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| 1728<br>1727<br>1726<br>1725 | Attentional load modulates large-scale functional brain connectivity beyond the core attention networks. <i>NeuroImage</i> , <b>2015</b> , 109, 260-72  Clinical and neuroimaging biomarkers of amyloid-negative logopenic primary progressive aphasia. <b>2015</b> , 142, 45-53  22. Plasticity of sensorimotor system induced by sustained pressure stimulation. <b>2015</b> , 126, e37  Fractal analysis of MRI data for the characterization of patients with schizophrenia and bipolar disorder. <b>2015</b> , 60, 1697-716  Exploring spatiotemporal network transitions in task functional MRI. <b>2015</b> , 36, 1348-64  Quantitative T1 and T2 mapping in recurrent glioblastomas under bevacizumab: earlier detection | 7.9 | 38<br>15<br>14 |

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|------|---|-----|
| 1719 | Ischemic stroke phenotype in patients with nonsustained atrial fibrillation. <b>2015</b> , 46, 634-40   | 15  |
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| 1717 | Alteration of default mode network in high school football athletes due to repetitive subconcussive mild traumatic brain injury: a resting-state functional magnetic resonance imaging study. <b>2015</b> , 5, 91-101           | 140 |
| 1716 | Normal relationship of the cervicomedullary junction with the obex and olivary bodies: a comparison of cadaveric dissection and in vivo diffusion tensor imaging. <b>2015</b> , 37, 493-7                                       | 2   |
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| 1714 | Brain Graph Topology Changes Associated with Anti-Epileptic Drug Use. <b>2015</b> , 5, 284-91   | 43  |
| 1713 | Characterizing blood oxygen level-dependent (BOLD) response following in-magnet quadriceps exercise. <b>2015</b> , 28, 271-8  | 5   |
| 1712 | Dose-dependent effects of intravenous alcohol administration on cerebral blood flow in young adults. <b>2015</b> , 232, 733-44  | 30  |
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| 1710 | Machine learning approaches for integrating clinical and imaging features in late-life depression classification and response prediction. <b>2015</b> , 30, 1056-67   | 83  |
| 1709 | Head rotational acceleration characteristics influence behavioral and diffusion tensor imaging outcomes following concussion. <b>2015</b> , 43, 1071-88   | 43  |
| 1708 | Tissue microstructural changes in dementia with Lewy bodies revealed by quantitative MRI. <b>2015</b> , 262, 165-72   | 8   |
| 1707 | Automated MRI brain tissue segmentation based on mean shift and fuzzy c -means using a priori tissue probability maps. <b>2015</b> , 36, 185-196  | 27  |
| 1706 | A highly accurate symmetric optical flow based high-dimensional nonlinear spatial normalization of brain images. <b>2015</b> , 33, 465-73   | 2   |
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| 1704 | Gray matter axonal connectivity maps. <b>2015</b> , 6, 35   | 8   |
| 1703 | Increased Functional Connectivity Between Subcortical and Cortical Resting-State Networks in Autism Spectrum Disorder. <b>2015</b> , 72, 767-77   | 185 |
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| 1702 | Magnetoencephalography Slow-Wave Detection in Patients with Mild Traumatic Brain Injury and Ongoing Symptoms Correlated with Long-Term Neuropsychological Outcome. <b>2015</b> , 32, 1510-21   |     | 23 |
|------|--|-----|----|
| 1701 | Corticospinal Tract Injury Precedes Thalamic Volume Reduction in Preterm Infants with Cystic Periventricular Leukomalacia. <b>2015</b> , 167, 260-8.e3   |     | 19 |
| 1700 | Co-registration and distortion correction of diffusion and anatomical images based on inverse contrast normalization. <i>NeuroImage</i> , <b>2015</b> , 115, 269-80  | 7.9 | 57 |
| 1699 | White matter integrity and cognitive performance in school-age children: A population-based neuroimaging study. <i>NeuroImage</i> , <b>2015</b> , 119, 119-28  | 7.9 | 50 |
| 1698 | White matter differences between multiple system atrophy (parkinsonian type) and Parkinson's disease: A diffusion tensor image study. <b>2015</b> , 305, 109-16  |     | 23 |
| 1697 | Anatomical likelihood estimation meta-analysis of grey and white matter anomalies in autism spectrum disorders. <b>2015</b> , 7, 525-36  |     | 53 |
| 1696 | Early postnatal respiratory viral infection induces structural and neurochemical changes in the neonatal piglet brain. <b>2015</b> , 48, 326-35  |     | 5  |
