

Yu-Feng Zang

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172
papers

24,506
citations

66
h-index

156
g-index

182
ext. papers

29,732
ext. citations

4.9
avg, IF

6.86
L-index

| # | Paper | IF | Citations |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 172 | Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4734-9 | 11.5 | 2183 |
| 171 | DPARSF: A MATLAB Toolbox for "Pipeline" Data Analysis of Resting-State fMRI. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 13 | 3.5 | 1980 |
| 170 | Altered baseline brain activity in children with ADHD revealed by resting-state functional MRI. <i>Brain and Development</i> , 2007 , 29, 83-91 | 2.2 | 1548 |
| 169 | REST: a toolkit for resting-state functional magnetic resonance imaging data processing. <i>PLoS ONE</i> , 2011 , 6, e25031 | 3.7 | 1473 |
| 168 | Regional homogeneity approach to fMRI data analysis. <i>NeuroImage</i> , 2004 , 22, 394-400 | 7.9 | 1470 |
| 167 | DPABI: Data Processing & Analysis for (Resting-State) Brain Imaging. <i>Neuroinformatics</i> , 2016 , 14, 339-51 | 3.2 | 1336 |
| 166 | An improved approach to detection of amplitude of low-frequency fluctuation (ALFF) for resting-state fMRI: fractional ALFF. <i>Journal of Neuroscience Methods</i> , 2008 , 172, 137-41 | 3 | 1074 |
| 165 | Changes in hippocampal connectivity in the early stages of Alzheimer's disease: evidence from resting state fMRI. <i>NeuroImage</i> , 2006 , 31, 496-504 | 7.9 | 635 |
| 164 | Parcellation-dependent small-world brain functional networks: a resting-state fMRI study. <i>Human Brain Mapping</i> , 2009 , 30, 1511-23 | 5.9 | 479 |
| 163 | Growing together and growing apart: regional and sex differences in the lifespan developmental trajectories of functional homotopy. <i>Journal of Neuroscience</i> , 2010 , 30, 15034-43 | 6.6 | 464 |
| 162 | Uncovering intrinsic modular organization of spontaneous brain activity in humans. <i>PLoS ONE</i> , 2009 , 4, e5226 | 3.7 | 450 |
| 161 | Regional coherence changes in the early stages of Alzheimer's disease: a combined structural and resting-state functional MRI study. <i>NeuroImage</i> , 2007 , 35, 488-500 | 7.9 | 434 |
| 160 | Dynamic functional reorganization of the motor execution network after stroke. <i>Brain</i> , 2010 , 133, 1224-38 | 38.2 | 428 |
| 159 | Altered small-world brain functional networks in children with attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , 2009 , 30, 638-49 | 5.9 | 363 |
| 158 | Amplitude of low frequency fluctuation within visual areas revealed by resting-state functional MRI. <i>NeuroImage</i> , 2007 , 36, 144-52 | 7.9 | 361 |
| 157 | Toward reliable characterization of functional homogeneity in the human brain: preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013 , 65, 374-86 | 7.9 | 325 |
| 156 | Altered resting-state functional connectivity patterns of anterior cingulate cortex in adolescents with attention deficit hyperactivity disorder. <i>Neuroscience Letters</i> , 2006 , 400, 39-43 | 3.3 | 324 |

