <i>Brain Structure and Function</i> , 2016, 221, 2831-2846.	1.2	18
1243	Effects of dexamphetamine-induced dopamine release on resting-state network connectivity in recreational amphetamine users and healthy controls. <i>Brain Imaging and Behavior</i> , 2016, 10, 548-558.	1.1	30
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1246	Brains of verbal memory specialists show anatomical differences in language, memory and visual systems. <i>NeuroImage</i> , 2016, 131, 181-192.	2.1	30
1247	Greater Insula White Matter Fiber Connectivity in Women Recovered from Anorexia Nervosa. <i>Neuropsychopharmacology</i> , 2016, 41, 498-507.	2.8	57
1248	Association of white matter hyperintensities and gray matter volume with cognition in older individuals without cognitive impairment. <i>Brain Structure and Function</i> , 2016, 221, 2135-2146.	1.2	82
1249	Cognitive activity, cognitive function, and brain diffusion characteristics in old age. <i>Brain Imaging and Behavior</i> , 2016, 10, 455-463.	1.1	26
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1253	Extensive and interrelated subcortical white and gray matter alterations in preterm-born adults. <i>Brain Structure and Function</i> , 2016, 221, 2109-2121.	1.2	74
1254	Moderate and late preterm infants exhibit widespread brain white matter microstructure alterations at term-equivalent age relative to term-born controls. <i>Brain Imaging and Behavior</i> , 2016, 10, 41-49.	1.1	66
1255	The anterior midcingulate cortex as a neural node underlying hostility in young adults. <i>Brain Structure and Function</i> , 2017, 222, 61-70.	1.2	10
1256	Differential associations between systemic markers of disease and white matter tissue health in middle-aged and older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3568-3579.	2.4	6
1257	Altered white matter integrity in whole brain and segments of corpus callosum, in young social drinkers with binge drinking pattern. <i>Addiction Biology</i> , 2017, 22, 490-501.	1.4	39
1258	iMap4: An open source toolbox for the statistical fixation mapping of eye movement data with linear mixed modeling. <i>Behavior Research Methods</i> , 2017, 49, 559-575.	2.3	50
1259	The 5-HTTLPR and BDNF polymorphisms moderate the association between uncinate fasciculus connectivity and antidepressants treatment response in major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 135-147.	1.8	44
1260	Pain modulation is affected differently in medication-overuse headache and chronic myofascial pain "A multimodal MRI study. <i>Cephalalgia</i> , 2017, 37, 764-779.	1.8	29
1261	Atypical white matter microstructure in left-handed individuals. <i>Laterality</i> , 2017, 22, 257-267.	0.5	22
1262	A Multimodal Structural and Functional Neuroimaging Study of Amnesic Mild Cognitive Impairment. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 158-169.	0.6	31

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1264	Mean diffusivity of basal ganglia and thalamus specifically associated with motivational states among mood states. <i>Brain Structure and Function</i> , 2017, 222, 1027-1037.	1.2	26
1265	White Matter Tract Injury is Associated with Deep Gray Matter Iron Deposition in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2017, 27, 107-113.	1.0	25
1266	Speech discrimination in 11-month-old bilingual and monolingual infants: a magnetoencephalography study. <i>Developmental Science</i> , 2017, 20, e12427.	1.3	150
1267	Evaluation of deep gray matter volume, cortical thickness and white matter integrity in patients with typical absence epilepsy: a study using voxelwise-based techniques. <i>Neuroradiology</i> , 2017, 59, 237-245.	1.1	10
1268	White matter integrity and symptom dimensions of schizophrenia: A diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2017, 184, 59-68.	1.1	50
1269	Alerted default mode: functional connectivity changes in the aftermath of social stress. <i>Scientific Reports</i> , 2017, 7, 40180.	1.6	54
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1432	The details of structural disconnectivity in psychotic disorder: A family-based study of non-FA diffusion weighted imaging measures. <i>Brain Research</i> , 2017, 1671, 121-130.	1.1	5
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1434	General and emotion-specific alterations to cognitive control in women with a history of childhood abuse. <i>NeuroImage: Clinical</i> , 2017, 16, 151-164.	1.4	17
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1609	The two-year progression of structural and functional cerebral MRI in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2018, 17, 953-961.	1.4	100
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1688	Wavelet coherence-based classifier: A resting-state functional MRI study on neurodynamics in adolescents with high-functioning autism. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 154, 143-151.	2.6	60
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1699	Altered frontal interhemispheric and fronto-limbic structural connectivity in unmedicated adults with obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2018, 39, 803-810.	1.9	24
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1724	Comparison of local spectral modulation, and temporal correlation, of simultaneously recorded EEG/fMRI signals during ketamine and midazolam sedation. <i>Psychopharmacology</i> , 2018, 235, 3479-3493.	1.5	28
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1726	Association between Hippocampal Shape, Neuroinflammation, and Cognitive Decline in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1131-1144.	1.2	27
1727	The influence of acoustic startle probes on fear learning in humans. <i>Scientific Reports</i> , 2018, 8, 14552.	1.6	23
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1733	White matter aberrations and age-related trajectories in patients with schizophrenia and bipolar disorder revealed by diffusion tensor imaging. <i>Scientific Reports</i> , 2018, 8, 14129.	1.6	53
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1736	White matter diffusion abnormalities in migraine and medication overuse headache: A 1.5-T tract-based spatial statistics study. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 167-173.	0.6	22
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1746	Virtually "in the heat of the moment": insula activation in safe sex negotiation among risky men. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 80-91.	1.5	11
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1750	Somatotopic Mapping of the Developing Sensorimotor Cortex in the Preterm Human Brain. Cerebral Cortex, 2018, 28, 2507-2515.	1.6	68
1751	LISA improves statistical analysis for fMRI. Nature Communications, 2018, 9, 4014.	5.8	27
1752	Altered Functional Connectivity in Resting State Networks in Tourette's Disorder. Frontiers in Human Neuroscience, 2018, 12, 363.	1.0	26
1753	Impaired neural processing of transitive relations in children with math learning difficulty. NeuroImage: Clinical, 2018, 20, 1255-1265.	1.4	21
1754	Topographic Cortico-cerebellar Networks Revealed by Visual Attention and Working Memory. Current Biology, 2018, 28, 3364-3372.e5.	1.8	78
1755	Involvement of the Precuneus/Posterior Cingulate Cortex Is Significant for the Development of Alzheimer's Disease: A PET (THK5351, PiB) and Resting fMRI Study. Frontiers in Aging Neuroscience, 2018, 10, 304.	1.7	72
1756	Circulating cortisol and cognitive and structural brain measures. Neurology, 2018, 91, e1961-e1970.	1.5	90
1757	The neural representation of an individualized relational affective space. Neuropsychologia, 2018, 120, 35-42.	0.7	12
1758	The neural basis of fatigue in multiple sclerosis. Neurology: Clinical Practice, 2018, 8, 492-500.	0.8	18
1759	Functional connectivity of intrinsic cognitive networks during resting state and task performance in preadolescent children. PLoS ONE, 2018, 13, e0205690.	1.1	9
1760	Volumetric gray matter measures of amygdala and accumbens in childhood overweight/obesity. PLoS ONE, 2018, 13, e0205331.	1.1	32
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1762	Associations Among Suicidal Ideation, White Matter Integrity and Cognitive Deficit in First-Episode Schizophrenia. Frontiers in Psychiatry, 2018, 9, 391.	1.3	43
1763	Resting-state basal ganglia network codes a motor musical skill and its disruption From dystonia. Movement Disorders, 2018, 33, 1472-1480.	2.2	13
1764	Accounting for stimulus and participant effects in event-related potential analyses to increase the replicability of studies. Journal of Neuroscience Methods, 2018, 309, 218-227.	1.3	12
1765	Functional Connectivity Alterations Reveal Complex Mechanisms Based on Clinical and Radiological Status in Mild Relapsing Remitting Multiple Sclerosis. Frontiers in Neurology, 2018, 9, 690.	1.1	32
1766	Altered physiological brain variation in drug-resistant epilepsy. Brain and Behavior, 2018, 8, e01090.	1.0	32

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1768	Adaptation decorrelates shape representations. <i>Nature Communications</i> , 2018, 9, 3812.	5.8	9
1769	Occulomotor Neural Integrator Dysfunction in Multiple Sclerosis: Insights From Neuroimaging. <i>Frontiers in Neurology</i> , 2018, 9, 691.	1.1	4
1770	Shifted balance of dorsal versus ventral striatal communication with frontal reward and regulatory regions in cannabis-dependent males. <i>Human Brain Mapping</i> , 2018, 39, 5062-5073.	1.9	57
1771	Evidence for a spinal involvement in temporal pain contrast enhancement. <i>NeuroImage</i> , 2018, 183, 788-799.	2.1	27
1772	The Lifespan Trajectory of the Encoding-Retrieval Flip: A Multimodal Examination of Medial Parietal Cortex Contributions to Episodic Memory. <i>Journal of Neuroscience</i> , 2018, 38, 8666-8679.	1.7	14
1773	Intrinsic connectivity networks underlying individual differences in control-averse behavior. <i>Human Brain Mapping</i> , 2018, 39, 4857-4869.	1.9	6
1774	Disease-related patterns of in vivo pathology in Corticobasal syndrome. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2413-2425.	3.3	26
1775	Association between resting-state brain functional connectivity and cortisol levels in unmedicated major depressive disorder. <i>Journal of Psychiatric Research</i> , 2018, 105, 55-62.	1.5	12
1776	White matter integrity associated with severity reductions in positive symptoms after amisulpride treatment in drug-free patients with schizophrenia. <i>Neuroscience Letters</i> , 2018, 685, 131-136.	1.0	8
1777	Connectivity-enhanced diffusion analysis reveals white matter density disruptions in first episode and chronic schizophrenia. <i>NeuroImage: Clinical</i> , 2018, 18, 608-616.	1.4	40
1778	Manual dexterity and brain structure in patients with schizophrenia: A whole-brain magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2018, 276, 9-14.	0.9	14
1779	Cerebral white matter sex dimorphism in alcoholism: a diffusion tensor imaging study. <i>Neuropsychopharmacology</i> , 2018, 43, 1876-1883.	2.8	33
1780	Illness, at-risk and resilience neural markers of early-stage bipolar disorder. <i>Journal of Affective Disorders</i> , 2018, 238, 16-23.	2.0	17
1781	Hybrid Diffusion Imaging in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2377-2390.	1.7	41
1782	Adolescents at high risk of obesity show greater striatal response to increased sugar content in milkshakes. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 859-866.	2.2	37
1783	Formal thought disorder is related to aberrations in language-related white matter tracts in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 40-50.	0.9	23
1784	Early brain responses to affective faces: A simultaneous EEG-fMRI study. <i>NeuroImage</i> , 2018, 178, 660-667.	2.1	45