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| 1693 | Iterative probabilistic voxel labeling: automated segmentation for analysis of The Cancer Imaging Archive glioblastoma images. <b>2015</b> , 36, 678-85  |     | 16 |
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| 1689 | Longitudinal regional brain volume loss in schizophrenia: Relationship to antipsychotic medication and change in social function. <b>2015</b> , 168, 297-304   |     | 40 |
| 1688 | Distance to thrombus on MR angiography predicts outcome of middle cerebral artery occlusion treated with IV thrombolysis. <b>2015</b> , 57, 991-7  |     | 7  |
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| 1686 | Reduced prefrontal activation in pediatric patients with obsessive-compulsive disorder during verbal episodic memory encoding. <b>2015</b> , 54, 849-58  |     | 9  |
| 1685 | Segmented TOF at 7 T MRI: Technique and clinical applications. <b>2015</b> , 33, 1043-1050   |     | 11 |

| 1684 | Psychopathic traits in adolescents are associated with higher structural connectivity. <b>2015</b> , 233, 474-80  | )   | 23 |
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| 1683 | Evaluation of EPI distortion correction methods for quantitative MRI of the brain at high magnetic field. <b>2015</b> , 33, 1098-1105   |     | 31 |
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| 1681 | Neuronal activation induced BOLD and CBF responses upon acetazolamide administration in patients with steno-occlusive artery disease. <i>NeuroImage</i> , <b>2015</b> , 105, 276-85 | 7.9 | 22 |
| 1680 | Investigating the field-dependence of the Davis model: Calibrated fMRI at 1.5, 3 and 7T. <i>NeuroImage</i> , <b>2015</b> , 112, 189-196   | 7.9 | 10 |
| 1679 | Validated automatic brain extraction of head CT images. <i>NeuroImage</i> , <b>2015</b> , 114, 379-85   | 7.9 | 48 |
| 1678 | The Visual Word Form Area remains in the dominant hemisphere for language in late-onset left occipital lobe epilepsies: A postsurgery analysis of two cases. <b>2015</b> , 46, 91-8 |     | 4  |
| 1677 | Brain network adaptability across task states. <b>2015</b> , 11, e1004029   |     | 88 |
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| 1675 | Individual Differences in Temporal Summation of Pain Reflect Pronociceptive and Antinociceptive Brain Structure and Function. <b>2015</b> , 35, 9689-700                            |     | 46 |
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| 1673 | Individual differences in verbal creative thinking are reflected in the precuneus. <b>2015</b> , 75, 441-9  |     | 49 |
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| 1671 | Longitudinal quantification and visualization of intracerebral haemorrhage using multimodal magnetic resonance and diffusion tensor imaging. <b>2015</b> , 29, 438-45               |     | 11 |
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| 1667 | The nature of the language input affects brain activation during learning from a natural language. <b>2015</b> , 36, 17-34  |     | 16 |

| 1666 | Developmental Changes in Brain Network Hub Connectivity in Late Adolescence. <b>2015</b> , 35, 9078-87   |     | 99  |
|------|--|-----|-----|
| 1665 | Cingulum bundle alterations underlie subjective fatigue in multiple sclerosis. <b>2015</b> , 21, 442-7   |     | 27  |
| 1664 | Group comparison of spatiotemporal dynamics of intrinsic networks in Parkinson's disease. <b>2015</b> , 138, 2672-86   |     | 19  |
| 1663 | A symmetric multivariate leakage correction for MEG connectomes. <i>NeuroImage</i> , <b>2015</b> , 117, 439-48   | 7.9 | 218 |
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| 1661 | Neurovascular and neuroimaging effects of the hallucinogenic serotonin receptor agonist psilocin in the rat brain. <b>2015</b> , 99, 210-20  |     | 14  |
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| 1659 | Real-Time Strategy Video Game Experience and Visual Perceptual Learning. <b>2015</b> , 35, 10485-92  |     | 31  |
| 1658 | Stable Task Representations under Attentional Load Revealed with Multivariate Pattern Analysis of Human Brain Activity. <b>2015</b> , 27, 1789-800   |     | 5   |
| 1657 | White Matter Hyperintensity Accumulation During Treatment of Late-Life Depression. <b>2015</b> , 40, 3027-35   |     | 28  |