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| 155 | Regional homogeneity changes in patients with Parkinson's disease. <i>Human Brain Mapping</i> , 2009 , 30, 1502-10 | 5.9 | 319 |
| 154 | Standardizing the intrinsic brain: towards robust measurement of inter-individual variation in 1000 functional connectomes. <i>NeuroImage</i> , 2013 , 80, 246-62 | 7.9 | 296 |
| 153 | Functional segmentation of the brain cortex using high model order group PICA. <i>Human Brain Mapping</i> , 2009 , 30, 3865-86 | 5.9 | 280 |
| 152 | An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014 , 1, 140049 | 8.2 | 247 |
| 151 | Spontaneous brain activity in the default mode network is sensitive to different resting-state conditions with limited cognitive load. <i>PLoS ONE</i> , 2009 , 4, e5743 | 3.7 | 241 |
| 150 | Abnormal neural activity in children with attention deficit hyperactivity disorder: a resting-state functional magnetic resonance imaging study. <i>NeuroReport</i> , 2006 , 17, 1033-6 | 1.7 | 219 |
| 149 | Alterations in regional homogeneity of resting-state brain activity in autism spectrum disorders. <i>Brain Research</i> , 2010 , 1321, 169-79 | 3.7 | 209 |
| 148 | Sex- and brain size-related small-world structural cortical networks in young adults: a DTI tractography study. <i>Cerebral Cortex</i> , 2011 , 21, 449-58 | 5.1 | 201 |
| 147 | Use of fNIRS to assess resting state functional connectivity. <i>Journal of Neuroscience Methods</i> , 2010 , 186, 242-9 | 3 | 190 |
| 146 | Voxel-based detection of white matter abnormalities in mild Alzheimer disease. <i>Neurology</i> , 2006 , 66, 1845-9 | 6.5 | 188 |
| 145 | Fisher discriminative analysis of resting-state brain function for attention-deficit/hyperactivity disorder. <i>NeuroImage</i> , 2008 , 40, 110-20 | 7.9 | 182 |
| 144 | Ultra-fast magnetic resonance encephalography of physiological brain activity - Glymphatic pulsation mechanisms?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1033-45 | 7.3 | 175 |
| 143 | Modulation of functional connectivity during the resting state and the motor task. <i>Human Brain Mapping</i> , 2004 , 22, 63-71 | 5.9 | 169 |
| 142 | Reduced default mode network functional connectivity in patients with recurrent major depressive disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9078-9083 | 11.5 | 168 |
| 141 | Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , 2011 , 54, 2950-9 | 7.9 | 165 |
| 140 | Static and dynamic characteristics of cerebral blood flow during the resting state. <i>NeuroImage</i> , 2009 , 48, 515-24 | 7.9 | 159 |
| 139 | Abnormal resting-state functional connectivity patterns of the putamen in medication-naïve children with attention deficit hyperactivity disorder. <i>Brain Research</i> , 2009 , 1303, 195-206 | 3.7 | 156 |
| 138 | Intrinsic resting-state activity predicts working memory brain activation and behavioral performance. <i>Human Brain Mapping</i> , 2013 , 34, 3204-15 | 5.9 | 152 |