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1786	Magnetic Resonance Imaging in Huntington's Disease. <i>Methods in Molecular Biology</i> , 2018, 1780, 303-328.	0.4	2
1787	White matter microstructural alterations in clinically isolated syndrome and multiple sclerosis. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 27-33.	0.8	19
1788	Integrative and distinctive coding of visual and conceptual object features in the ventral visual stream. <i>ELife</i> , 2018, 7, .	2.8	145
1789	Distinct contributions of functional and deep neural network features to representational similarity of scenes in human brain and behavior. <i>ELife</i> , 2018, 7, .	2.8	132
1790	Neurofilament relates to white matter microstructure in older adults. <i>Neurobiology of Aging</i> , 2018, 70, 233-241.	1.5	48
1791	Functional and structural brain networks in posterior cortical atrophy: A two-centre multiparametric MRI study. <i>NeuroImage: Clinical</i> , 2018, 19, 901-910.	1.4	23
1792	Brain abnormalities in children and adolescents with chronic kidney disease. <i>Pediatric Research</i> , 2018, 84, 387-392.	1.1	30
1793	Increased Left Ventricular Mass Index Is Associated With Compromised White Matter Microstructure Among Older Adults. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	12
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1797	White matter measures correlate with essential tremor severity—A pilot diffusion tensor imaging study. <i>Brain and Behavior</i> , 2018, 8, e01039.	1.0	12
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1804	In vivo characterization of white matter pathology in premanifest huntington's disease. <i>Annals of Neurology</i> , 2018, 84, 497-504.	2.8	53
1805	Influence of activation pattern estimates and statistical significance tests in fMRI decoding analysis. <i>Journal of Neuroscience Methods</i> , 2018, 308, 248-260.	1.3	16
1806	Brain Structures Associated with Internet Addiction Tendency in Adolescent Online Game Players. <i>Frontiers in Psychiatry</i> , 2018, 9, 67.	1.3	28
1807	Increased Salience Network Activity in Patients With Insomnia Complaints in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 93.	1.3	38
1808	Increased Default Mode Network Connectivity in Obsessive-Compulsive Disorder During Reward Processing. <i>Frontiers in Psychiatry</i> , 2018, 9, 254.	1.3	29
1809	Amplification and Suppression of Distinct Brainwide Activity Patterns by Catecholamines. <i>Journal of Neuroscience</i> , 2018, 38, 7476-7491.	1.7	26
1810	Functional connectivity of the brain in older women with urgency urinary incontinence. <i>Neurourology and Urodynamics</i> , 2018, 37, 2763-2775.	0.8	23
1811	Increasing isoflurane dose reduces homotopic correlation and functional segregation of brain networks in mice as revealed by resting-state fMRI. <i>Scientific Reports</i> , 2018, 8, 10591.	1.6	34
1812	Brain Perfusion Measurements Using Multidelay Arterial Spin-Labeling Are Systematically Biased by the Number of Delays. <i>American Journal of Neuroradiology</i> , 2018, 39, 1432-1438.	1.2	21
1813	Differential effects of non-dual and focused attention meditations on the formation of automatic perceptual habits in expert practitioners. <i>Neuropsychologia</i> , 2018, 119, 92-100.	0.7	31
1814	Mean Diffusivity in the Dopaminergic System and Neural Differences Related to Dopaminergic System. <i>Current Neuropharmacology</i> , 2018, 16, 460-474.	1.4	21
1815	Evidence for Plastic Processes in Migraine with Aura: A Diffusion Weighted MRI Study. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 138.	0.9	39
1816	Failure to Replicate the Association Between Fractional Anisotropy and the Serotonin Transporter Gene (5-HTTLPR, rs25531). <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 80.	1.0	2
1817	Aberrant Effective Connectivity of the Right Anterior Insula in Primary Insomnia. <i>Frontiers in Neurology</i> , 2018, 9, 317.	1.1	29
1818	Altered Whole-Brain and Network-Based Functional Connectivity in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 419.	1.1	51
1819	Diffusion Tensor Imaging (DTI) Correlates of Self-Reported Sleep Quality and Depression Following Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 468.	1.1	32
1820	A Knowledge-Based Arrangement of Prototypical Neural Representation Prior to Experience Contributes to Selectivity in Upcoming Knowledge Acquisition. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 111.	1.0	3

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1822	Detecting Large-Scale Brain Networks Using EEG: Impact of Electrode Density, Head Modeling and Source Localization. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 4.	1.3	95
1823	Childhood Emotional Abuse Moderates Associations Among Corticomotor White Matter Structure and Stress Neuromodulators in Women With and Without Depression. <i>Frontiers in Neuroscience</i> , 2018, 12, 256.	1.4	9
1824	Cortical Statistical Correlation Tomography of EEG Resting State Networks. <i>Frontiers in Neuroscience</i> , 2018, 12, 365.	1.4	12
1825	Resting-State Functional Magnetic Resonance Imaging and Probabilistic Diffusion Tensor Imaging Demonstrate That the Greatest Functional and Structural Connectivity in the Hand Motor Homunculus Occurs in the Area of the Thumb. <i>Brain Connectivity</i> , 2018, 8, 371-379.	0.8	6
1826	Time-generalized multivariate analysis of EEG responses reveals a cascading architecture of semantic mismatch processing. <i>Brain and Language</i> , 2018, 184, 43-53.	0.8	15
1827	White matter microstructure in anorexia nervosa. <i>Human Brain Mapping</i> , 2018, 39, 4385-4392.	1.9	24
1828	Pupil mimicry promotes trust through the theory-of-mind network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7265-E7274.	3.3	66
1829	Brain Iron at Quantitative MRI Is Associated with Disability in Multiple Sclerosis. <i>Radiology</i> , 2018, 289, 487-496.	3.6	75
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1831	Asymmetric neural tracking of gain and loss magnitude during adolescence. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 785-796.	1.5	22
1832	Lateral parietal contributions to memory impairment in posterior cortical atrophy. <i>NeuroImage: Clinical</i> , 2018, 20, 252-259.	1.4	25
1833	Associative Prediction of Visual Shape in the Hippocampus. <i>Journal of Neuroscience</i> , 2018, 38, 6888-6899.	1.7	90
1834	White matter correlates of temporal discounting in older adults. <i>Brain Structure and Function</i> , 2018, 223, 3653-3663.	1.2	9
1835	Obesity influences white matter integrity in schizophrenia. <i>Psychoneuroendocrinology</i> , 2018, 97, 135-142.	1.3	26
1836	Structural Neural Correlates of Physiological Mirror Activity During Isometric Contractions of Non-Dominant Hand Muscles. <i>Scientific Reports</i> , 2018, 8, 9178.	1.6	9
1837	Using SPM 12's Second-Level Bayesian Inference Procedure for fMRI Analysis: Practical Guidelines for End Users. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 1.	1.3	90
1838	What do results from coordinate-based meta-analyses tell us?. <i>NeuroImage</i> , 2018, 176, 550-553.	2.1	44

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1841	Different neural substrates for precision stepping and fast online step adjustments in youth. <i>Brain Structure and Function</i> , 2018, 223, 2039-2053.	1.2	15
1842	Integrated magnetic resonance imaging and [ <sup>11</sup> C]â€PBR28 positron emission tomographic imaging in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2018, 83, 1186-1197.	2.8	75
1843	Axonal chronic injury in treatment-naïve HIV+ adults with asymptomatic neurocognitive impairment and its relationship with clinical variables and cognitive status. <i>BMC Neurology</i> , 2018, 18, 66.	0.8	23
1844	Early Variations in White Matter Microstructure and Depression Outcome in Adolescents With Subthreshold Depression. <i>American Journal of Psychiatry</i> , 2018, 175, 1255-1264.	4.0	26
1845	White matter microstructure is altered in cognitively normal middle-aged APOE-Îµ4 homozygotes. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 48.	3.0	43
1846	Language Exposure Relates to Structural Neural Connectivity in Childhood. <i>Journal of Neuroscience</i> , 2018, 38, 7870-7877.	1.7	161
1847	Correlation of neurochemical and imaging markers in migraine. <i>Neurology</i> , 2018, 91, e1166-e1174.	1.5	9
1848	Global Hippocampal Volume Reductions and Local CA1 Shape Deformations in Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 565.	1.1	19
1849	Cerebral White Matter Changes in Young Healthy Individuals With High Trait Anxiety: A Tract-Based Spatial Statistics Study. <i>Frontiers in Neurology</i> , 2018, 9, 704.	1.1	24
1850	Structural and functional changes of the visual cortex in early Huntington's disease. <i>Human Brain Mapping</i> , 2018, 39, 4776-4786.	1.9	27
1851	Cross-decoding supramodal information in the human brain. <i>Brain Structure and Function</i> , 2018, 223, 4087-4098.	1.2	8
1852	Fast and powerful genome wide association of dense genetic data with high dimensional imaging phenotypes. <i>Nature Communications</i> , 2018, 9, 3254.	5.8	6
1854	Integrated imaging of [11C]-PBR28 PET, MR diffusion and magnetic resonance spectroscopy 1H-MRS in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2018, 20, 357-364.	1.4	45
1855	Neuroanatomical Correlates of the Unity and Diversity Model of Executive Function in Young Adults. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 283.	1.0	24
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1857	Serotonin transporter occupancy by the SSRI citalopram predicts default-mode network connectivity. <i>European Neuropsychopharmacology</i> , 2018, 28, 1173-1179.	0.3	15