| 1656 | Magnetic Resonance-Based Automatic Air Segmentation for Generation of Synthetic Computed Tomography Scans in the Head Region. <b>2015</b> , 93, 497-506  |     | 47  |
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| 1640 | Transcriptional upregulation of myelin components in spontaneous myelin basic protein-deficient mice. <b>2015</b> , 1606, 125-32   |     | 3   |
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| 1636 | ICA-AROMA: A robust ICA-based strategy for removing motion artifacts from fMRI data. <i>NeuroImage</i> , <b>2015</b> , 112, 267-277  | 7.9 | 724 |
| 1635 | Evaluation of ICA-AROMA and alternative strategies for motion artifact removal in resting state fMRI. <i>NeuroImage</i> , <b>2015</b> , 112, 278-287   | 7.9 | 289 |
| 1634 | Is fMRI "noise" really noise? Resting state nuisance regressors remove variance with network structure. <i>NeuroImage</i> , <b>2015</b> , 114, 158-69  | 7.9 | 109 |
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| 1620<br>1619                         | Cognitive Effort and Schizophrenia Modulate Large-Scale Functional Brain Connectivity. <b>2015</b> , 41, 1360-9  Relationship between white matter microstructure abnormalities and ADHD symptomatology in adolescents. <b>2015</b> , 232, 168-74  Disrupted developmental organization of the structural connectome in fetuses with corpus  | 11                         |
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| 1598 | Somatic mutations associated with MRI-derived volumetric features in glioblastoma. <b>2015</b> , 57, 1227-37  | 63  |
| 1597 | Motor Readiness Increases Brain Connectivity Between Default-Mode Network and Motor Cortex: Impact on Sampling Resting Periods from fMRI Event-Related Studies. <b>2015</b> , 5, 631-40 | 8   |
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| 1568 | Advanced CUBIC protocols for whole-brain and whole-body clearing and imaging. <b>2015</b> , 10, 1709-27   | 371 |
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| 878 | P235 Variation during the day of the TMS-EEG evoked potential. <b>2017</b> , 128, e129   |    |
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| 865 | White Matter and Gray Matter Segmentation in 4D Computed Tomography. <b>2017</b> , 7, 119   | 18           |
| 864 | Dynamic Changes in Amygdala Psychophysiological Connectivity Reveal Distinct Neural Networks for Facial Expressions of Basic Emotions. <b>2017</b> , 7, 45260                                 | 94           |
| 863 | Avoiding boredom: Caudate and insula activity reflects boredom-elicited purchase bias. <b>2017</b> , 92, 57-69  | 16           |
| 862 | Aerobic fitness, hippocampal viscoelasticity, and relational memory performance. <i>NeuroImage</i> , <b>2017</b> , 153, 179-188   | 58           |
| 861 | Dissociable diffusion MRI patterns of white matter microstructure and connectivity in Alzheimer's disease spectrum. <b>2017</b> , 7, 45131  | 28           |
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| 859 | Mechanisms of circumferential gyral convolution in primate brains. <b>2017</b> , 42, 217-229  | 15           |
| 858 | Prefrontal activity and impaired memory encoding strategies in schizophrenia. <b>2017</b> , 91, 64-73   | 19           |
| 857 | Spinal cord grey matter segmentation challenge. <i>NeuroImage</i> , <b>2017</b> , 152, 312-329 7.9  | 64           |

| 856 | Screening of autism based on task-free fMRI using graph theoretical approach. <b>2017</b> , 263, 48-56  | 26 |
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| 854 | MRI-based comparative study of different mild cognitive impairment subtypes: protocol for an observational case-control study. <b>2017</b> , 7, e013432                               | 2  |
| 853 | Assessing connectivity related injury burden in diffuse traumatic brain injury. <b>2017</b> , 38, 2913-2922   | 13 |
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| 850 | Accurate simulation of transcranial ultrasound propagation for ultrasonic neuromodulation and stimulation. <b>2017</b> , 141, 1726  | 65 |
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| 842 | Central sensitization-related changes of effective and functional connectivity in the rat inflammatory trigeminal pain model. <b>2017</b> , 344, 133-147                              | 14 |
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| 837 | Functional anatomy of the human thalamus at rest. <i>NeuroImage</i> , <b>2017</b> , 147, 678-691  | 7.9      | 34  |