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| 137 | Functional connectivity of cortical motor areas in the resting state in Parkinson's disease. <i>Human Brain Mapping</i> , 2011 , 32, 1443-57 | 5.9 | 141 |
| 136 | Probabilistic diffusion tractography and graph theory analysis reveal abnormal white matter structural connectivity networks in drug-naïve boys with attention deficit/hyperactivity disorder. <i>Journal of Neuroscience</i> , 2013 , 33, 10676-87 | 6.6 | 140 |
| 135 | Functional brain hubs and their test-retest reliability: a multiband resting-state functional MRI study. <i>NeuroImage</i> , 2013 , 83, 969-82 | 7.9 | 135 |
| 134 | Abnormal functional connectivity of hippocampus during episodic memory retrieval processing network in amnesic mild cognitive impairment. <i>Biological Psychiatry</i> , 2009 , 65, 951-8 | 7.9 | 133 |
| 133 | Default mode network as revealed with multiple methods for resting-state functional MRI analysis. <i>Journal of Neuroscience Methods</i> , 2008 , 171, 349-55 | 3 | 133 |
| 132 | Predicting conceptual processing capacity from spontaneous neuronal activity of the left middle temporal gyrus. <i>Journal of Neuroscience</i> , 2012 , 32, 481-9 | 6.6 | 129 |
| 131 | Asymmetry analysis of cingulum based on scale-invariant parameterization by diffusion tensor imaging. <i>Human Brain Mapping</i> , 2005 , 24, 92-8 | 5.9 | 127 |
| 130 | DynamicBC: a MATLAB toolbox for dynamic brain connectome analysis. <i>Brain Connectivity</i> , 2014 , 4, 780-90 | 7 | 120 |
| 129 | Functional connectivity between the thalamus and visual cortex under eyes closed and eyes open conditions: a resting-state fMRI study. <i>Human Brain Mapping</i> , 2009 , 30, 3066-78 | 5.9 | 116 |
| 128 | Functional MRI in attention-deficit hyperactivity disorder: evidence for hypofrontality. <i>Brain and Development</i> , 2005 , 27, 544-50 | 2.2 | 114 |
| 127 | Abnormal small-world architecture of top-down control networks in obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2011 , 36, 23-31 | 4.5 | 112 |
| 126 | Functional connectivity as revealed by independent component analysis of resting-state fNIRS measurements. <i>NeuroImage</i> , 2010 , 51, 1150-61 | 7.9 | 111 |
| 125 | Abnormal functional connectivity between the anterior cingulate and the default mode network in drug-naïve boys with attention deficit hyperactivity disorder. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 201, 120-7 | 2.9 | 108 |
| 124 | Enhanced resting-state brain activities in ADHD patients: a fMRI study. <i>Brain and Development</i> , 2008 , 30, 342-8 | 2.2 | 102 |
| 123 | Gray matter density and white matter integrity in pianists' brain: a combined structural and diffusion tensor MRI study. <i>Neuroscience Letters</i> , 2009 , 459, 3-6 | 3.3 | 98 |
| 122 | Different topological organization of human brain functional networks with eyes open versus eyes closed. <i>NeuroImage</i> , 2014 , 90, 246-55 | 7.9 | 93 |
| 121 | Granger causality analysis implementation on MATLAB: a graphic user interface toolkit for fMRI data processing. <i>Journal of Neuroscience Methods</i> , 2012 , 203, 418-26 | 3 | 92 |
| 120 | Dissociated brain organization for single-digit addition and multiplication. <i>NeuroImage</i> , 2007 , 35, 871-80 | 7.9 | 90 |

