

# Ruiwang Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

2,829  
citations

172457

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233421

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all docs

101  
docs citations

101  
times ranked

4285  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Different topological organization of human brain functional networks with eyes open versus eyes closed. <i>NeuroImage</i> , 2014, 90, 246-255.   | 4.2 | 141       |
| 2  | Common and distinct abnormal frontal-limbic system structural and functional patterns in patients with major depression and bipolar disorder. <i>NeuroImage: Clinical</i> , 2018, 20, 42-50.                    | 2.7 | 118       |
| 3  | Abnormal dynamic functional network connectivity in unmedicated bipolar and major depressive disorders based on the triple-network model. <i>Psychological Medicine</i> , 2020, 50, 465-474.                    | 4.5 | 87        |
| 4  | Graph theoretical analysis reveals disrupted topological properties of whole brain functional networks in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2014, 125, 1744-1756.                       | 1.5 | 80        |
| 5  | Disrupted brain anatomical connectivity in medication-naïve patients with first-episode schizophrenia. <i>Brain Structure and Function</i> , 2015, 220, 1145-1159.  | 2.3 | 79        |
| 6  | Acupuncture treatment modulates the corticostriatal reward circuitry in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2017, 84, 18-26.  | 3.1 | 76        |
| 7  | Shared and Specific Intrinsic Functional Connectivity Patterns in Unmedicated Bipolar Disorder and Major Depressive Disorder. <i>Scientific Reports</i> , 2017, 7, 3570.  | 3.3 | 74        |
| 8  | Disrupted rich club organization and structural brain connectome in unmedicated bipolar disorder. <i>Psychological Medicine</i> , 2019, 49, 510-518.  | 4.5 | 74        |
| 9  | Abnormal degree centrality in neurologically asymptomatic patients with end-stage renal disease: A resting-state fMRI study. <i>Clinical Neurophysiology</i> , 2016, 127, 602-609.                              | 1.5 | 69        |
| 10 | Common and Specific Abnormalities in Cortical Thickness in Patients with Major Depressive and Bipolar Disorders. <i>EBioMedicine</i> , 2017, 16, 162-171.   | 6.1 | 68        |
| 11 | Structural connectivity subserving verbal fluency revealed by lesion-behavior mapping in stroke patients. <i>Neuropsychologia</i> , 2017, 101, 85-96.   | 1.6 | 63        |
| 12 | Abnormal segments of right uncinate fasciculus and left anterior thalamic radiation in major and bipolar depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 340-349. | 4.8 | 63        |
| 13 | Long-term intensive training induced brain structural changes in world class gymnasts. <i>Brain Structure and Function</i> , 2015, 220, 625-644.  | 2.3 | 61        |
| 14 | Shared and specific functional connectivity alterations in unmedicated bipolar and major depressive disorders based on the triple-network model. <i>Brain Imaging and Behavior</i> , 2020, 14, 186-199.         | 2.1 | 60        |
| 15 | Abnormal structural connectivity between the basal ganglia, thalamus, and frontal cortex in patients with disorders of consciousness. <i>Cortex</i> , 2017, 90, 71-87.  | 2.4 | 56        |
| 16 | Impaired topological architecture of brain structural networks in idiopathic Parkinson's disease: a DTI study. <i>Brain Imaging and Behavior</i> , 2017, 11, 113-128.   | 2.1 | 54        |
| 17 | Repeated acupuncture treatments modulate amygdala resting state functional connectivity of depressive patients. <i>NeuroImage: Clinical</i> , 2016, 12, 746-752.  | 2.7 | 53        |
| 18 | Abnormal cortical thickness in heroin-dependent individuals. <i>NeuroImage</i> , 2014, 88, 295-307.   | 4.2 | 52        |