| 836 | Brain volume change in first-episode psychosis: an effect of antipsychotic medication independent of BMI change. <b>2017</b> , 135, 117-126   |          | 14  |
| 835 | Gray Matter Neuritic Microstructure Deficits in Schizophrenia and Bipolar Disorder. <b>2017</b> , 82, 726-736   |          | 48  |
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| 819 | Adaptive smoothing based on Gaussian processes regression increases the sensitivity and specificity of fMRI data. <b>2017</b> , 38, 1438-1459                                   | 13  |
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| 816 | Altered brain processing of decision-making in healthy first-degree biological relatives of suicide completers. <b>2017</b> , 22, 1149-1154                                     | 27  |
| 815 | Learning-based deformable image registration for infant MR images in the first year of life. <b>2017</b> , 44, 158-170  | 13  |
| 814 | Cerebrovascular function in presymptomatic and symptomatic individuals with hereditary cerebral amyloid angiopathy: a case-control study. <b>2017</b> , 16, 115-122             | 52  |
| 813 | Dosimetric and workflow evaluation of first commercial synthetic CT software for clinical use in pelvis. <b>2017</b> , 62, 2961-2975  | 83  |
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| 807 | Modulation of Long-Range Connectivity Patterns via Frequency-Specific Stimulation of Human Cortex. <b>2017</b> , 27, 3061-3068.e3   | 28  |
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| 804 | Earliest accumulation of Eamyloid occurs within the default-mode network and concurrently affects brain connectivity. <b>2017</b> , 8, 1214                                     | 348 |
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| 796 | Erratum to "A watershed model of individual differences in fluid intelligence" [Neuropsychologia 91 (2016) 186-198]. <b>2017</b> , 106, 417                               | 1  |
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| 792 | Pre-surgical mapping of eloquent cortex for paediatric epilepsy surgery candidates: Evidence from a review of advanced functional neuroimaging. <b>2017</b> , 52, 136-146 | 19 |
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| 789 | Nutritional status, brain network organization, and general intelligence. <i>NeuroImage</i> , <b>2017</b> , 161, 241-250 <sub>7.9</sub>                                   | 17 |
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| 786 | Brain structural changes in late-life generalized anxiety disorder. <b>2017</b> , 268, 15-21  | 17 |
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| 783              | Reduced Structural Connectivity in Frontostriatal White Matter Tracts in the Associative Loop in Schizophrenia. <b>2017</b> , 174, 1102-1111  |     | 34 |
| 782              | Learning-based deformable registration for infant MRI by integrating random forest with auto-context model. <b>2017</b> , 44, 6289-6303   |     | 13 |
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| 778              | Moral judgment modulation by disgust priming via altered fronto-temporal functional connectivity. <b>2017</b> , 7, 10887  |     | 2  |
| 777              | Pallidal low Elow Iphase-amplitude coupling inversely correlates with Parkinson disease symptoms. <b>2017</b> , 128, 2165-2178  |     | 26 |
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| 772              | Neuroimaging biomarkers to associate obesity and negative emotions. <b>2017</b> , 7, 7664   |     | 11 |
| 771              | Age differences in brain signal variability are robust to multiple vascular controls. <b>2017</b> , 7, 10149  |     | 44 |
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| <del>7</del> 69  | Brain plasticity following MI-BCI training combined with tDCS in a randomized trial in chronic subcortical stroke subjects: a preliminary study. <b>2017</b> , 7, 9222                            |     | 34 |
| 768              | A multi-variate blind source separation algorithm. <b>2017</b> , 151, 91-99   |     | 1  |
| 767              | Striatal dopamine D2/3 receptor-mediated neurotransmission in major depression: Implications for anhedonia, anxiety and treatment response. <b>2017</b> , 27, 977-986                             |     | 41 |