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| 119 | Basal ganglia circuits changes in Parkinson's disease patients. <i>Neuroscience Letters</i> , 2012 , 524, 55-9 | 3.3 | 89 |
| 118 | Individual Variability and Test-Retest Reliability Revealed by Ten Repeated Resting-State Brain Scans over One Month. <i>PLoS ONE</i> , 2015 , 10, e0144963 | 3.7 | 88 |
| 117 | Combined structural and resting-state functional MRI analysis of sexual dimorphism in the young adult human brain: an MVPA approach. <i>NeuroImage</i> , 2012 , 61, 931-40 | 7.9 | 86 |
| 116 | Dynamical intrinsic functional architecture of the brain during absence seizures. <i>Brain Structure and Function</i> , 2014 , 219, 2001-15 | 4 | 82 |
| 115 | Regional homogeneity of resting state fMRI signals predicts Stop signal task performance. <i>NeuroImage</i> , 2012 , 60, 539-44 | 7.9 | 81 |
| 114 | Aging influence on functional connectivity of the motor network in the resting state. <i>Neuroscience Letters</i> , 2007 , 422, 164-8 | 3.3 | 73 |
| 113 | Local synchronization and amplitude of the fluctuation of spontaneous brain activity in attention-deficit/hyperactivity disorder: a resting-state fMRI study. <i>Neuroscience Bulletin</i> , 2013 , 29, 603-13 | 4.3 | 72 |
| 112 | Individual differences in impulsivity predict head motion during magnetic resonance imaging. <i>PLoS ONE</i> , 2014 , 9, e104989 | 3.7 | 72 |
| 111 | Region growing method for the analysis of functional MRI data. <i>NeuroImage</i> , 2003 , 20, 455-65 | 7.9 | 72 |
| 110 | Striatal neuronal loss or dysfunction and choline rise in children with attention-deficit hyperactivity disorder: a 1H-magnetic resonance spectroscopy study. <i>Neuroscience Letters</i> , 2001 , 315, 45-8 | 3.3 | 72 |
| 109 | Alterations in regional homogeneity of baseline brain activity in pediatric temporal lobe epilepsy. <i>Brain Research</i> , 2011 , 1373, 221-9 | 3.7 | 69 |
| 108 | Using coherence to measure regional homogeneity of resting-state fMRI signal. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 24 | 3.5 | 69 |
| 107 | Alerting deficits in children with attention deficit/hyperactivity disorder: event-related fMRI evidence. <i>Brain Research</i> , 2008 , 1219, 159-68 | 3.7 | 66 |
| 106 | Generalized tonic-clonic seizures: aberrant interhemispheric functional and anatomical connectivity. <i>Radiology</i> , 2014 , 271, 839-47 | 20.5 | 65 |
| 105 | Eyes-open/eyes-closed dataset sharing for reproducibility evaluation of resting state fMRI data analysis methods. <i>Neuroinformatics</i> , 2013 , 11, 469-76 | 3.2 | 64 |
| 104 | Hemispheric asymmetry in cognitive division of anterior cingulate cortex: a resting-state functional connectivity study. <i>NeuroImage</i> , 2009 , 47, 1579-89 | 7.9 | 63 |
| 103 | The macrostructural and microstructural abnormalities of corpus callosum in children with attention deficit/hyperactivity disorder: a combined morphometric and diffusion tensor MRI study. <i>Brain Research</i> , 2010 , 1310, 172-80 | 3.7 | 62 |
| 102 | Functional and anatomical connectivity abnormalities in cognitive division of anterior cingulate cortex in schizophrenia. <i>PLoS ONE</i> , 2012 , 7, e45659 | 3.7 | 61 |