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1859	The Neurocognitive Architecture of Individual Differences in Math Anxiety in Typical Children. <i>Scientific Reports</i> , 2018, 8, 8500.	1.6	14
1860	Multimodal neuroimaging measures and intelligence influence pedophile child sexual offense behavior. <i>European Neuropsychopharmacology</i> , 2018, 28, 818-827.	0.3	22
1861	Childhood abuse and white matter integrity in bipolar disorder patients and healthy controls. <i>European Neuropsychopharmacology</i> , 2018, 28, 807-817.	0.3	20
1862	Neural correlates of improved recognition of happy faces after erythropoietin treatment in bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 336-347.	2.2	5
1863	Beyond bilingualism: multilingual experience correlates with caudate volume. <i>Brain Structure and Function</i> , 2018, 223, 3495-3502.	1.2	36
1864	Abnormal spontaneous brain activity is associated with impaired emotion and cognition in hyperthyroidism: A rs-fMRI study. <i>Behavioural Brain Research</i> , 2018, 351, 188-194.	1.2	13
1865	Learning of goal-relevant and -irrelevant complex visual sequences in human V1. <i>NeuroImage</i> , 2018, 179, 215-224.	2.1	10
1866	Early-life and pubertal stress differentially modulate grey matter development in human adolescents. <i>Scientific Reports</i> , 2018, 8, 9201.	1.6	71
1867	Patients with primary biliary cholangitis and fatigue present with depressive symptoms and selected cognitive deficits, but with normal attention performance and brain structure. <i>PLoS ONE</i> , 2018, 13, e0190005.	1.1	11
1868	Estimating the functional dimensionality of neural representations. <i>NeuroImage</i> , 2018, 179, 51-62.	2.1	21
1869	Connectome-derived diffusion characteristics of the fornix in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 19, 331-342.	1.4	19
1870	Beyond the limbic system: disruption and functional compensation of large-scale brain networks in patients with anti-LGI1 encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1191-1199.	0.9	48
1871	Radial diffusivity as an imaging biomarker for early diagnosis of non-demented amyotrophic lateral sclerosis. <i>European Radiology</i> , 2018, 28, 4940-4948.	2.3	11
1872	Tracking emotions in the brain – Revisiting the Empathic Accuracy Task. <i>NeuroImage</i> , 2018, 178, 677-686.	2.1	44
1873	Greater Cortical Thickness Is Associated With Enhanced Sensory Function After Arm Rehabilitation in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 590-601.	1.4	12
1874	White matter alterations in Parkinson's disease with normal cognition precede grey matter atrophy. <i>PLoS ONE</i> , 2018, 13, e0187939.	1.1	57
1875	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. <i>PLoS ONE</i> , 2018, 13, e0191946.	1.1	20

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1877	Association Between Initial Age of Exposure to Childhood Abuse and Cognitive Control: Preliminary Evidence. <i>Journal of Traumatic Stress</i> , 2018, 31, 437-447.	1.0	6
1878	Chronotype differences in cortical thickness: grey matter reflects when you go to bed. <i>Brain Structure and Function</i> , 2018, 223, 3411-3421.	1.2	18
1879	Volume and shape of subcortical grey matter structures related to headache: A cross-sectional population-based imaging study in the Nord-Trøndelag Health Study. <i>Cephalalgia</i> , 2019, 39, 173-184.	1.8	14
1880	To Move or Not to Move? Functional Role of Ventral Premotor Cortex in Motor Monitoring During Limb Immobilization. <i>Cerebral Cortex</i> , 2019, 29, 273-282.	1.6	15
1881	Linguistic immersion and structural effects on the bilingual brain: a longitudinal study. <i>Bilingualism</i> , 2019, 22, 1160-1175.	1.0	53
1882	A view behind the mask of sanity: meta-analysis of aberrant brain activity in psychopaths. <i>Molecular Psychiatry</i> , 2019, 24, 463-470.	4.1	76
1883	White Matter Microstructure in Bipolar Disorder Is Influenced by the Interaction between a Glutamate Transporter EAAT1 Gene Variant and Early Stress. <i>Molecular Neurobiology</i> , 2019, 56, 702-710.	1.9	37
1884	12-h abstinence-induced functional connectivity density changes and craving in young smokers: a resting-state study. <i>Brain Imaging and Behavior</i> , 2019, 13, 953-962.	1.1	11
1885	White matter microstructural alterations in amblyopic adults revealed by diffusion spectrum imaging with systematic tract-based automatic analysis. <i>British Journal of Ophthalmology</i> , 2019, 103, 511-516.	2.1	9
1886	High-dose ondansetron reduces activation of interoceptive and sensorimotor brain regions. <i>Neuropsychopharmacology</i> , 2019, 44, 390-398.	2.8	19
1887	A Common CACNA1C Gene Risk Variant has Sex-Dependent Effects on Behavioral Traits and Brain Functional Activity. <i>Cerebral Cortex</i> , 2019, 29, 3211-3219.	1.6	9
1888	Impact of Low-Level Blast Exposure on Brain Function after a One-Day Tactile Training and the Ameliorating Effect of a Jugular Vein Compression Neck Collar Device. <i>Journal of Neurotrauma</i> , 2019, 36, 721-734.	1.7	11
1889	Cerebellar Structural Variations in Subjects with Different Hypnotizability. <i>Cerebellum</i> , 2019, 18, 109-118.	1.4	31
1890	Alteration to hippocampal volume and shape confined to cannabis dependence: a multi-site study. <i>Addiction Biology</i> , 2019, 24, 822-834.	1.4	30
1891	“Practice makes perfect”-white matter microstructural characteristic predicts the degree of improvement in within-trial conflict processing across two weeks. <i>Brain Imaging and Behavior</i> , 2019, 13, 841-851.	1.1	0
1892	Abnormalities of regional homogeneity and its correlation with clinical symptoms in Naïve patients with first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , 2019, 13, 503-513.	1.1	37
1893	DTI-derived indexes of brain WM correlate with cognitive performance in vascular MCI and small-vessel disease. A TBSS study. <i>Brain Imaging and Behavior</i> , 2019, 13, 594-602.	1.1	16

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1895	Differentiation of Early Alzheimer's Disease, Mild Cognitive Impairment, and Cognitively Healthy Elderly Samples Using Multimodal Neuroimaging Indices. <i>Brain Connectivity</i> , 2019, 9, 730-741.	0.8	12
1896	Brainstem and spinal cord MRI identifies altered sensorimotor pathways post-stroke. <i>Nature Communications</i> , 2019, 10, 3524.	5.8	61
1897	Reorganization of brain networks and its association with general cognitive performance over the adult lifespan. <i>Scientific Reports</i> , 2019, 9, 11352.	1.6	66
1898	White Matter by Diffusion MRI Following Methylphenidate Treatment: A Randomized Control Trial in Males with Attention-Deficit/Hyperactivity Disorder. <i>Radiology</i> , 2019, 293, 186-192.	3.6	44
1899	Alterations in White Matter Network and Microstructural Integrity Differentiate Parkinson's Disease Patients and Healthy Subjects. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 191.	1.7	18
1900	Degrees of lateralisation in semantic cognition: Evidence from intrinsic connectivity. <i>NeuroImage</i> , 2019, 202, 116089.	2.1	36
1901	Repeated Sport-Related Concussion Shows Only Minimal White Matter Differences Many Years After Playing High School Football. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 950-960.	1.2	14
1902	Sexual trauma history is associated with reduced orbitofrontal network strength in substance-dependent women. <i>NeuroImage: Clinical</i> , 2019, 24, 101973.	1.4	5
1903	Spatial distributions of cholinergic impairment and neuronal hypometabolism differ in MCI due to AD. <i>NeuroImage: Clinical</i> , 2019, 24, 101978.	1.4	11
1904	Cyfp1 haploinsufficient rats show white matter changes, myelin thinning, abnormal oligodendrocytes and behavioural inflexibility. <i>Nature Communications</i> , 2019, 10, 3455.	5.8	56
1905	The neural representation of facial-emotion categories reflects conceptual structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15861-15870.	3.3	39
1906	Cerebral Multishell Diffusion Imaging Parameters are Associated with Blood Biomarkers of Disease Severity in HIV Infection. <i>Journal of Neuroimaging</i> , 2019, 29, 771-778.	1.0	7
1907	Reduced fractional anisotropy in depressed patients due to childhood maltreatment rather than diagnosis. <i>Neuropsychopharmacology</i> , 2019, 44, 2065-2072.	2.8	30
1908	Early postpartum resting-state functional connectivity for mothers receiving buprenorphine treatment for opioid use disorder: A pilot study. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12770.	1.2	20
1909	Linking resting-state networks and social cognition in schizophrenia and bipolar disorder. <i>Human Brain Mapping</i> , 2019, 40, 4703-4715.	1.9	47
1910	Every hit matters: White matter diffusivity changes in high school football athletes are correlated with repetitive head acceleration event exposure. <i>NeuroImage: Clinical</i> , 2019, 24, 101930.	1.4	27
1911	Right arcuate fasciculus and superior longitudinal fasciculus abnormalities in primary insomnia. <i>Brain Imaging and Behavior</i> , 2019, 13, 1746-1755.	1.1	18