| 766 | Association of White Matter Structure With Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. <b>2017</b> , 74, 1120-1128                                    |         | 76   |
|-----|--|---------|------|
| 765 | Dynamic range of frontoparietal functional modulation is associated with working memory capacity limitations in older adults. <b>2017</b> , 118, 128-136                         |         | 14   |
| 764 | Advancing The Cancer Genome Atlas glioma MRI collections with expert segmentation labels and radiomic features. <b>2017</b> , 4, 170117  |         | 893  |
| 763 | Learning-based structurally-guided construction of resting-state functional correlation tensors. <b>2017</b> , 43, 110-121   |         | 16   |
| 762 | Functional density and edge maps: Characterizing functional architecture in individuals and improving cross-subject registration. <i>NeuroImage</i> , <b>2017</b> , 158, 346-355 | 7.9     | 21   |
| 761 | Supervoxel-based statistical analysis of diffusion tensor imaging in schizotypal personality disorder. <i>NeuroImage</i> , <b>2017</b> , 163, 368-378                            | 7.9     | 4    |
| 760 | 3D-MB-MUSE: A robust 3D multi-slab, multi-band and multi-shot reconstruction approach for ultrahigh resolution diffusion MRI. <i>NeuroImage</i> , <b>2017</b> , 159, 46-56       | 7.9     | 23   |
| 759 | Structural differences in impaired verbal fluency in essential tremor patients compared to healthy controls. <b>2017</b> , 7, e00722   |         | 8    |
| 758 | Automated Computational Processing of 3-D MR Images of Mouse Brain for Phenotyping of Living Animals. <b>2017</b> , 119, 29A.5.1-29A.5.38  |         | 7    |
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| 754 | Feature selective temporal prediction of Alzheimer's disease progression using hippocampus surface morphometry. <b>2017</b> , 7, e00733  |         | 15   |
| 753 | Alterations in white matter microstructure are associated with goal-directed upper-limb movement segmentation in children born extremely preterm. <b>2017</b> , 38, 5051-5068    |         | 5    |
| 752 | Cocaine dependence modulates the effect of HIV infection on brain activation during intertemporal decision making. <b>2017</b> , 178, 443-451                                    |         | 19   |
| 751 | The anteroposterior and primary-to-posterior limbic ratios as MRI-derived volumetric markers of Alzheimer's disease. <b>2017</b> , 378, 110-119                                  |         | 1    |
| 75° | Gyral net: A new representation of cortical folding organization. 2017, 42, 14-25  |         | 17   |
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| 746 | Motor correlates of phantom limb pain. <b>2017</b> , 95, 29-36  | 25 |
| 745 | Quantitative analysis of the z-spectrum using a numerically simulated look-up table: Application to the healthy human brain at 7T. <b>2017</b> , 78, 645-655              | 14 |
| 744 | Contextual connectivity: A framework for understanding the intrinsic dynamic architecture of large-scale functional brain networks. <b>2017</b> , 7, 6537                 | 25 |
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| 740 | Negative correlation between word-level surprisal and intersubject neural synchronization during narrative listening. <b>2022</b> , 155, 132-149                          | O  |
| 739 | Early stressful experiences are associated with reduced neural responses to naturalistic emotional and social content in children. <b>2022</b> , 57, 101152               | О  |
| 738 | Accuracy and repeatability of joint sparsity multi-component estimation in MR Fingerprinting. <b>2022</b> , 263, 119638   | О  |
| 737 | Convergent gray matter alterations across drugs of abuse and network-level implications: A meta-analysis of structural MRI studies. <b>2022</b> , 240, 109625             | O  |
| 736 | High-resolution atlasing and segmentation of the subcortex: Review and perspective on challenges and opportunities created by machine learning. <b>2022</b> , 263, 119616 | O  |
| 735 | Micapipe: A pipeline for multimodal neuroimaging and connectome analysis. <b>2022</b> , 263, 119612   | 1  |
| 734 | Bayesian inference for brain activity from functional magnetic resonance imaging collected at two spatial resolutions. <b>2022</b> , 16,                                  | 1  |
| 733 | Influence of age and cognitive performance on resting-state functional connectivity of dopaminergic and noradrenergic centers. <b>2022</b> , 1796, 148082                 | O  |