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|----|---|-----|-----------|
| 19 | A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. <i>Scientific Data</i> , 2015, 2, 150056.   | 5.3 | 51        |
| 20 | Language exposure induced neuroplasticity in the bilingual brain: A follow-up fMRI study. <i>Cortex</i> , 2015, 64, 8-19.   | 2.4 | 51        |
| 21 | High transition frequencies of dynamic functional connectivity states in the creative brain. <i>Scientific Reports</i> , 2017, 7, 46072.  | 3.3 | 50        |
| 22 | Disrupted Topological Organization in Whole-Brain Functional Networks of Heroin-Dependent Individuals: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2013, 8, e82715.   | 2.5 | 47        |
| 23 | Abnormal intrinsic cerebro-cerebellar functional connectivity in un-medicated patients with bipolar disorder and major depressive disorder. <i>Psychopharmacology</i> , 2018, 235, 3187-3200.                       | 3.1 | 46        |
| 24 | Network Centrality of Resting-State fMRI in Primary Angle-Closure Glaucoma Before and After Surgery. <i>PLoS ONE</i> , 2015, 10, e0141389.  | 2.5 | 45        |
| 25 | Exploring brain functional plasticity in world class gymnasts: a network analysis. <i>Brain Structure and Function</i> , 2016, 221, 3503-3519.  | 2.3 | 44        |
| 26 | Radiation-induced abnormal cortical thickness in patients with nasopharyngeal carcinoma after radiotherapy. <i>NeuroImage: Clinical</i> , 2017, 14, 610-621.  | 2.7 | 40        |
| 27 | Suppression of aversive memories associates with changes in early and late stages of neurocognitive processing. <i>Neuropsychologia</i> , 2012, 50, 2839-2848.  | 1.6 | 39        |
| 28 | Abnormal dynamic properties of functional connectivity in disorders of consciousness. <i>NeuroImage: Clinical</i> , 2019, 24, 102071.   | 2.7 | 39        |
| 29 | Efficacy and acceptability of transcranial direct current stimulation for treating depression: A meta-analysis of randomized controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 126, 481-490. | 6.1 | 39        |
| 30 | Open eyes and closed eyes elicit different temporal properties of brain functional networks. <i>NeuroImage</i> , 2020, 222, 117230.   | 4.2 | 36        |
| 31 | The White Matter Structural Network Underlying Human Tool Use and Tool Understanding. <i>Journal of Neuroscience</i> , 2015, 35, 6822-6835.   | 3.6 | 34        |
| 32 | Connectome-based models can predict processing speed in older adults. <i>NeuroImage</i> , 2020, 223, 117290.  | 4.2 | 34        |
| 33 | Distinct Interactions between Fronto-Parietal and Default Mode Networks in Impaired Consciousness. <i>Scientific Reports</i> , 2016, 6, 38866.  | 3.3 | 33        |
| 34 | Long-term intensive gymnastic training induced changes in intra- and inter-network functional connectivity: an independent component analysis. <i>Brain Structure and Function</i> , 2018, 223, 131-144.            | 2.3 | 33        |
| 35 | The semantic anatomical network: Evidence from healthy and brain-damaged patient populations. <i>Human Brain Mapping</i> , 2015, 36, 3499-3515.   | 3.6 | 31        |
| 36 | Onset age of L2 acquisition influences language network in early and late Cantonese-Mandarin bilinguals. <i>Brain and Language</i> , 2017, 174, 16-28.  | 1.6 | 31        |