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1912	Interplay Between Macular Retinal Changes and White Matter Integrity in Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 723-732.	1.2	11
1913	Seeing versus knowing: The temporal dynamics of real and implied colour processing in the human brain. <i>NeuroImage</i> , 2019, 200, 373-381.	2.1	27
1914	Brain structural differences in monozygotic twins discordant for body mass index. <i>NeuroImage</i> , 2019, 201, 116006.	2.1	14
1915	Validation of a Novel Multivariate Method of Defining HIV-Associated Cognitive Impairment. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz198.	0.4	10
1916	Early limbic microstructural alterations in apathy and depression in de novo Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 1644-1654.	2.2	52
1917	Disruption of resting-state functional connectivity of right posterior insula in adolescents and young adults with major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 257, 23-30.	2.0	33
1918	An ICA based approach for steady-state and transient analysis of task fMRI data: Application to study of thermal pain response. <i>Journal of Neuroscience Methods</i> , 2019, 326, 108356.	1.3	3
1919	Exploring Microstructure Asymmetries in the Infant Brain Cortex: A Methodological Framework Combining Structural and Diffusion Mri. , 2019, , .		3
1920	Eigenvector Centrality Dynamics From Resting-State fMRI: Gender and Age Differences in Healthy Subjects. <i>Frontiers in Neuroscience</i> , 2019, 13, 648.	1.4	19
1921	The superior longitudinal fasciculus and its functional triple-network mechanisms in brooding. <i>NeuroImage: Clinical</i> , 2019, 24, 101935.	1.4	22
1922	Using EQ-PET to reduce reconstruction-dependent variations in [18F]FDG-PET brain imaging. <i>Physics in Medicine and Biology</i> , 2019, 64, 175002.	1.6	2
1923	Identifying Cortical Substrates Underlying the Phenomenology of Stereopsis and Realness: A Pilot fMRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 646.	1.4	6
1924	Insular volume reductions in patients with major depressive disorder. <i>Neurology Psychiatry and Brain Research</i> , 2019, 33, 39-47.	2.0	5
1925	Natural killer cells protect white matter integrity in bipolar disorder. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 410-421.	2.0	25
1926	Permutation Statistics for Connectivity Analysis between Regions of Interest in EEG and MEG Data. <i>Scientific Reports</i> , 2019, 9, 7942.	1.6	18
1927	Spatial signature of dose patterns associated with acute radiation-induced lung damage in lung cancer patients treated with stereotactic body radiation therapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 155006.	1.6	19
1928	Interindividual differences in gray and white matter properties are associated with early complex motor skill acquisition. <i>Human Brain Mapping</i> , 2019, 40, 4316-4330.	1.9	16
1929	Neurocomputational mechanisms underlying motivated seeing. <i>Nature Human Behaviour</i> , 2019, 3, 962-973.	6.2	39

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1931	Predicting domain-specific actions in expert table tennis players activates the semantic brain network. <i>NeuroImage</i> , 2019, 200, 482-489.	2.1	21
1932	Multiple associative structures created by reinforcement and incidental statistical learning mechanisms. <i>Nature Communications</i> , 2019, 10, 4835.	5.8	29
1933	History of fatigue in multiple sclerosis is associated with grey matter atrophy. <i>Scientific Reports</i> , 2019, 9, 14781.	1.6	24
1934	Inward versus reward: white matter pathways in extraversion. <i>Personality Neuroscience</i> , 2019, 2, e6.	1.3	2
1935	Hippocampal pathology in amyotrophic lateral sclerosis: selective vulnerability of subfields and their associated projections. <i>Neurobiology of Aging</i> , 2019, 84, 178-188.	1.5	59
1936	White matter microstructure correlates with mathematics but not word reading performance in 13-year-old children born very preterm and full-term. <i>NeuroImage: Clinical</i> , 2019, 24, 101944.	1.4	17
1937	Gray Matter Age Prediction as a Biomarker for Risk of Dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21213-21218.	3.3	147
1938	Mean diffusivity associated with trait emotional intelligence. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 871-883.	1.5	2
1939	Culture-Related and Individual Differences in Regional Brain Volumes: A Cross-Cultural Voxel-Based Morphometry Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 313.	1.0	18
1940	Characteristic alteration of subcortical nuclei shape in medication-free patients with obsessive-compulsive disorder. <i>NeuroImage: Clinical</i> , 2019, 24, 102040.	1.4	11
1941	Diffusion tensor imaging in orthostatic tremor: a tract-based spatial statistics study. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2212-2222.	1.7	9
1942	Differentiation of multiple system atrophy from Parkinson's disease by structural connectivity derived from probabilistic tractography. <i>Scientific Reports</i> , 2019, 9, 16488.	1.6	25
1943	White matter structure in schizophrenia and autism: Abnormal diffusion across the brain in schizophrenia. <i>Neuropsychologia</i> , 2019, 135, 107233.	0.7	12
1944	Effects of Expressive Writing on Neural Processing During Learning. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 389.	1.0	8
1945	Changes in brain activity after weight loss. <i>Obesity Science and Practice</i> , 2019, 5, 459-467.	1.0	8
1946	Task-based fMRI predicts response and remission to exposure therapy in obsessive-compulsive disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20346-20353.	3.3	22
1947	Modulation of Distinct Intrinsic Resting State Brain Networks by Acute Exercise Bouts of Differing Intensity. <i>Brain Plasticity</i> , 2019, 5, 39-55.	1.9	45

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1949	Clinical and neural responses to cognitive behavioral therapy for functional tremor. <i>Neurology</i> , 2019, 93, e1787-e1798.	1.5	73
1950	Altered Resting State Functional Activity and Microstructure of the White Matter in Migraine With Aura. <i>Frontiers in Neurology</i> , 2019, 10, 1039.	1.1	17
1951	Distinctive Patterns of Seizure-Related White Matter Alterations in Right and Left Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 986.	1.1	6
1952	Resonance-Paced Breathing Alters Neural Response to Visual Cues: Proof-of-Concept for a Neuroscience-Informed Adjunct to Addiction Treatments. <i>Frontiers in Psychiatry</i> , 2019, 10, 624.	1.3	18
1953	Fast Adaptive Smoothing and Thresholding for Improved Activation Detection in Low-Signal fMRI. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2821-2828.	5.4	3
1954	Functional brain effects of acute concussion in Australian rules football players. <i>Journal of Concussion</i> , 2019, 3, 205970021986120.	0.2	8
1955	Widespread higher fractional anisotropy associates to better cognitive functions in individuals at ultra-high risk for psychosis. <i>Human Brain Mapping</i> , 2019, 40, 5185-5201.	1.9	22
1956	Untangling featural and conceptual object representations. <i>NeuroImage</i> , 2019, 202, 116083.	2.1	34
1957	Experience-dependent neuroplasticity in trained musicians modulates the effects of chronic pain on insula-based networks – A resting-state fMRI study. <i>NeuroImage</i> , 2019, 202, 116103.	2.1	11
1958	Mean diffusivity related to rule-breaking guilt: the Macbeth effect in the sensorimotor regions. <i>Scientific Reports</i> , 2019, 9, 12227.	1.6	3
1959	Altered White Matter Integrity after Mild to Moderate Traumatic Brain Injury. <i>Journal of Clinical Medicine</i> , 2019, 8, 1318.	1.0	12
1960	Increased functional connectivity of thalamic subdivisions in patients with Parkinson's disease. <i>PLoS ONE</i> , 2019, 14, e0222002.	1.1	20
1961	Sphingomyelin in Brain and Cognitive Development: Preliminary Data. <i>ENeuro</i> , 2019, 6, ENEURO.0421-18.2019.	0.9	69
1962	Significant Neuroanatomical Variation Among Domestic Dog Breeds. <i>Journal of Neuroscience</i> , 2019, 39, 7748-7758.	1.7	64
1963	White matter microstructure mediates the association between physical fitness and cognition in healthy, young adults. <i>Scientific Reports</i> , 2019, 9, 12885.	1.6	47
1964	Microglia-Triggered Plasticity of Intrinsic Excitability Modulates Psychomotor Behaviors in Acute Cerebellar Inflammation. <i>Cell Reports</i> , 2019, 28, 2923-2938.e8.	2.9	78
1965	The effect of white matter hyperintensities on regional brain volumes and white matter microstructure, a population-based study in HUNT. <i>NeuroImage</i> , 2019, 203, 116158.	2.1	20