| 732 | Microbiome-gut-brain axis in brain development, cognition and behavior during infancy and early childhood. <b>2022</b> , 66, 101038                                       | О  |
| 731 | Conditional GAN with 3D discriminator for MRI generation of Alzheimer disease progression. <b>2023</b> , 133, 109061  | O  |

| 730 | White matter tract-specific microstructural disruption is associated with depressive symptoms in isolated RBD. <b>2022</b> , 36, 103186                                     | О  |
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| 729 | A comparative assessment of myelin-sensitive measures in multiple sclerosis patients and healthy subjects. <b>2022</b> , 36, 103177   | O  |
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| 722 | Effective Connectivity Analysis and Classification of Action Observation From Different Perspectives: An fMRI Study. <b>2022</b> , 1-13                                     | О  |
| 721 | Reliability of machine learning in reflecting severity and pathophysiology in COVID-19 pneumonia: impact of CT reconstruction kernels on accuracy. <b>2022</b> , 1-1        | О  |
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| 719 | Mapping Nonlinear Brain Dynamics by Phase Space Embedding with Fmri Data.   | О  |
| 718 | Predicting Isocitrate Dehydrogenase Mutation Status in Glioma Using Structural Brain Networks and Graph Neural Networks. <b>2022</b> , 140-150                              | О  |
| 717 | Graph Neural Networks in Network Neuroscience. <b>2022</b> , 1-18   | 15 |
| 716 | Agreement and Reliability between Clinically Available Software Programs in Measuring Volumes and Normative Percentiles of Segmented Brain Regions. <b>2022</b> , 23, 959   | О  |
| 715 | fMRI informed voxel-based lesion analysis to identify lesions associated with right-hemispheric activation in aphasia recovery. <b>2022</b> , 36, 103169                    | O  |
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| 712 | Neurovascular correlates of retinal microvascular caliber in adolescent bipolar disorder. <b>2023</b> , 320, 81-90  | O |
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| 711 | Explainable AI Points to White Matter Hyperintensities for Alzheimer's Disease Identification: a Preliminary Study. <b>2022</b> ,   | О |
| 710 | The Boston ASL Template and Simulator: Initial development and implementation.  | 0 |
| 709 | Image quality and subject experience of quiet T1-weighted 7-T brain imaging using a silent gradient coil. <b>2022</b> , 6,  | O |
| 708 | Action-value processing underlies the role of the dorsal anterior cingulate cortex in performance monitoring during self-regulation of affect. <b>2022</b> , 17, e0273376   | 0 |
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| 706 | The BigMac dataset: an open resource combining multi-contrast MRI and microscopy in the macaque brain.  | 0 |
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| 704 | Brain structural alterations in young girls with Rett syndrome: A voxel-based morphometry and tract-based spatial statistics study. 16,   | 0 |
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| 702 | Maternal sensitivity at the age of 8 months associates with local connectivity of the medial prefrontal cortex in children at 5 years of age. 16,   | 0 |
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| 474 | The effects of transient receptor potential cation channel inhibition by BI 1358894 on cortico-limbic brain reactivity to negative emotional stimuli in major depressive disorder. <b>2022</b> , 65, 44-51           | O |
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| 468 | Validation of dynamic [18F]FE-PE2I PET for estimation of relative regional cerebral blood flow: a comparison with [15O]H2O PET. <b>2022</b> , 12,  | O |
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| 466 | Effects of chronic caffeine intake and withdrawal on neural activity assessed via resting-state functional magnetic resonance imaging in mice. <b>2022</b> , e11714  | O |
| 465 | Can this data be saved? Techniques for high motion in resting state scans of first grade children. <b>2022</b> , 101178  | O |
| 464 | Robust high spatio-temporal line-scanning fMRI in humans at 7T using multi-echo readouts, denoising and prospective motion correction. <b>2022</b> , 109746  | O |