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|----|---|-----|-----------|
| 37 | Brain spontaneous fluctuations in sensorimotor regions were directly related to eyes open and eyes closed: evidences from a machine learning approach. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 645.   | 2.0 | 30        |
| 38 | Altered Resting-State Functional Connectivity of the Striatum in Parkinson's Disease after Levodopa Administration. <i>PLoS ONE</i> , 2016, 11, e0161935.   | 2.5 | 27        |
| 39 | Altered modular organization of intrinsic brain functional networks in patients with Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2017, 11, 430-443.  | 2.1 | 27        |
| 40 | Abnormal white matter structural networks characterize heroin-dependent individuals: a network analysis. <i>Addiction Biology</i> , 2016, 21, 667-678.  | 2.6 | 26        |
| 41 | Directionality of large-scale resting-state brain networks during eyes open and eyes closed conditions. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 81.   | 2.0 | 25        |
| 42 | Reconfiguration of the Brain Functional Network Associated with Visual Task Demands. <i>PLoS ONE</i> , 2015, 10, e0132518.  | 2.5 | 25        |
| 43 | ZNF804A rs1344706 is associated with cortical thickness, surface area, and cortical volume of the unmedicated first episode schizophrenia and healthy controls. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 265-273. | 1.7 | 24        |
| 44 | Exploring the Associations Between Intrinsic Brain Connectivity and Creative Ability Using Functional Connectivity Strength and Connectome Analysis. <i>Brain Connectivity</i> , 2017, 7, 590-601.  | 1.7 | 23        |
| 45 | Association between resting-state brain network topological organization and creative ability: Evidence from a multiple linear regression model. <i>Biological Psychology</i> , 2017, 129, 165-177.   | 2.2 | 23        |
| 46 | Disruption of superficial white matter in the emotion regulation network in bipolar disorder. <i>NeuroImage: Clinical</i> , 2018, 20, 875-882.  | 2.7 | 23        |
| 47 | White matter pathway supporting phonological encoding in speech production: a multi-modal imaging study of brain damage patients. <i>Brain Structure and Function</i> , 2016, 221, 577-589.   | 2.3 | 22        |
| 48 | Effects of levodopa therapy on voxel-based degree centrality in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2019, 13, 1202-1219.   | 2.1 | 22        |
| 49 | Plasticity in deep and superficial white matter: a DTI study in world class gymnasts. <i>Brain Structure and Function</i> , 2018, 223, 1849-1862.   | 2.3 | 18        |
| 50 | Cortical thickness reductions associate with abnormal resting-state functional connectivity in non-neuropsychiatric systemic lupus erythematosus. <i>Brain Imaging and Behavior</i> , 2018, 12, 674-684.  | 2.1 | 18        |
| 51 | Brain white matter structural networks in patients with non-neuropsychiatric systemic lupus erythematosus. <i>Brain Imaging and Behavior</i> , 2018, 12, 142-155.   | 2.1 | 18        |
| 52 | Abnormal intrinsic brain functional network dynamics in unmedicated depressed bipolar II disorder. <i>Journal of Affective Disorders</i> , 2019, 253, 402-409.  | 4.1 | 18        |
| 53 | Common and specific altered amplitude of low-frequency fluctuations in Parkinson's disease patients with and without freezing of gait in different frequency bands. <i>Brain Imaging and Behavior</i> , 2020, 14, 857-868.  | 2.1 | 18        |
| 54 | White Matter Microstructure Underlies the Effects of Sleep Quality and Life Stress on Depression Symptomatology in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 578037.   | 3.4 | 17        |