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1967	Increased neural reactivity to emotional pictures in men with high hair testosterone concentrations. Social Cognitive and Affective Neuroscience, 2019, 14, 1009-1016.	1.5	6
1968	Networks Disrupted in Linguistic Variants of Frontotemporal Dementia. Frontiers in Neurology, 2019, 10, 903.	1.1	11
1969	Brain oscillations in cognitive control: A cross-sectional study with a spatial stroop task. Neuropsychologia, 2019, 133, 107190.	0.7	34
1970	Regional Structural Hippocampal Differences Between Dementia with Lewy Bodies and Parkinson's Disease. Journal of Parkinson's Disease, 2019, 9, 775-783.	1.5	8
1971	Managing Load Uncertainty Leveraging Real-time Scheduling of Energy Storage System. IFAC-PapersOnLine, 2019, 52, 258-263.	0.5	0
1972	Frontal cortex differentiates between free and imposed target selection in multiple-target search. Neurolmage, 2019, 202, 116133.	2.1	9
1973	Interactive effect of age and APOE- $\epsilon$ 4 allele load on white matter myelin content in cognitively normal middle-aged subjects. Neurolmage: Clinical, 2019, 24, 101983.	1.4	30
1974	Auditory cortical generators of the Frequency Following Response are modulated by intermodal attention. Neurolmage, 2019, 203, 116185.	2.1	46
1975	Evaluating Alternative Correction Methods for Multiple Comparison in Functional Neuroimaging Research. Brain Sciences, 2019, 9, 198.	1.1	22
1976	MRtrix3: A fast, flexible and open software framework for medical image processing and visualisation. Neurolmage, 2019, 202, 116137.	2.1	1,555
1977	Large-scale intrinsic connectivity is consistent across varying task demands. PLoS ONE, 2019, 14, e0213861.	1.1	20
1978	An amygdala-cingulate network underpins changes in effort-based decision making after a fitness program. Neurolmage, 2019, 203, 116181.	2.1	21
1979	Personalized microstructural evaluation using a Mahalanobis-distance based outlier detection strategy on epilepsy patients's DTI data " Theory, simulations and example cases. PLoS ONE, 2019, 14, e0222720.	1.1	3
1980	Implications of large-sample neuroimaging studies of creativity measured by divergent thinking. Current Opinion in Behavioral Sciences, 2019, 27, 139-145.	2.0	15
1981	The relationship between the Wechsler Memory Scale-Revised scores and whole-brain structure in patients with schizophrenia and healthy individuals. Cognitive Neuropsychiatry, 2019, 24, 80-91.	0.7	7
1982	Hyperactivity/restlessness is associated with increased functional connectivity in adults with ADHD: a dimensional analysis of resting state fMRI. BMC Psychiatry, 2019, 19, 43.	1.1	39
1983	Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis. Neurolmage: Clinical, 2019, 21, 101668.	1.4	20

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1985	Statistical nonparametric mapping: Multivariate permutation tests for location, correlation, and regression problems in neuroimaging. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2019, 11, e1457.	2.1	18
1986	Acute stress alters the "default" brain processing. <i>NeuroImage</i> , 2019, 189, 870-877.	2.1	75
1987	Temporal dynamics of the pharmacological MRI response to subanaesthetic ketamine in healthy volunteers: A simultaneous EEG/fMRI study. <i>Journal of Psychopharmacology</i> , 2019, 33, 219-229.	2.0	18
1988	Acceptance versus reappraisal: Behavioral, autonomic, and neural effects. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 927-944.	1.0	56
1989	Reduced White Matter Fiber Density in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2019, 29, 1778-1788.	1.6	67
1990	Spaceflight-Associated Brain White Matter Microstructural Changes and Intracranial Fluid Redistribution. <i>JAMA Neurology</i> , 2019, 76, 412.	4.5	103
1991	Maternal Adiposity Influences Neonatal Brain Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 514.	1.0	22
1992	Preserved white matter microstructure in adolescent patients with atypical anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2019, 52, 166-174.	2.1	16
1993	Increased Peripheral Interleukin 10 Relate to White Matter Integrity in Schizophrenia. <i>Frontiers in Neuroscience</i> , 2019, 13, 52.	1.4	24
1994	Distinct roles of temporal and frontoparietal cortex in representing actions across vision and language. <i>Nature Communications</i> , 2019, 10, 289.	5.8	76
1995	When less is more: Structural correlates of core executive functions in young adults " A VBM and cortical thickness study. <i>NeuroImage</i> , 2019, 189, 896-903.	2.1	25
1996	Intrinsic mesocorticolimbic connectivity is negatively associated with social amotivation in people with schizophrenia. <i>Schizophrenia Research</i> , 2019, 208, 353-359.	1.1	18
1997	Spatial distribution of multiple sclerosis lesions in the cervical spinal cord. <i>Brain</i> , 2019, 142, 633-646.	3.7	75
1998	Neurocognitive and neuroanatomical maturation in the clinical high-risk states for psychosis: A pattern recognition study. <i>NeuroImage: Clinical</i> , 2019, 21, 101624.	1.4	11
1999	Juvenile myoclonic epilepsy has hyper dynamic functional connectivity in the dorsolateral frontal cortex. <i>NeuroImage: Clinical</i> , 2019, 21, 101604.	1.4	20
2000	The Large-Scale Organization of Gestures and Words in the Middle Temporal Gyrus. <i>Journal of Neuroscience</i> , 2019, 39, 5966-5974.	1.7	30
2001	Neuroanatomical and Functional Correlates of Cognitive and Affective Empathy in Young Healthy Adults. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 85.	1.0	25



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2003	Assessing Cerebral White Matter Microstructure in Children With Congenital Sensorineural Hearing Loss: A Tract-Based Spatial Statistics Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 597.	1.4	10
2004	Clinical and neuroimaging correlates of cognition in HIV. <i>Journal of NeuroVirology</i> , 2019, 25, 754-764.	1.0	14
2005	EEG evidence of compensatory mechanisms in preclinical Alzheimer's disease. <i>Brain</i> , 2019, 142, 2096-2112.	3.7	131
2006	White matter alterations in adult with autism spectrum disorder evaluated using diffusion kurtosis imaging. <i>Neuroradiology</i> , 2019, 61, 1343-1353.	1.1	13
2007	Altered Cellular White Matter But Not Extracellular Free Water on Diffusion MRI in Individuals at Clinical High Risk for Psychosis. <i>American Journal of Psychiatry</i> , 2019, 176, 820-828.	4.0	28
2008	Empathizing associates with mean diffusivity. <i>Scientific Reports</i> , 2019, 9, 8856.	1.6	17
2009	Gray matter volume changes following antipsychotic therapy in first-episode schizophrenia patients: A longitudinal voxel-based morphometric study. <i>Journal of Psychiatric Research</i> , 2019, 116, 126-132.	1.5	24
2010	Auditory and Semantic Cues Facilitate Decoding of Visual Object Category in MEG. <i>Cerebral Cortex</i> , 2020, 30, 597-606.	1.6	7
2011	Reduced safety processing during aversive social conditioning in psychosis and clinical risk. <i>Neuropsychopharmacology</i> , 2019, 44, 2247-2253.	2.8	7
2012	Influence of muscarinic M1 receptor antagonism on brain choline levels and functional connectivity in medication-free subjects with psychosis: A placebo controlled, cross-over study. <i>Psychiatry Research - Neuroimaging</i> , 2019, 290, 5-13.	0.9	7
2013	Purkinje cell number-correlated cerebrocerebellar circuit anomaly in the valproate model of autism. <i>Scientific Reports</i> , 2019, 9, 9225.	1.6	16
2014	Neural substrates of self- and external-preoccupation: A voxel-based morphometry study. <i>Brain and Behavior</i> , 2019, 9, e01267.	1.0	2
2015	Towards an optimised processing pipeline for diffusion magnetic resonance imaging data: Effects of artefact corrections on diffusion metrics and their age associations in UK Biobank. <i>Human Brain Mapping</i> , 2019, 40, 4146-4162.	1.9	64
2016	Structural and Functional Reorganization of the Brain in Migraine Without Aura. <i>Frontiers in Neurology</i> , 2019, 10, 442.	1.1	31
2017	Subcortical amyloid load is associated with shape and volume in cognitively normal individuals. <i>Human Brain Mapping</i> , 2019, 40, 3951-3965.	1.9	9
2018	A metabolic profile of polyamines in parkinson disease: A promising biomarker. <i>Annals of Neurology</i> , 2019, 86, 251-263.	2.8	74
2019	The time-course of component processes of selective attention. <i>NeuroImage</i> , 2019, 199, 396-407.	2.1	14