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| 460 | Associations between diffusion MRI microstructure and cerebrospinal fluid markers of Alzheimer's disease pathology and neurodegeneration along the Alzheimer's disease continuum. <b>2022</b> , 14,            | O |
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| 456 | Tensor image registration library: Deformable registration of stand-alone histology images to whole-brain post-mortem MRI data. <b>2023</b> , 265, 119792  | О |
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| 409 | Microstructural and functional plasticity following repeated brain stimulation during cognitive training in non-demented older adults.                  | O |
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| 407 | Association between real-time strategy video game learning outcomes and pre-training brain white matter structure: preliminary study. <b>2022</b> , 12, | O |

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| 398 | Evaluation of inverse treatment planning for Gamma Knife radiosurgery using fMRI brain activation maps as organs at risk.                                      | 0 |
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| 389 | Gray Matter Microstructure Differences in Autistic Males: A Gray Matter Based Spatial Statistics Study. <b>2022</b> , 103306                                   | O |

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| 387 | Cortical and cerebellar structural correlates of cognitive-motor integration performance in females with and without persistent concussion symptoms. 1-15                    | O |
| 386 | Effects of acute ischemic stroke on binaural perception. 16,   | О |
| 385 | Tractography-based navigated TMS language mapping protocol. 12,  | O |
| 384 | Investigating the effect of oblique image acquisition on the accuracy of QSM and a robust tilt correction method.  | О |
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| 382 | Detection of Association Features Based on Gene Eigenvalues and MRI Imaging Using Genetic Weighted Random Forest. <b>2022</b> , 13, 2344                                     | О |
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| 364 | Differences in the functional brain architecture of sustained attention and working memory in youth and adults. <b>2022</b> , 20, e3001938  | 1 |
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| 320 | BundleWarp, streamline-based nonlinear registration of white matter tracts.  | О |
| 319 | Significant age by childhood trauma interactions on grey matter volumes: a whole brain VBM analysis.   | O |
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| 313 | A unified global tractography framework for automatic visual pathway reconstruction.   | Ο |
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| 294                      | Consistency of Graph Theoretical Measurements of Alzheimer Disease Fiber Density Connectomes Across Multiple Parcellation Scales. <b>2022</b> ,   | О           |
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| 292                      | Markov Guided Spatio-Temporal Networks for Brain Image Classification*. 2022,   | О           |
| 291                      | Detangling the structural neural correlates associated with resting versus dynamic phantom limb pain intensity using a voxel-based morphometry analysis.  | O           |
| 290                      | Interactions between the aging brain and motor task complexity across the lifespan: balancing brain activity resource demand and supply.  | 0           |
| 289                      | Brain structure variability study in pilots based on VBM. <b>2023</b> , 18, e0276957  | O           |
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| 288                      | Microstructural Changes in the Corpus Callosum in Systemic Lupus Erythematous. <b>2023</b> , 12, 355  | O           |
| 288                      | Microstructural Changes in the Corpus Callosum in Systemic Lupus Erythematous. 2023, 12, 355  Lumbar endplate microfracture injury induces Modic-like changes, intervertebral disc degeneration and spinal cord sensitization [An In Vivo Rat Model.  | 0           |