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|----|--|-----|-----------|
| 55 | Anomalous static and dynamic functional connectivity of amygdala subregions in individuals with high trait anxiety. <i>Depression and Anxiety</i> , 2021, 38, 860-873.   | 4.1 | 17        |
| 56 | Representation of human spatial navigation responding to input spatial information and output navigational strategies: An ALE meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 103, 60-72.                                 | 6.1 | 16        |
| 57 | Hyperconnectivity between the posterior cingulate and middle frontal and temporal gyrus in depression: Based on functional connectivity meta-analyses. <i>Brain Imaging and Behavior</i> , 2022, 16, 1538-1551.                                | 2.1 | 16        |
| 58 | Relation of visual creative imagery manipulation to resting-state brain oscillations. <i>Brain Imaging and Behavior</i> , 2018, 12, 258-273.   | 2.1 | 15        |
| 59 | Abnormal Effective Connectivity of the Anterior Forebrain Regions in Disorders of Consciousness. <i>Neuroscience Bulletin</i> , 2018, 34, 647-658.   | 2.9 | 15        |
| 60 | The prevalence and risk of developing major depression among individuals with subthreshold depression in the general population. <i>Psychological Medicine</i> , 2023, 53, 3611-3620.  | 4.5 | 15        |
| 61 | Structural and functional brain signatures of endurance runners. <i>Brain Structure and Function</i> , 2021, 226, 93-103.  | 2.3 | 14        |
| 62 | Altered properties of brain white matter structural networks in patients with nasopharyngeal carcinoma after radiotherapy. <i>Brain Imaging and Behavior</i> , 2020, 14, 2745-2761.  | 2.1 | 13        |
| 63 | A Comparative Multimodal Meta-analysis of Anisotropy and Volume Abnormalities in White Matter in People Suffering From Bipolar Disorder or Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 69-79.                                     | 4.3 | 13        |
| 64 | Cognitive enhancement of healthy young adults with hyperbaric oxygen: A preliminary resting-state fMRI study. <i>Clinical Neurophysiology</i> , 2015, 126, 2058-2067.  | 1.5 | 12        |
| 65 | Intrinsic Neural Linkage between Primary Visual Area and Default Mode Network in Human Brain: Evidence from Visual Mental Imagery. <i>Neuroscience</i> , 2018, 379, 13-21.   | 2.3 | 12        |
| 66 | Human spatial navigation: Neural representations of spatial scales and reference frames obtained from an ALE meta-analysis. <i>NeuroImage</i> , 2021, 238, 118264.   | 4.2 | 12        |
| 67 | The neural correlates of internal and external comparisons: an fMRI study. <i>Brain Structure and Function</i> , 2017, 222, 563-575.   | 2.3 | 11        |
| 68 | The left inferior longitudinal fasciculus supports orthographic processing: Evidence from a lesion-behavior mapping analysis. <i>Brain and Language</i> , 2020, 201, 104721.   | 1.6 | 11        |
| 69 | Mental rotation task specifically modulates functional connectivity strength of intrinsic brain activity in low frequency domains: A maximum uncertainty linear discriminant analysis. <i>Behavioural Brain Research</i> , 2017, 320, 233-243. | 2.2 | 10        |
| 70 | Chronic disorders of consciousness. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 1277-1283.  | 1.8 | 10        |
| 71 | Dynamic Properties of Human Default Mode Network in Eyes-Closed and Eyes-Open. <i>Brain Topography</i> , 2020, 33, 720-732.  | 1.8 | 10        |
| 72 | Eyes Closed Elevates Brain Intrinsic Activity of Sensory Dominance Networks: A Classifier Discrimination Analysis. <i>Brain Connectivity</i> , 2019, 9, 221-230.   | 1.7 | 9         |