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2021	Schizophrenia Exhibits Bi-directional Brain-Wide Alterations in Cortico-Striato-Cerebellar Circuits. <i>Cerebral Cortex</i> , 2019, 29, 4463-4487.	1.6	27
2022	Cognitive and White-Matter Compartment Models Reveal Selective Relations between Corticospinal Tract Microstructure and Simple Reaction Time. <i>Journal of Neuroscience</i> , 2019, 39, 5910-5921.	1.7	27
2023	Impaired Self-Other Distinction and Subcortical Gray-Matter Alterations Characterize Socio-Cognitive Disturbances in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 525.	1.1	14
2024	Higher nicotinic receptor availability in the cingulo-insular network is associated with lower cardiac parasympathetic tone. <i>Journal of Comparative Neurology</i> , 2019, 527, 3014-3022.	0.9	3
2025	Abnormalities of hippocampal shape and subfield volumes in medication-free patients with obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2019, 40, 4105-4113.	1.9	15
2026	The Ventral Visual Pathway Represents Animal Appearance over Animacy, Unlike Human Behavior and Deep Neural Networks. <i>Journal of Neuroscience</i> , 2019, 39, 6513-6525.	1.7	60
2027	Ischemic Stroke in Pontine and Corona Radiata: Location Specific Impairment of Neural Network Investigated With Resting State fMRI. <i>Frontiers in Neurology</i> , 2019, 10, 575.	1.1	18
2028	Enhanced Theta-Band Coherence Between Midfrontal and Posterior Parietal Areas Reflects Post-feedback Adjustments in the State of Outcome Uncertainty. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 14.	1.0	11
2029	Common spatiotemporal processing of visual features shapes object representation. <i>Scientific Reports</i> , 2019, 9, 7601.	1.6	7
2030	Accelerated estimation and permutation inference for ACE modeling. <i>Human Brain Mapping</i> , 2019, 40, 3488-3507.	1.9	19
2031	Developmental Maturation of the Precuneus as a Functional Core of the Default Mode Network. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1506-1519.	1.1	52
2032	Effects of subthalamic deep brain stimulation on striatal metabolic connectivity in a rat hemiparkinsonian model. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	8
2033	Simultaneous fMRI-EEG-DTI recording of MMN in patients with schizophrenia. <i>PLoS ONE</i> , 2019, 14, e0215023.	1.1	13
2034	Diffusion Tensor Imaging Biomarkers to Predict Motor Outcomes in Stroke: A Narrative Review. <i>Frontiers in Neurology</i> , 2019, 10, 445.	1.1	65
2035	fMRI biomarkers of social cognitive skills training in psychosis: Extrinsic and intrinsic functional connectivity. <i>PLoS ONE</i> , 2019, 14, e0214303.	1.1	3
2036	Cholinergic and serotonergic modulation of resting state functional brain connectivity in Alzheimer's disease. <i>NeuroImage</i> , 2019, 199, 143-152.	2.1	30
2037	Measuring shared responses across subjects using intersubject correlation. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 667-685.	1.5	208

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2039	A neural signature of metabolic syndrome. <i>Human Brain Mapping</i> , 2019, 40, 3575-3588.	1.9	26
2040	Reward anticipation and punishment anticipation are instantiated in the brain via opponent mechanisms. <i>Psychophysiology</i> , 2019, 56, e13381.	1.2	13
2041	Parsing neurodevelopmental features of irritability and anxiety: Replication and validation of a latent variable approach. <i>Development and Psychopathology</i> , 2019, 31, 917-929.	1.4	18
2042	Perceived Gaze Direction Differentially Affects Discrimination of Facial Emotion, Attention, and Gender – An ERP Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 517.	1.4	24
2043	Individual differences in science competence among students are associated with ventrolateral prefrontal cortex activation. <i>Journal of Neuroscience Research</i> , 2019, 97, 1163-1178.	1.3	11
2044	Age- and disease-related cerebral white matter changes in patients with Parkinson's disease. <i>Neurobiology of Aging</i> , 2019, 80, 203-209.	1.5	31
2045	White matter microstructural differences identified using multi-shell diffusion imaging in six-year-old children born very preterm. <i>NeuroImage: Clinical</i> , 2019, 23, 101855.	1.4	43
2046	Developmentally divergent sexual dimorphism in the cortico-striatal-thalamic cortical psychosis risk pathway. <i>Neuropsychopharmacology</i> , 2019, 44, 1649-1658.	2.8	21
2047	People represent their own mental states more distinctly than those of others. <i>Nature Communications</i> , 2019, 10, 2117.	5.8	36
2048	White matter microstructure is associated with hyperactive/inattentive symptomatology and polygenic risk for attention-deficit/hyperactivity disorder in a population-based sample of adolescents. <i>Neuropsychopharmacology</i> , 2019, 44, 1597-1603.	2.8	22
2049	Neuroimaging Evidence for Right Orbitofrontal Cortex Differences in Adolescents With Emotional and Behavioral Dysregulation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1092-1103.	0.3	11
2050	Neurophysiological Correlates of Gait Retraining With Real-Time Visual and Auditory Feedback. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1341-1349.	2.7	15
2051	Similarity judgments and cortical visual responses reflect different properties of object and scene categories in naturalistic images. <i>NeuroImage</i> , 2019, 197, 368-382.	2.1	43
2052	Structural connectivity prior to whole-body sensorimotor skill learning associates with changes in resting state functional connectivity. <i>NeuroImage</i> , 2019, 197, 191-199.	2.1	18
2053	Loss of Parietal Memory Network Integrity in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 67.	1.7	10
2054	The impact of elevated body mass on brain responses during appetitive prediction error in postpartum women. <i>Physiology and Behavior</i> , 2019, 206, 243-251.	1.0	2
2055	Cortical Thickness and Cognitive Performance After Out-of-Hospital Cardiac Arrest. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 296-306.	1.4	5

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2057	Novel Approach to Elucidate Human Baroreflex Regulation at the Brainstem Level: Pharmacological Testing During fMRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 193.	1.4	20
2058	Resting-state amplitude of low-frequency fluctuation is associated with suicidal ideation. <i>Depression and Anxiety</i> , 2019, 36, 433-441.	2.0	32
2059	Subtle white matter alterations in schizophrenia identified with a new measure of fiber density. <i>Scientific Reports</i> , 2019, 9, 4636.	1.6	25
2060	MEG sensor patterns reflect perceptual but not categorical similarity of animate and inanimate objects. <i>NeuroImage</i> , 2019, 193, 167-177.	2.1	40
2061	Tryptophan hydroxylase-2 polymorphism is associated with white matter integrity in first-episode, medication-naïve major depressive disorder patients. <i>Psychiatry Research - Neuroimaging</i> , 2019, 286, 4-10.	0.9	8
2062	Chronic, low-level oral exposure to marine toxin, domoic acid, alters whole brain morphometry in nonhuman primates. <i>NeuroToxicology</i> , 2019, 72, 114-124.	1.4	21
2063	Longitudinal analysis of structural changes following unilateral focused ultrasound thalamotomy. <i>NeuroImage: Clinical</i> , 2019, 22, 101754.	1.4	10
2064	The neural basis of meta-volition. <i>Communications Biology</i> , 2019, 2, 101.	2.0	1
2065	Connectivity between the visual word form area and the parietal lobe improves after the first year of reading instruction: a longitudinal MRI study in children. <i>Brain Structure and Function</i> , 2019, 224, 1519-1536.	1.2	25
2066	Regional Cerebral Perfusion and Cerebrovascular Reactivity in Elderly Controls With Subtle Cognitive Deficits. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 19.	1.7	17
2067	Mean diffusivity related to collectivism among university students in Japan. <i>Scientific Reports</i> , 2019, 9, 1338.	1.6	6
2068	Mirror neuron activations in encoding of psychic pain in borderline personality disorder. <i>NeuroImage: Clinical</i> , 2019, 22, 101737.	1.4	8
2069	Spontaneous synchronization to speech reveals neural mechanisms facilitating language learning. <i>Nature Neuroscience</i> , 2019, 22, 627-632.	7.1	121
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2154	The effects of breastfeeding versus formula-feeding on cerebral cortex maturation in infant rhesus macaques. <i>NeuroImage</i> , 2019, 184, 372-385.	2.1	27
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2183	Cesarean Delivery Impacts Infant Brain Development. <i>American Journal of Neuroradiology</i> , 2019, 40, 169-177.	1.2	26
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2187	Harmonization of White and Gray Matter Features in Diffusion Microarchitecture for Cross-Sectional Studies. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2019, , 21-29.	0.5	2
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2190	Neural response during emotion regulation in monozygotic twins at high familial risk of affective disorders. <i>NeuroImage: Clinical</i> , 2019, 21, 101598.	1.4	34
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2198	Brain Mechanisms of Attention Orienting Following Frustration: Associations With Irritability and Age in Youths. <i>American Journal of Psychiatry</i> , 2019, 176, 67-76.	4.0	90
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2201	Abnormal Cerebellar Connectivity Patterns in Patients with Parkinson's Disease and Freezing of Gait. <i>Cerebellum</i> , 2019, 18, 298-308.	1.4	58
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2205	An active cognitive lifestyle as a potential neuroprotective factor in Huntington's disease. <i>Neuropsychologia</i> , 2019, 122, 116-124.	0.7	17
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2208	Cluster failure revisited: Impact of first level design and physiological noise on cluster false positive rates. <i>Human Brain Mapping</i> , 2019, 40, 2017-2032.	1.9	60
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2211	Dissociable Disruptions in Thalamic and Hippocampal Resting-State Functional Connectivity in Youth with 22q11.2 Deletions. <i>Journal of Neuroscience</i> , 2019, 39, 1301-1319.	1.7	31
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2215	Early breast milk exposure modifies brain connectivity in preterm infants. <i>NeuroImage</i> , 2019, 184, 431-439.	2.1	90
2216	The Hippocampus Generalizes across Memories that Share Item and Context Information. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 24-35.	1.1	29
2217	Probabilistic TFCE: A generalized combination of cluster size and voxel intensity to increase statistical power. <i>NeuroImage</i> , 2019, 185, 12-26.	2.1	71

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2220	Neurocognitive Pathways in Attention-Deficit/Hyperactivity Disorder and White Matter Microstructure. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 233-242.	1.1	10
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2242	Emotion Regulation in Social Anxiety Disorder: Reappraisal and Acceptance of Negative Self-beliefs. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 119-129.	1.1	23
2243	The Rapid Emergence of Auditory Object Representations in Cortex Reflect Central Acoustic Attributes. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 111-123.	1.1	5
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2253	Volumetric magnetic resonance and diffusion tensor imaging of C58/J mice: neural correlates of repetitive behavior. <i>Brain Imaging and Behavior</i> , 2020, 14, 2084-2096.	1.1	17