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| 287<br>286<br>285        | Lumbar endplate microfracture injury induces Modic-like changes, intervertebral disc degeneration and spinal cord sensitization [An In Vivo Rat Model.  3D-EPI blip-up/down acquisition (BUDA) with CAIPI and joint H ankel structured low-rank reconstruction for rapid distortion-free high-resolution T2* mapping.  Prenatal depressive symptoms and childhood development of brain limbic and default mode network structure.  Association between social comparison orientation and hippocampal properties in older adults: A  | 0<br>0      |
| 287<br>286<br>285<br>284 | Lumbar endplate microfracture injury induces Modic-like changes, intervertebral disc degeneration and spinal cord sensitization [An In Vivo Rat Model.  3D-EPI blip-up/down acquisition (BUDA) with CAIPI and joint H ankel structured low-rank reconstruction for rapid distortion-free high-resolution T2* mapping.  Prenatal depressive symptoms and childhood development of brain limbic and default mode network structure.  Association between social comparison orientation and hippocampal properties in older adults: A multimodal MRI study. 1-14  Lower myelin content is associated with more rapid cognitive decline among cognitively | 1<br>0<br>0 |

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| 279 | Towards stability of dynamic FC estimates in neuroimaging and electrophysiology: solutions and limits.   | O |
| 278 | A comprehensive study on atlas-based classification of autism spectrum disorder using functional connectivity features from resting-state functional magnetic resonance imaging. <b>2023</b> , 269-296 | O |
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| 276 | Weakly supervised perivascular spaces segmentation with salient guidance of Frangi filter.   | O |
| 275 | Protocol for Brain Magnetic Resonance Imaging and Extraction of Imaging-Derived Phenotypes from the China Phenobank Project.   | O |
| 274 | Longitudinal changes in global structural brain connectivity and cognitive performance in former hospitalized COVID-19 survivors: an exploratory study.  | O |
| 273 | Does Practice Make Perfect? Functional Connectivity of the Salience Network and Somatosensory Network Predicts Response to Mind-Body Treatments for Fibromyalgia.                                      | O |
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| 269 | The Individualized Prediction of Neurocognitive Function in People Living with HIV Based on Clinical and Multimodal Connectome Data. <b>2023</b> , 1-11  | O |
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| 266 | Neural substrates of parallel devaluation-sensitive and devaluation-insensitive Pavlovian learning in humans.  | O |
| 265 | Objective biomarkers of depression: A study of Granger causality and wavelet coherence in resting-state fMRI.  | O |
| 264 | Mapping myelin in white matter with T1-weighted/T2-weighted maps: discrepancy with histology and other myelin MRI measures.  | O |
| 263 | White matter microstructure in face and body networks predicts facial expression and body posture perception across development.   | O |

| 262         | Substance use is related to differential activation and connectivity for social relative to monetary rewards.   | O |
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| 261         | ANTsX neuroimaging-derived structural phenotypes of UK Biobank.   | O |
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| 258         | Estimating and mitigating the effects of systemic low frequency oscillations (sLFO) on resting state networks in awake non-human primates using time lag dependent methodology. 1,      | O |
| 257         | Effect of subject-specific head morphometry on specific absorption rate estimates in parallel-transmit MRI at 7 T.  | O |
| 256         | Lesion network localization of depression in multiple sclerosis. <b>2023</b> , 1, 36-44   | О |
| 255         | Hippocampal subfield viscoelasticity in amnestic mild cognitive impairment evaluated with MR elastography. <b>2023</b> , 37, 103327   | O |
| 254         | Predicting vasospasm risk using first presentation aneurysmal subarachnoid haemorrhage volume: a semi-automated CT image segmentation analysis in ITK-SNAP.                             | O |
| 253         | Automatic analysis of skull thickness, scalp-to-cortex distance and association with age and sex in cognitively normal elderly.   | O |
| 252         | Amyloid-PET and White Matter Hyperintensities Have Independent Effects on Baseline Cognitive Function and Synergistic Effects on Longitudinal Executive Function. <b>2023</b> , 13, 218 | O |
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