

Kai Wu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,094
citations

19
h-index

32
g-index

50
ext. papers

1,385
ext. citations

4.4
avg, IF

3.88
L-index

#	Paper	IF	Citations
46	Multimodal Magnetic Resonance Imaging Reveals Aberrant Brain Age Trajectory During Youth in Schizophrenia Patients.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 823502	5.3	0
45	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	4.9	0
44	Discriminative Analysis of Schizophrenia Patients Using Topological Properties of Structural and Functional Brain Networks: A Multimodal Magnetic Resonance Imaging Study.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 785595	5.1	0
43	Association between plasma homocysteine levels and cognitive deficits in Han Chinese patients with schizophrenia across age groups. <i>Scientific Reports</i> , 2021 , 11, 19716	4.9	1
42	Divergent Alterations of Structural-Functional Connectivity Couplings in First-episode and Chronic Schizophrenia Patients. <i>Neuroscience</i> , 2021 , 460, 1-12	3.9	3
41	The gut microbiome is associated with brain structure and function in schizophrenia. <i>Scientific Reports</i> , 2021 , 11, 9743	4.9	20
40	Suicide Attempts, Neurocognitive Dysfunctions and Clinical Correlates in Middle-Aged and Elderly Chinese Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 2021 , 12, 684653	5	
39	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 , 17, 1907-1915	3.1	2
38	An integrated machine learning framework for a discriminative analysis of schizophrenia using multi-biological data. <i>Scientific Reports</i> , 2021 , 11, 14636	4.9	4
37	A particle swarm optimization improved BP neural network intelligent model for electrocardiogram classification. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 99	3.6	1
36	NEURO-LEARN: a Solution for Collaborative Pattern Analysis of Neuroimaging Data. <i>Neuroinformatics</i> , 2021 , 19, 79-91	3.2	3
35	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	5.1	4
34	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. <i>Neuroscience Bulletin</i> , 2020 , 36, 659-663	4.3	1
33	The Relationship Between Symptoms of Anxiety and Somatic Symptoms in Health Professionals During the Coronavirus Disease 2019 Pandemic. <i>Neuropsychiatric Disease and Treatment</i> , 2020 , 16, 3153-3161	3.1	9
32	Altered gut microbiota associated with symptom severity in schizophrenia. <i>PeerJ</i> , 2020 , 8, e9574	3.1	25
31	Homocysteine level, body mass index and clinical correlates in Chinese Han patients with schizophrenia. <i>Scientific Reports</i> , 2020 , 10, 16119	4.9	7
30	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	5	27

29	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	3.6	8
28	Discriminative Analysis of Depression Patients Studied with Structural MR Images Using Support Vector Machine and Recursive Feature Elimination. <i>Sensing and Imaging</i> , 2019 , 20, 1	1.4	1
27	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	6.6	73
26	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 , 14, 2889-2904	3.1	16
25	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	2.7	14
24	Understanding Medical Images Based on Computational Anatomy Models 2017 , 151-284		1
23	Age estimation using effective brain local features from T1-weighted images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 5941-5944	0.9	2
22	Discriminative analysis of schizophrenia using support vector machine and recursive feature elimination on structural MRI images. <i>Medicine (United States)</i> , 2016 , 95, e3973	1.8	51
21	Altered Resting-State Functional Connectivity of the Striatum in Parkinson's Disease after Levodopa Administration. <i>PLoS ONE</i> , 2016 , 11, e0161935	3.7	19
20	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	3.6	5
19	Design of a Wearable Device for Monitoring SpO2 Continuously 2015 ,		4
18	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	6.6	39
17	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, 1842-56	5.9	45
16	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, 2292-301	5.9	32
15	Correlation between high-sensitivity C-reactive protein and brain gray matter volume in healthy elderly subjects. <i>Human Brain Mapping</i> , 2013 , 34, 2418-24	5.9	30
14	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, 3347-53	5.9	35
13	A longitudinal study of structural brain network changes with normal aging. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 113	3.3	41
12	Topological organization of functional brain networks in healthy children: differences in relation to age, sex, and intelligence. <i>PLoS ONE</i> , 2013 , 8, e55347	3.7	100

11	Age-related changes in topological organization of structural brain networks in healthy individuals. <i>Human Brain Mapping</i> , 2012 , 33, 552-68	5.9	128
10	DEVELOPMENT AND AGING OF THE HUMAN BRAIN STUDIED WITH BRAIN MAGNETIC RESONANCE IMAGE 2012 ,		1
9	Correlation among body height, intelligence, and brain gray matter volume in healthy children. <i>NeuroImage</i> , 2012 , 59, 1023-7	7.9	59
8	Sleep duration during weekdays affects hippocampal gray matter volume in healthy children. <i>NeuroImage</i> , 2012 , 60, 471-5	7.9	74
7	Gender differences in partial-volume corrected brain perfusion using brain MRI in healthy children. <i>NeuroImage</i> , 2011 , 58, 709-15	7.9	16
6	Correlation between baseline regional gray matter volume and global gray matter volume decline rate. <i>NeuroImage</i> , 2011 , 54, 743-9	7.9	11
5	Correlation between gray/white matter volume and cognition in healthy elderly people. <i>Brain and Cognition</i> , 2011 , 75, 170-6	2.7	36
4	The overlapping community structure of structural brain network in young healthy individuals. <i>PLoS ONE</i> , 2011 , 6, e19608	3.7	49
3	Correlation between degree of white matter hyperintensities and global gray matter volume decline rate. <i>Neuroradiology</i> , 2011 , 53, 397-403	3.2	12
2	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, 1973-85	5.9	74
1	A Wireless Mobile Monitoring System for Home Healthcare and Community Medical Services 2007 ,		11