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2350	The Topology of Pediatric Structural Asymmetries in Language-Related Cortex. <i>Symmetry</i> , 2020, 12, 1809.	1.1	6
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2354	Single Nucleotide Polymorphisms in Alzheimer's Disease Risk Genes Are Associated with Intrinsic Connectivity in Middle Age. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 309-320.	1.2	3
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2358	Evaluation of Ultrafast Wave-CAIPI MPRAGE for Visual Grading and Automated Measurement of Brain Tissue Volume. <i>American Journal of Neuroradiology</i> , 2020, 41, 1388-1396.	1.2	33
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2367	Brain voxel-based morphometry correlates of emotion dysregulation in attention-deficit hyperactivity disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 1388-1402.	1.1	11
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2372	Brain oscillatory activity associated with switch and mixing costs during reactive control. <i>Psychophysiology</i> , 2020, 57, e13642.	1.2	11
2373	Me first: Neural representations of fairness during three-party interactions. <i>Neuropsychologia</i> , 2020, 147, 107576.	0.7	3
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2377	Alterations in Microstructure and Local Fiber Orientation of White Matter Are Associated with Outcome after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2616-2623.	1.7	10
2378	Succeeding in deactivating: associations of hair zinc levels with functional and structural neural mechanisms. <i>Scientific Reports</i> , 2020, 10, 12364.	1.6	3
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2381	Brain structure and habitat: Do the brains of our children tell us where they have been brought up?. <i>NeuroImage</i> , 2020, 222, 117225.	2.1	8
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2388	Machine Learning Classification of Verified Head Impact Exposure Strengthens Associations with Brain Changes. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2772-2782.	1.3	7
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2393	Effects of genetic variability of CYP2D6 on neural substrates of sustained attention during on-task activity. <i>Translational Psychiatry</i> , 2020, 10, 338.	2.4	10
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2399	White matter fiber microstructure is associated with prior hospitalizations rather than acute symptomatology in major depressive disorder. <i>Psychological Medicine</i> , 2020, , 1-9.	2.7	4
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2413	Brain Plasticity in Charcot-Marie-Tooth Type 1A Patients? A Combined Structural and Diffusion MRI Study. <i>Frontiers in Neurology</i> , 2020, 11, 795.	1.1	7
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2422	EEG distinguishes heroic narratives in ISIS online video propaganda. <i>Scientific Reports</i> , 2020, 10, 19593.	1.6	4
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2436	Diffusion basis spectrum imaging provides insights into MS pathology. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2020, 7, .	3.1	25
2437	Relationship of Cerebral Blood Flow to Cognitive Function and Recovery in Early Chronic Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2180-2187.	1.7	23
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2455	Rapid contextualization of fragmented scene information in the human visual system. <i>NeuroImage</i> , 2020, 219, 117045.	2.1	12
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2467	First-Trimester Prenatal Dexamethasone Treatment Is Associated With Alterations in Brain Structure at Adult Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2575-2586.	1.8	20
2468	Resting-state fMRI analysis in apathetic Alzheimer's disease. <i>Diagnostic and Interventional Radiology</i> , 2020, 26, 363-369.	0.7	12
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2475	Cerebrospinal Fluid 7-Ketocholesterol Level is Associated with Amyloid- $\beta$ 242 and White Matter Microstructure in Cognitively Healthy Adults. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 643-656.	1.2	8
2476	Religious belief and cognitive conflict sensitivity: A preregistered fMRI study. <i>Cortex</i> , 2020, 129, 247-265.	1.1	10
2477	Relationships between abnormal neural activities and cognitive impairments in patients with drug-naïve first-episode schizophrenia. <i>BMC Psychiatry</i> , 2020, 20, 283.	1.1	21
2478	Structural abnormalities in nucleus accumbens in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2020, 271, 201-206.	2.0	3
2479	Effects of Simultaneously Performed Dual-Task Training with Aerobic Exercise and Working Memory Training on Cognitive Functions and Neural Systems in the Elderly. <i>Neural Plasticity</i> , 2020, 2020, 1-17.	1.0	17
2480	Serum neurofilament light chain levels are associated with white matter integrity in autosomal dominant Alzheimer's disease. <i>Neurobiology of Disease</i> , 2020, 142, 104960.	2.1	31
2481	Placebo-induced pain reduction is associated with negative coupling between brain networks at rest. <i>NeuroImage</i> , 2020, 219, 117024.	2.1	10
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2483	An Experimental Investigation of White Matter Venous Hemodynamics: Basic Physiology and Disruption in Neuroinflammatory Disease. <i>Frontiers in Neurology</i> , 2020, 11, 476.	1.1	0
2484	Correlation Between the Wechsler Adult Intelligence Scale- 3rd Edition Metrics and Brain Structure in Healthy Individuals: A Whole-Brain Magnetic Resonance Imaging Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 211.	1.0	11
2485	Manipulation of Self-Expansion Alters Responses to Attractive Alternative Partners. <i>Frontiers in Psychology</i> , 2020, 11, 938.	1.1	3
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2490	Decomposing Simon task BOLD activation using a drift-diffusion model framework. <i>Scientific Reports</i> , 2020, 10, 3938.	1.6	2
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2492	Network failures: When incentives trigger impulsive responses. <i>Human Brain Mapping</i> , 2020, 41, 2216-2228.	1.9	8
2493	Associations of neural processing of reward with posttraumatic stress disorder and secondary psychotic symptoms in trauma-affected refugees. <i>HÅrre Utbildning</i> , 2020, 11, 1730091.	1.4	9
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2496	Evidence for wakefulness-related changes to extracellular space in human brain white matter from diffusion-weighted MRI. <i>NeuroImage</i> , 2020, 212, 116682.	2.1	27
2497	Urate is closely linked to white matter integrity in multiple system atrophy. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1029-1039.	1.7	4
2498	Cortical and subcortical volume differences between Benign Epilepsy with Centrotemporal Spikes and Childhood Absence Epilepsy. <i>Epilepsy Research</i> , 2020, 166, 106407.	0.8	8
2499	White matter changes in children and adolescents with reactive attachment disorder: A diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2020, 303, 111129.	0.9	14
2500	A Comprehensive Approach to Disentangle the Effect of Cerebellar Damage on Physical Disability in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 529.	1.1	11
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2504	Dissociable neural correlates of stimulation intensity and detection in somatosensation. <i>NeuroImage</i> , 2020, 217, 116908.	2.1	27
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2507	Respiratory-related brain pulsations are increased in epilepsy—a two-centre functional MRI study. <i>Brain Communications</i> , 2020, 2, fcaa076.	1.5	15
2508	Regional hyperperfusion in cognitively normal <i>APOE</i> $\epsilon 4$ allele carriers in mid-life: analysis of ASL pilot data from the PREVENT-Dementia cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 861-866.	0.9	16
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2512	The relationship between loneliness and working-memory-related frontoparietal network connectivity in people with major depressive disorder. <i>Behavioural Brain Research</i> , 2020, 393, 112776.	1.2	4
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2515	In Vivo Evaluation of White Matter Abnormalities in Children with Duchenne Muscular Dystrophy Using DTI. <i>American Journal of Neuroradiology</i> , 2020, 41, 1271-1278.	1.2	9
2516	<scp>Mega&acircnalysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	1.9	51
2517	Combined Isoflurane-Remifentanyl Anaesthesia Permits Resting-State fMRI in Children with Severe Epilepsy and Intellectual Disability. <i>Brain Topography</i> , 2020, 33, 618-635.	0.8	1
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2519	Neuro-current response functions: A unified approach to MEG source analysis under the continuous stimuli paradigm. <i>NeuroImage</i> , 2020, 211, 116528.	2.1	14
2520	Test-retest reliability and sample size estimates after MRI scanner relocation. <i>NeuroImage</i> , 2020, 211, 116608.	2.1	30
2521	Correlation of microglial activation with white matter changes in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2020, 25, 102200.	1.4	17
2522	Artificial Intelligence for Cardiac Imaging-Genetics Research. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 6, 195.	1.1	16
2523	The Association Between Persistent White-Matter Abnormalities and Repeat Injury After Sport-Related Concussion. <i>Frontiers in Neurology</i> , 2019, 10, 1345.	1.1	16

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2524	Cortical sensitivity to natural scene structure. <i>Human Brain Mapping</i> , 2020, 41, 1286-1295.	1.9	27
2525	Altered speech-related cortical network in frontotemporal dementia. <i>Brain Stimulation</i> , 2020, 13, 765-773.	0.7	7
2526	Cortical Microstructural Alterations in Mild Cognitive Impairment and Alzheimer's Disease Dementia. <i>Cerebral Cortex</i> , 2020, 30, 2948-2960.	1.6	61
2527	Brain network interactions in transgender individuals with gender incongruence. <i>NeuroImage</i> , 2020, 211, 116613.	2.1	41
2528	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. <i>Journal of Neurotrauma</i> , 2021, 38, 2514-2529.	1.7	23
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2765	A Machine Learning Enhanced Mechanistic Simulation Framework for Functional Deficit Prediction in TBI. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 587082.	2.0	6
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2775	Prefrontal network dysfunctions in rapid eye movement sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2021, 85, 72-77.	1.1	15
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2797	Attenuated cerebral blood flow in frontolimbic and insular cortices in Alcohol Use Disorder: Relation to working memory. <i>Journal of Psychiatric Research</i> , 2021, 136, 140-148.	1.5	11
2798	Functional Connectivity of the Human Paraventricular Thalamic Nucleus: Insights From High Field Functional MRI. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 662293.	1.0	11
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2817	Proximity to dementia onset and multi-modal neuroimaging changes: The prevent-dementia study. <i>NeuroImage</i> , 2021, 229, 117749.	2.1	10
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2825	Cortical and subcortical signatures of conscious object recognition. <i>Nature Communications</i> , 2021, 12, 2930.	5.8	27
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2829	Effects of compassion training on brain responses to suffering others. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 1036-1047.	1.5	8
2831	Deciphering the scopolamine challenge rat model by preclinical functional MRI. <i>Scientific Reports</i> , 2021, 11, 10873.	1.6	1
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2833	Striatal dopamine synthesis capacity reflects smartphone social activity. <i>IScience</i> , 2021, 24, 102497.	1.9	22
2834	Alterations of Subcortical Brain Structures in Paradoxical and Psychophysiological Insomnia Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 661286.	1.3	16
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2867	Plastic Changes in Pain and Motor Network Induced by Chronic Burn Pain. <i>Journal of Clinical Medicine</i> , 2021, 10, 2592.	1.0	5
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2916	The association between white matter hyperintensities, cognition and regional neural activity in healthy subjects. <i>European Journal of Neuroscience</i> , 2021, 54, 5427-5443.	1.2	6