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|----|--|-----|-----------|
| 73 | Common and specific neural correlates underlying insight and ordinary problem solving. <i>Brain Imaging and Behavior</i> , 2021, 15, 1374-1387.  | 2.1 | 9         |
| 74 | Disrupted Brain Connectivity Networks in Aphasia Revealed by Resting-State fMRI. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 666301.  | 3.4 | 9         |
| 75 | Increased Global and Local Efficiency of Human Brain Anatomical Networks Detected with FLAIR-DTI Compared to Non-FLAIR-DTI. <i>PLoS ONE</i> , 2013, 8, e71229.   | 2.5 | 8         |
| 76 | Time is nothing: emotional consistency of autobiographical memory and its neural basis. <i>Brain Imaging and Behavior</i> , 2018, 12, 1053-1066.   | 2.1 | 8         |
| 77 | Dynamic Language Network in Early and Late Cantonese-Mandarin Bilinguals. <i>Frontiers in Psychology</i> , 2020, 11, 1189.   | 2.1 | 8         |
| 78 | Large Scale Brain Functional Networks Support Sentence Comprehension: Evidence from Both Explicit and Implicit Language Tasks. <i>PLoS ONE</i> , 2013, 8, e80214.  | 2.5 | 8         |
| 79 | Spatially Overlapping Regions Show Abnormal Thalamo-frontal Circuit and Abnormal Precuneus in Disorders of Consciousness. <i>Brain Topography</i> , 2019, 32, 445-460.   | 1.8 | 7         |
| 80 | Altered gray matter structural covariance networks at both acute and chronic stages of mild traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 1840-1854.   | 2.1 | 7         |
| 81 | Connectivity of the ventral visual cortex is necessary for object recognition in patients. <i>Human Brain Mapping</i> , 2018, 39, 2786-2799.   | 3.6 | 6         |
| 82 | The role of altered brain structural connectivity in resilience, vulnerability, and disease expression to schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109917.                    | 4.8 | 6         |
| 83 | Effect of AoA-L2 on L1 and L2 networks in early and late bilinguals. <i>International Journal of Bilingualism</i> , 0, , 136700692110330.  | 1.2 | 6         |
| 84 | Multimodal MRI reveals alterations of the anterior insula and posterior cingulate cortex in bipolar II disorders: A surface-based approach. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 116, 110533. | 4.8 | 6         |
| 85 | Prediction of Biological Motion Perception Performance from Intrinsic Brain Network Regional Efficiency. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 552.   | 2.0 | 5         |
| 86 | The impact of negative mood state on sleep-related attentional bias in insomnia. <i>Journal of Sleep Research</i> , 2019, 28, e12748.  | 3.2 | 5         |
| 87 | The Neural Correlates of Intelligence Comparison. <i>Cerebral Cortex</i> , 2019, 29, 253-264.  | 2.9 | 5         |
| 88 | Time-delay structure predicts clinical scores for patients with disorders of consciousness using resting-state fMRI. <i>NeuroImage: Clinical</i> , 2021, 32, 102797.   | 2.7 | 5         |
| 89 | Neural correlates of transitive inference: An SDM meta-analysis on 32 fMRI studies. <i>NeuroImage</i> , 2022, 258, 119354.   | 4.2 | 5         |
| 90 | Specific white matter connectomic changes in schizophrenia compared with psychotic bipolar disorder. <i>Asian Journal of Psychiatry</i> , 2021, 55, 102468.  | 2.0 | 4         |

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|-----|--|-----|-----------|
| 91  | Cortical myelin content mediates differences in affective temperaments. <i>Journal of Affective Disorders</i> , 2021, 282, 1263-1271.  | 4.1 | 4         |
| 92  | Brain activation elicited by acute stress: An ALE meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 706-724.   | 6.1 | 4         |
| 93  | A specific brain network for a social map in the human brain. <i>Scientific Reports</i> , 2022, 12, 1773.  | 3.3 | 3         |
| 94  | Neural Associations of the Early Retinotopic Cortex with the Lateral Occipital Complex during Visual Perception. <i>PLoS ONE</i> , 2014, 9, e108557.                               | 2.5 | 2         |
| 95  | Age of Acquisition of Mandarin Modulates Cortical Thickness in High-Proficient Cantoneseâ€“Mandarin Bidialectals. <i>Journal of Psycholinguistic Research</i> , 2020, 50, 723-736. | 1.3 | 2         |
| 96  | Altered microstructural properties of superficial white matter in patients with Parkinsonâ€™s disease. <i>Brain Imaging and Behavior</i> , 2022, 16, 476-491.                      | 2.1 | 2         |
| 97  | Task-related connectivity of decision points during spatial navigation in a schematic map. <i>Brain Structure and Function</i> , 2022, 227, 1697-1710.                             | 2.3 | 2         |
| 98  | The neural correlates of moral comparison. <i>Neuropsychologia</i> , 2020, 149, 107662.  | 1.6 | 1         |
| 99  | Dynamic Causal Modelling of Hierarchical Planning. <i>NeuroImage</i> , 2022, 258, 119384.  | 4.2 | 1         |
| 100 | Increased Gray Matter Volume Induced by Chinese Language Acquisition in Adult Alphabetic Language Speakers. <i>Frontiers in Psychology</i> , 2022, 13, 824219.                     | 2.1 | 0         |