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| 101 | Normal aging decreases regional homogeneity of the motor areas in the resting state. <i>Neuroscience Letters</i> , 2007 , 423, 189-93 | 3.3 | 60 |
| 100 | Both sides of human cerebellum involved in preparation and execution of sequential movements. <i>NeuroReport</i> , 2000 , 11, 3849-53 | 1.7 | 60 |
| 99 | Disrupted causal connectivity in mesial temporal lobe epilepsy. <i>PLoS ONE</i> , 2013 , 8, e63183 | 3.7 | 55 |
| 98 | Altered resting-state functional connectivity of the insula in young adults with Internet gaming disorder. <i>Addiction Biology</i> , 2016 , 21, 743-51 | 4.6 | 55 |
| 97 | RESTplus: an improved toolkit for resting-state functional magnetic resonance imaging data processing. <i>Science Bulletin</i> , 2019 , 64, 953-954 | 10.6 | 53 |
| 96 | Detecting resting-state functional connectivity in the language system using functional near-infrared spectroscopy. <i>Journal of Biomedical Optics</i> , 2010 , 15, 047003 | 3.5 | 53 |
| 95 | Neurophysiological Basis of Multi-Scale Entropy of Brain Complexity and Its Relationship With Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2018 , 12, 352 | 5.1 | 51 |
| 94 | Amplitude differences in high-frequency fMRI signals between eyes open and eyes closed resting states. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 503 | 3.3 | 50 |
| 93 | Methylphenidate normalizes resting-state brain dysfunction in boys with attention deficit hyperactivity disorder. <i>Neuropsychopharmacology</i> , 2013 , 38, 1287-95 | 8.7 | 50 |
| 92 | White matter integrity of the whole brain is disrupted in first-episode remitted geriatric depression. <i>NeuroReport</i> , 2007 , 18, 1845-9 | 1.7 | 50 |
| 91 | Relationship between large-scale functional and structural covariance networks in idiopathic generalized epilepsy. <i>Brain Connectivity</i> , 2013 , 3, 240-54 | 2.7 | 49 |
| 90 | White Matter Microstructural Alterations in Children with ADHD: Categorical and Dimensional Perspectives. <i>Neuropsychopharmacology</i> , 2017 , 42, 572-580 | 8.7 | 47 |
| 89 | Subject order-independent group ICA (SOI-GICA) for functional MRI data analysis. <i>NeuroImage</i> , 2010 , 51, 1414-24 | 7.9 | 47 |
| 88 | Altered regional homogeneity in motor cortices in patients with multiple system atrophy. <i>Neuroscience Letters</i> , 2011 , 502, 18-23 | 3.3 | 44 |
| 87 | Sensitive period for white-matter connectivity of superior temporal cortex in deaf people. <i>Human Brain Mapping</i> , 2012 , 33, 349-59 | 5.9 | 41 |
| 86 | Decreased regional homogeneity in major depression as revealed by resting-state functional magnetic resonance imaging. <i>Chinese Medical Journal</i> , 2011 , 124, 369-73 | 2.9 | 41 |
| 85 | Side and handedness effects on the cingulum from diffusion tensor imaging. <i>NeuroReport</i> , 2005 , 16, 1701-5 | 1.7 | 39 |
| 84 | Detecting static and dynamic differences between eyes-closed and eyes-open resting states using ASL and BOLD fMRI. <i>PLoS ONE</i> , 2015 , 10, e0121757 | 3.7 | 36 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 83 | Mapping surface variability of the central sulcus in musicians. <i>Cerebral Cortex</i> , 2010 , 20, 25-33 | 5.1 | 36 |
| 82 | Intrinsic brain activity as a diagnostic biomarker in children with benign epilepsy with centrotemporal spikes. <i>Human Brain Mapping</i> , 2015 , 36, 3878-89 | 5.9 | 35 |
| 81 | Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016 , 6, 23153 | 4.9 | 35 |
| 80 | Consistent decreased activity in the putamen in Parkinson's disease: a meta-analysis and an independent validation of resting-state fMRI. <i>GigaScience</i> , 2018 , 7, | 7.6 | 34 |
| 79 | Alterations in regional functional coherence within the sensory-motor network in amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 2014 , 558, 192-6 | 3.3 | 34 |
| 78 | Intra- and Inter-Scanner Reliability of Voxel-Wise Whole-Brain Analytic Metrics for Resting State fMRI. <i>Frontiers in Neuroinformatics</i> , 2018 , 12, 54 | 3.9 | 34 |
| 77 | Abnormal Spontaneous Neural Activity in Obsessive-Compulsive Disorder: A Resting-State Functional Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , 2013 , 8, e67262 | 3.7 | 33 |
| 76 | Altered regional homogeneity in rolandic epilepsy: a resting-state FMRI study. <i>BioMed Research International</i> , 2014 , 2014, 960395 | 3 | 32 |
| 75 | Resting-state fMRI studies in epilepsy. <i>Neuroscience Bulletin</i> , 2012 , 28, 449-55 | 4.3 | 32 |
| 74 | Percent amplitude of fluctuation: A simple measure for resting-state fMRI signal at single voxel level. <i>PLoS ONE</i> , 2020 , 15, e0227021 | 3.7 | 30 |
| 73 | Altered motor network functional connectivity in amyotrophic lateral sclerosis: a resting-state functional magnetic resonance imaging study. <i>NeuroReport</i> , 2013 , 24, 657-62 | 1.7 | 30 |
| 72 | Inconsistency in Abnormal Brain Activity across Cohorts of ADHD-200 in Children with Attention Deficit Hyperactivity Disorder. <i>Frontiers in Neuroscience</i> , 2017 , 11, 320 | 5.1 | 28 |
| 71 | Altered intra- and inter-regional synchronization of superior temporal cortex in deaf people. <i>Cerebral Cortex</i> , 2013 , 23, 1988-96 | 5.1 | 28 |
| 70 | Differences between attention-deficit disorder with and without hyperactivity: a 1H-magnetic resonance spectroscopy study. <i>Brain and Development</i> , 2005 , 27, 340-4 | 2.2 | 28 |
| 69 | Synchronous multiscale neuroimaging environment for critically sampled physiological analysis of brain function: hepta-scan concept. <i>Brain Connectivity</i> , 2014 , 4, 677-89 | 2.7 | 26 |
| 68 | Altered resting-state activity in seasonal affective disorder. <i>Human Brain Mapping</i> , 2014 , 35, 161-72 | 5.9 | 26 |
| 67 | Effects of finger tapping frequency on regional homogeneity of sensorimotor cortex. <i>PLoS ONE</i> , 2013 , 8, e64115 | 3.7 | 26 |
| 66 | Local Activity and Causal Connectivity in Children with Benign Epilepsy with Centrotemporal Spikes. <i>PLoS ONE</i> , 2015 , 10, e0134361 | 3.7 | 25 |

