

Kai Wu

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,660
citations

331642

21
h-index

302107

39
g-index

50
all docs

50
docs citations

50
times ranked

3112
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-related changes in topological organization of structural brain networks in healthy individuals. <i>Human Brain Mapping</i> , 2012, 33, 552-568.	3.6	156
2	Topological Organization of Functional Brain Networks in Healthy Children: Differences in Relation to Age, Sex, and Intelligence. <i>PLoS ONE</i> , 2013, 8, e55347.	2.5	142
3	Prevalence of childhood trauma and correlations between childhood trauma, suicidal ideation, and social support in patients with depression, bipolar disorder, and schizophrenia in southern China. <i>Journal of Affective Disorders</i> , 2018, 228, 41-48.	4.1	141
4	Sleep duration during weekdays affects hippocampal gray matter volume in healthy children. <i>NeuroImage</i> , 2012, 60, 471-475.	4.2	96
5	Correlation between gray matter density-adjusted brain perfusion and age using brain MR images of 202 healthy children. <i>Human Brain Mapping</i> , 2011, 32, 1973-1985.	3.6	84
6	Discriminative analysis of schizophrenia using support vector machine and recursive feature elimination on structural MRI images. <i>Medicine (United States)</i> , 2016, 95, e3973.	1.0	75
7	Increased suicide attempts in young depressed patients with abnormal temporal-parietal-limbic gray matter volume. <i>Journal of Affective Disorders</i> , 2014, 165, 69-73.	4.1	71
8	Correlation among body height, intelligence, and brain gray matter volume in healthy children. <i>NeuroImage</i> , 2012, 59, 1023-1027.	4.2	68
9	Altered gut microbiota associated with symptom severity in schizophrenia. <i>PeerJ</i> , 2020, 8, e9574.	2.0	59
10	The Overlapping Community Structure of Structural Brain Network in Young Healthy Individuals. <i>PLoS ONE</i> , 2011, 6, e19608.	2.5	58
11	Linear and curvilinear correlations of brain white matter volume, fractional anisotropy, and mean diffusivity with age using voxel-based and region-of-interest analyses in 246 healthy children. <i>Human Brain Mapping</i> , 2013, 34, 1842-1856.	3.6	57
12	Prevalence and Correlation of Anxiety, Insomnia and Somatic Symptoms in a Chinese Population During the COVID-19 Epidemic. <i>Frontiers in Psychiatry</i> , 2020, 11, 568329.	2.6	56
13	A longitudinal study of structural brain network changes with normal aging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 113.	2.0	55
14	The gut microbiome is associated with brain structure and function in schizophrenia. <i>Scientific Reports</i> , 2021, 11, 9743.	3.3	49
15	A longitudinal study of the relationship between personality traits and the annual rate of volume changes in regional gray matter in healthy adults. <i>Human Brain Mapping</i> , 2013, 34, 3347-3353.	3.6	47
16	Correlation between gray/white matter volume and cognition in healthy elderly people. <i>Brain and Cognition</i> , 2011, 75, 170-176.	1.8	46
17	A longitudinal study of age- and gender-related annual rate of volume changes in regional gray matter in healthy adults. <i>Human Brain Mapping</i> , 2013, 34, 2292-2301.	3.6	46
18	Correlation between high-sensitivity C-reactive protein and brain gray matter volume in healthy elderly subjects. <i>Human Brain Mapping</i> , 2013, 34, 2418-2424.	3.6	41