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2921	Gray matter correlates of reading fluency deficits: SES matters, IQ does not. <i>Brain Structure and Function</i> , 2021, 226, 2585-2601.	1.2	7
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2924	Extended Frontal Networks for Visual and Auditory Working Memory. <i>Cerebral Cortex</i> , 2022, 32, 855-869.	1.6	12
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2926	Distinct patterns of prefrontal cortical disengagement during inhibitory control in addiction: A meta-analysis based on population characteristics. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 255-269.	2.9	20
2927	Neuroimaging evidence for structural correlates in adolescents resilient to polysubstance use: A five-year follow-up study. <i>European Neuropsychopharmacology</i> , 2021, 49, 11-22.	0.3	7
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2933	Frontoparietal and Default Mode Network Contributions to Self-Referential Processing in Social Anxiety Disorder. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 187-198.	1.0	16
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2941	Connectivity alterations in autism reflect functional idiosyncrasy. <i>Communications Biology</i> , 2021, 4, 1078.	2.0	25
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2950	Saliency network glutamate and brain connectivity in medication-naïve first episode patients: A multimodal magnetic resonance spectroscopy and resting state functional connectivity MRI study. <i>NeuroImage: Clinical</i> , 2021, 32, 102845.	1.4	14
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2954	Widespread White Matter Alterations in Patients With Visual Snow Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 723805.	1.1	10
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2962	Social dysfunction is transdiagnostically associated with default mode network dysconnectivity in schizophrenia and Alzheimer's disease. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 264-277.	1.3	8
2963	White Matter Changes Following Chronic Restraint Stress and Neuromodulation: A Diffusion Magnetic Resonance Imaging Study in Young Male Rats. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 153-166.	1.0	7
2964	High School Sports-Related Concussion and the Effect of a Jugular Vein Compression Collar: A Prospective Longitudinal Investigation of Neuroimaging and Neurofunctional Outcomes. <i>Journal of Neurotrauma</i> , 2021, 38, 2811-2821.	1.7	4
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2968	Differential neural structures, intrinsic functional connectivity, and episodic memory in subjective cognitive decline and healthy controls. <i>Neurobiology of Aging</i> , 2021, 105, 159-173.	1.5	2
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2971	Brain White Matter Microstructure as a Risk Factor for Cognitive Decline After Chemotherapy for Breast Cancer. <i>Journal of Clinical Oncology</i> , 2021, 39, 3908-3917.	0.8	12
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2978	Cell-specific effects of Dyt1 knock-out on sensory processing, network-level connectivity, and motor deficits. <i>Experimental Neurology</i> , 2021, 343, 113783.	2.0	5
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2984	The neurobiology of human fear generalization: meta-analysis and working neural model. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 421-436.	2.9	26
2985	Neuroanatomical and cognitive correlates of visual hallucinations in Parkinson's disease and dementia with Lewy bodies: Voxel-based morphometry and neuropsychological meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 367-382.	2.9	21
2986	Criminal arrests associated with reduced regional brain volumes in an adult population with documented childhood lead exposure. <i>Environmental Research</i> , 2021, 201, 111559.	3.7	5
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2988	Cortico-striatal-thalamic loop as a neural correlate of neuroticism in the mind-body interface. <i>Journal of Psychosomatic Research</i> , 2021, 149, 110590.	1.2	0
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2992	Age- and gender-related differences in brain tissue microstructure revealed by multi-component T2 relaxometry. <i>Neurobiology of Aging</i> , 2021, 106, 68-79.	1.5	15
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2995	A soft baby carrier intervention enhances amygdala responses to infant crying in fathers: A randomized controlled trial. <i>Psychoneuroendocrinology</i> , 2021, 132, 105380.	1.3	14
2996	Addicted to green: priming effect of menthol cigarette packaging on brain response to smoking cues. <i>Tobacco Control</i> , 2023, 32, e45-e52.	1.8	2
2997	Structural brain correlates in major depression, anxiety disorders and post-traumatic stress disorder: A voxel-based morphometry meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 269-281.	2.9	51
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3014	Association of White Matter Integrity With Executive Function and Antidepressant Treatment Outcome in Patients With Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 1188-1198.	0.6	13
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3019	Brain structural and functional substrates of ADGRL3 (latrophilin 3) haplotype in attention-deficit/hyperactivity disorder. <i>Scientific Reports</i> , 2021, 11, 2373.	1.6	1
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3023	Impaired perception of illusory contours and cortical hypometabolism in patients with Parkinson's disease. <i>NeuroImage: Clinical</i> , 2021, 32, 102779.	1.4	2
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3025	Linking objective measures of physical activity and capability with brain structure in healthy community dwelling older adults. <i>NeuroImage: Clinical</i> , 2021, 31, 102767.	1.4	17
3026	Association of Cumulative Paternal Early Life Stress With White Matter Maturation in Newborns. <i>JAMA Network Open</i> , 2020, 3, e2024832.	2.8	14
3027	Brain Morphometry: Schizophrenia. <i>Neuromethods</i> , 2018, , 323-338.	0.2	1
3028	The General Linear Model: Theory and Practicalities in Brain Morphometric Analyses. <i>Neuromethods</i> , 2018, , 75-85.	0.2	5
3029	Statistical Analysis of fMRI Data. <i>Neuromethods</i> , 2009, , 179-236.	0.2	9
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4085	Attentional capture by fearful faces requires consciousness and is modulated by task-relevancy: A dot-probe EEG study. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	5

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4086	Cortical thinning in male obstructive sleep apnoea patients with excessive daytime sleepiness. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
4087	Daily artificial gravity is associated with greater neural efficiency during sensorimotor adaptation. <i>Cerebral Cortex</i> , 2023, 33, 8011-8023.	1.6	1
4088	How robustly do multivariate EEG patterns track individual-subject lexico-semantic processing of visual stimuli?. <i>Language, Cognition and Neuroscience</i> , 0, , 1-15.	0.7	1
4089	Plasma inflammation for predicting phenotypic conversion and clinical progression of autosomal dominant frontotemporal lobar degeneration. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 541-549.	0.9	1
4090	Eigenvector centrality dynamics are related to Alzheimer's disease pathological changes in non-demented individuals. <i>Brain Communications</i> , 2023, 5, .	1.5	3
4091	Functional network reconfiguration supporting memory-guided attention. <i>Cerebral Cortex</i> , 2023, 33, 7702-7713.	1.6	2
4092	Correlation of abnormal brain changes with perinatal factors in very preterm infants based on diffusion tensor imaging. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
4094	QuNex™ An integrative platform for reproducible neuroimaging analytics. <i>Frontiers in Neuroinformatics</i> , 0, 17, .	1.3	7
4095	Structural disconnection relates to functional changes after temporal lobe epilepsy surgery. <i>Brain</i> , 2023, 146, 3913-3922.	3.7	2
4096	Negative Stressful Life Events and Social Support Are Associated With White Matter Integrity in Depressed Patients and Healthy Control Participants: A Diffusion Tensor Imaging Study. <i>Biological Psychiatry</i> , 2023, 94, 650-660.	0.7	2
4097	Altered nucleus accumbens functional connectivity precedes apathy in Parkinson's disease. <i>Brain</i> , 2023, 146, 2739-2752.	3.7	3
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4101	The spectral dynamics of visual awareness: An interplay of different frequencies?. <i>European Journal of Neuroscience</i> , 2023, 57, 2136-2148.	1.2	3
4102	Hippocampal demyelination is associated with increased magnetic susceptibility in a mouse model of concussion. <i>Experimental Neurology</i> , 2023, 365, 114406.	2.0	1
4103	Depressive Symptomatology Is Associated With Smaller Reductions in Drug Cue Reactivity During Extended-Release Naltrexone Treatment of Opioid Use Disorder. <i>Journal of Clinical Psychiatry</i> , 2023, 84, .	1.1	0
4104	Structural connectivity-based predictors of cognitive impairment in stroke patients attributable to aging. <i>PLoS ONE</i> , 2023, 18, e0280892.	1.1	0
4105	Functional MRI reveals brain-wide actions of thalamically-initiated oscillatory activities on associative memory consolidation. <i>Nature Communications</i> , 2023, 14, .	5.8	1

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4109	Permutation-based true discovery proportions for functional magnetic resonance imaging cluster analysis. <i>Statistics in Medicine</i> , 2023, 42, 2311-2340.	0.8	3
4318	Immersive virtual reality-based rehabilitation for subacute stroke: a randomized controlled trial. <i>Journal of Neurology</i> , 2024, 271, 1256-1266.	1.8	1
4447	Analysis of Resting-State Functional Magnetic Resonance Imaging in Alzheimer's Disease. <i>Methods in Molecular Biology</i> , 2024, , 89-104.	0.4	0