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| 65 | Multiple Neuroimaging Measures for Examining Exercise-induced Neuroplasticity in Older Adults: A Quasi-experimental Study. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 102 | 5.3 | 23 |
| 64 | Motor-symptom laterality affects acquisition in Parkinson's disease: A cognitive and functional magnetic resonance imaging study. <i>Movement Disorders</i> , 2017 , 32, 1047-1055 | 7 | 22 |
| 63 | Spatial vs. Temporal Features in ICA of Resting-State fMRI - A Quantitative and Qualitative Investigation in the Context of Response Inhibition. <i>PLoS ONE</i> , 2013 , 8, e66572 | 3.7 | 22 |
| 62 | Sustained activity within the default mode network during an implicit memory task. <i>Cortex</i> , 2010 , 46, 354-66 | 3.8 | 21 |
| 61 | Decreased gray matter concentration and local synchronization of spontaneous activity in the motor cortex in Duchenne muscular dystrophy. <i>American Journal of Neuroradiology</i> , 2011 , 32, 2196-200 | 4.4 | 21 |
| 60 | Tumor Tissue Detection using Blood-Oxygen-Level-Dependent Functional MRI based on Independent Component Analysis. <i>Scientific Reports</i> , 2018 , 8, 1223 | 4.9 | 20 |
| 59 | Frequency-Specific Alterations of Local Synchronization in Idiopathic Generalized Epilepsy. <i>Medicine (United States)</i> , 2015 , 94, e1374 | 1.8 | 20 |
| 58 | 5-HTTLPR polymorphism impacts task-evoked and resting-state activities of the amygdala in Han Chinese. <i>PLoS ONE</i> , 2012 , 7, e36513 | 3.7 | 19 |
| 57 | Preclinical and clinical neural network changes in SCA2 parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2013 , 19, 158-64 | 3.6 | 16 |
| 56 | Frequency-dependent changes in the amplitude of low-frequency fluctuations in internet gaming disorder. <i>Frontiers in Psychology</i> , 2015 , 6, 1471 | 3.4 | 16 |
| 55 | Increased local synchronization of resting-state fMRI signal after episodic memory encoding reflects off-line memory consolidation. <i>NeuroReport</i> , 2012 , 23, 873-8 | 1.7 | 16 |
| 54 | A split-merge-based region-growing method for fMRI activation detection. <i>Human Brain Mapping</i> , 2004 , 22, 271-9 | 5.9 | 16 |
| 53 | PreSurgMapp: a MATLAB Toolbox for Presurgical Mapping of Eloquent Functional Areas Based on Task-Related and Resting-State Functional MRI. <i>Neuroinformatics</i> , 2016 , 14, 421-38 | 3.2 | 16 |
| 52 | Differences in Cortical Gray Matter Atrophy of Paraplegia and Tetraplegia after Complete Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019 , 36, 2045-2051 | 5.4 | 16 |
| 51 | Effects of methylphenidate on resting-state brain activity in normal adults: an fMRI study. <i>Neuroscience Bulletin</i> , 2013 , 29, 16-27 | 4.3 | 15 |
| 50 | Associations of brain entropy (BEN) to cerebral blood flow and fractional amplitude of low-frequency fluctuations in the resting brain. <i>Brain Imaging and Behavior</i> , 2019 , 13, 1486-1495 | 4.1 | 15 |
| 49 | Short-term apparent brain tissue changes are contributed by cerebral blood flow alterations. <i>PLoS ONE</i> , 2017 , 12, e0182182 | 3.7 | 14 |
| 48 | Increased Low-Frequency Resting-State Brain Activity by High-Frequency Repetitive TMS on the Left Dorsolateral Prefrontal Cortex. <i>Frontiers in Psychology</i> , 2017 , 8, 2266 | 3.4 | 14 |