#	ARTICLE	IF	CITATIONS
19	Structural and functional brain abnormalities in drug-naive, first-episode, and chronic patients with schizophrenia: a multimodal MRI study. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 2889-2904.	2.2	32
20	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
21	Gender differences in partial-volume corrected brain perfusion using brain MRI in healthy children. <i>NeuroImage</i> , 2011, 58, 709-715.	4.2	24
22	Structural and Functional Abnormalities in Children with Attention-Deficit/Hyperactivity Disorder: A Focus on Subgenual Anterior Cingulate Cortex. <i>Brain Connectivity</i> , 2017, 7, 106-114.	1.7	24
23	An integrated machine learning framework for a discriminative analysis of schizophrenia using multi-biological data. <i>Scientific Reports</i> , 2021, 11, 14636.	3.3	18
24	<p>The Relationship Between Symptoms of Anxiety and Somatic Symptoms in Health Professionals During the Coronavirus Disease 2019 Pandemic</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 3153-3161.	2.2	17
25	A Wireless Mobile Monitoring System for Home Healthcare and Community Medical Services. , 2007, , .		16
26	Homocysteine level, body mass index and clinical correlates in Chinese Han patients with schizophrenia. <i>Scientific Reports</i> , 2020, 10, 16119.	3.3	16
27	Divergent Alterations of Structural"Functional Connectivity Couplings in First-episode and Chronic Schizophrenia Patients. <i>Neuroscience</i> , 2021, 460, 1-12.	2.3	16
28	Effects of Brain Atlases and Machine Learning Methods on the Discrimination of Schizophrenia Patients: A Multimodal MRI Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 697168.	2.8	14
29	Correlation between degree of white matter hyperintensities and global gray matter volume decline rate. <i>Neuroradiology</i> , 2011, 53, 397-403.	2.2	13
30	Altered topological characteristics of morphological brain network relate to language impairment in high genetic risk subjects and schizophrenia patients. <i>Schizophrenia Research</i> , 2019, 208, 338-343.	2.0	13
31	Correlation between baseline regional gray matter volume and global gray matter volume decline rate. <i>NeuroImage</i> , 2011, 54, 743-749.	4.2	12
32	Differences in the Association of Anxiety, Insomnia and Somatic Symptoms between Medical Staff and the General Population During the Outbreak of COVID-19. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 1907-1915.	2.2	9
33	A new method of detecting the characteristic waves and their onset and end in electrocardiogram signals. <i>Biomedical Signal Processing and Control</i> , 2022, 75, 103607.	5.7	8
34	Abnormal interactions of verbal- and spatial-memory networks in young people at familial high-risk for schizophrenia. <i>Schizophrenia Research</i> , 2016, 176, 100-105.	2.0	6
35	Multimodal Magnetic Resonance Imaging Reveals Aberrant Brain Age Trajectory During Youth in Schizophrenia Patients. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 823502.	3.4	6
36	Design of a Wearable Device for Monitoring SpO2 Continuously. , 2015, , .		5

#	ARTICLE	IF	CITATIONS
37	The Role of Frontal and Occipital Cortices in Processing Sustained Visual Attention in Young Adults with Attention-Deficit/Hyperactivity Disorder: A Functional Near-Infrared Spectroscopy Study. Neuroscience Bulletin, 2020, 36, 659-663.	2.9	5
38	Suicide Attempts, Neurocognitive Dysfunctions and Clinical Correlates in Middle-Aged and Elderly Chinese Schizophrenia Patients. Frontiers in Psychiatry, 2021, 12, 684653.	2.6	5
39	Association between plasma homocysteine levels and cognitive deficits in Han Chinese patients with schizophrenia across age groups. Scientific Reports, 2021, 11, 19716.	3.3	5
40	Age estimation using effective brain local features from T1-weighted images. , 2016, 2016, 5941-5944.		4
41	NEURO-LEARN: a Solution for Collaborative Pattern Analysis of Neuroimaging Data. Neuroinformatics, 2021, 19, 79-91.	2.8	4
42	A particle swarm optimization improved BP neural network intelligent model for electrocardiogram classification. BMC Medical Informatics and Decision Making, 2021, 21, 99.	3.0	4
43	Discriminative Analysis of Schizophrenia Patients Using Topological Properties of Structural and Functional Brain Networks: A Multimodal Magnetic Resonance Imaging Study. Frontiers in Neuroscience, 2021, 15, 785595.	2.8	4
44	Understanding Medical Images Based on Computational Anatomy Models. , 2017, , 151-284.		2
45	Aberrant Dynamic Functional Connectivity of Posterior Cingulate Cortex Subregions in Major Depressive Disorder With Suicidal Ideation. Frontiers in Neuroscience, 0, 16, .	2.8	2
46	DEVELOPMENT AND AGING OF THE HUMAN BRAIN STUDIED WITH BRAIN MAGNETIC RESONANCE IMAGE. , 2012, , .		1
47	Discriminative Analysis of Depression Patients Studied with Structural MR Images Using Support Vector Machine and Recursive Feature Elimination. Sensing and Imaging, 2019, 20, 1.	1.5	1
48	ANALYSIS OF ANATOMICAL NETWORKS USING REGIONAL GRAY MATTER VOLUME WITH JAPANESE BRAIN MRI DATABASE. , 2009, , .		0
49	GRAPH THEORETICAL ANALYSIS OF HUMAN STRUCTURAL BRAIN NETWORKS. , 2012, , .		0