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| 47 | Globus Pallidus Interna in Tourette Syndrome: Decreased Local Activity and Disrupted Functional Connectivity. <i>Frontiers in Neuroanatomy</i> , 2016 , 10, 93 | 3.6 | 14 |
| 46 | PAIR Comparison between Two Within-Group Conditions of Resting-State fMRI Improves Classification Accuracy. <i>Frontiers in Neuroscience</i> , 2017 , 11, 740 | 5.1 | 13 |
| 45 | Low-Frequency Fluctuations of the Resting Brain: High Magnitude Does Not Equal High Reliability. <i>PLoS ONE</i> , 2015 , 10, e0128117 | 3.7 | 13 |
| 44 | Linked anatomical and functional brain alterations in children with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2019 , 23, 101851 | 5.3 | 12 |
| 43 | Pregenua or subgenual anterior cingulate cortex as potential effective region for brain stimulation of depression. <i>Brain and Behavior</i> , 2020 , 10, e01591 | 3.4 | 12 |
| 42 | Low-frequency fluctuation in continuous real-time feedback of finger force: a new paradigm for sustained attention. <i>Neuroscience Bulletin</i> , 2012 , 28, 456-67 | 4.3 | 12 |
| 41 | Correlations in spontaneous activity and gray matter density between left and right sensorimotor areas of pianists. <i>NeuroReport</i> , 2008 , 19, 631-4 | 1.7 | 11 |
| 40 | Inconsistency in Abnormal Functional Connectivity Across Datasets of ADHD-200 in Children With Attention Deficit Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2019 , 10, 692 | 5 | 10 |
| 39 | Single-trial variable model for event-related fMRI data analysis. <i>IEEE Transactions on Medical Imaging</i> , 2005 , 24, 236-45 | 11.7 | 10 |
| 38 | Higher Sensitivity and Reproducibility of Wavelet-Based Amplitude of Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2020 , 14, 224 | 5.1 | 9 |
| 37 | Assessing the mean strength and variations of the time-to-time fluctuations of resting-state brain activity. <i>Medical and Biological Engineering and Computing</i> , 2017 , 55, 631-640 | 3.1 | 9 |
| 36 | Exploring Dynamic Brain Functional Networks Using Continuous "State-Related" Functional MRI. <i>BioMed Research International</i> , 2015 , 2015, 824710 | 3 | 9 |
| 35 | Influences of Head Motion Regression on High-Frequency Oscillation Amplitudes of Resting-State fMRI Signals. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 243 | 3.3 | 9 |
| 34 | High-frequency rTMS over the dorsolateral prefrontal cortex on chronic and provoked pain: A systematic review and meta-analysis. <i>Brain Stimulation</i> , 2021 , 14, 1135-1146 | 5.1 | 9 |
| 33 | Altered Cerebello-Motor Network in Familial Cortical Myoclonic Tremor With Epilepsy Type 1. <i>Movement Disorders</i> , 2020 , 35, 1012-1020 | 7 | 8 |
| 32 | Handedness-related functional connectivity using low-frequency blood oxygenation level-dependent fluctuations. <i>NeuroReport</i> , 2006 , 17, 5-8 | 1.7 | 8 |
| 31 | Intra- and Inter-scanner Reliability of Scaled Subprofile Model of Principal Component Analysis on ALFF in Resting-State fMRI Under Eyes Open and Closed Conditions. <i>Frontiers in Neuroscience</i> , 2018 , 12, 311 | 5.1 | 7 |
| 30 | Dorsal anterior cingulate cortex in typically developing children: Laterality analysis. <i>Developmental Cognitive Neuroscience</i> , 2015 , 15, 117-29 | 5.5 | 7 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|
| 29 | Effectiveness of cognitive-coping therapy and alteration of resting-state brain function in obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 2017 , 208, 184-190 | 6.6 | 7 |
| 28 | Biotypes of major depressive disorder: Neuroimaging evidence from resting-state default mode network patterns. <i>NeuroImage: Clinical</i> , 2020 , 28, 102514 | 5.3 | 7 |
| 27 | Verbal working memory-related functional connectivity alterations in boys with attention-deficit/hyperactivity disorder and the effects of methylphenidate. <i>Journal of Psychopharmacology</i> , 2017 , 31, 1061-1069 | 4.6 | 6 |
| 26 | Frequency-Specific Regional Homogeneity Alterations in Tourette Syndrome. <i>Frontiers in Psychiatry</i> , 2020 , 11, 543049 | 5 | 6 |
| 25 | Finger Tapping Task Activation vs. TMS Hotspot: Different Locations and Networks. <i>Brain Topography</i> , 2020 , 33, 123-134 | 4.3 | 6 |
| 24 | Frequency-Dependent Relationship Between Resting-State fMRI and Glucose Metabolism in the Elderly. <i>Frontiers in Neurology</i> , 2019 , 10, 566 | 4.1 | 5 |
| 23 | Asymmetry of the dorsal anterior cingulate cortex: evidences from multiple modalities of MRI. <i>Neuroinformatics</i> , 2013 , 11, 149-57 | 3.2 | 5 |
| 22 | High-Frequency rTMS of the Motor Cortex Modulates Cerebellar and Widespread Activity as Revealed by SVM. <i>Frontiers in Neuroscience</i> , 2020 , 14, 186 | 5.1 | 5 |
| 21 | Disrupted intrinsic functional brain topology in patients with major depressive disorder. <i>Molecular Psychiatry</i> , 2021 , | 15.1 | 5 |
| 20 | Small P values may not yield robust findings: an example using REST-meta-PD. <i>Science Bulletin</i> , 2021 , 66, 2148-2152 | 10.6 | 5 |
| 19 | An fMRI Study of Local Synchronization in Different Subfrequency Bands during the Continuous Feedback of Finger Force. <i>BioMed Research International</i> , 2015 , 2015, 273126 | 3 | 4 |
| 18 | Reproducibility of frequency-dependent low frequency fluctuations in reaction time over time and across tasks. <i>PLoS ONE</i> , 2017 , 12, e0184476 | 3.7 | 4 |
| 17 | Resting-State Functional Connectivity of the Thalamus in Complete Spinal Cord Injury. <i>Neurorehabilitation and Neural Repair</i> , 2020 , 34, 122-133 | 4.7 | 4 |
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| 9 | A review of objective assessments for hyperactivity in attention deficit hyperactivity disorder.. <i>Journal of Neuroscience Methods</i> , 2022 , 109479 | 3 | 2 |
| 8 | Small effect size leads to reproducibility failure in resting-state fMRI studies | | 2 |
| 7 | Frequency-dependent alterations in regional homogeneity in young carriers of the apolipoprotein E genotype. <i>Science Bulletin</i> , 2017 , 62, 654-655 | 10.6 | 1 |
| 6 | A modified temporal self-correlation method for analysis of fMRI time series. <i>Neuroinformatics</i> , 2003 , 1, 259-69 | 3.2 | 1 |
| 5 | The Low-Frequency Fluctuation of Trial-by-Trial Frontal Theta Activity and Its Correlation With Reaction-Time Variability in Sustained Attention. <i>Frontiers in Psychology</i> , 2020 , 11, 1555 | 3.4 | 1 |
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