

Kai Wu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9320272/kai-wu-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
45	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
44	Sleep duration during weekdays affects hippocampal gray matter volume in healthy children. <i>NeuroImage</i> , 2012 , 60, 471-5	7.9	74
43	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
42	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
41	Correlation among body height, intelligence, and brain gray matter volume in healthy children. <i>NeuroImage</i> , 2012 , 59, 1023-7	7.9	59
40	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
39	The overlapping community structure of structural brain network in young healthy individuals. <i>PLoS ONE</i> , 2011 , 6, e19608	3.7	49
38	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
37	A longitudinal study of structural brain network changes with normal aging. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 113	3.3	41
36	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
35	Correlation between gray/white matter volume and cognition in healthy elderly people. <i>Brain and Cognition</i> , 2011 , 75, 170-6	2.7	36
34	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
33	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
32	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
31	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
30	Altered gut microbiota associated with symptom severity in schizophrenia. <i>PeerJ</i> , 2020 , 8, e9574	3.1	25

29	The gut microbiome is associated with brain structure and function in schizophrenia. <i>Scientific Reports</i> , 2021 , 11, 9743	4.9	20
28	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
27	Gender differences in partial-volume corrected brain perfusion using brain MRI in healthy children. <i>NeuroImage</i> , 2011 , 58, 709-15	7.9	16
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	Correlation between degree of white matter hyperintensities and global gray matter volume decline rate. <i>Neuroradiology</i> , 2011 , 53, 397-403	3.2	12
23	Correlation between baseline regional gray matter volume and global gray matter volume decline rate. <i>NeuroImage</i> , 2011 , 54, 743-9	7.9	11
22	A Wireless Mobile Monitoring System for Home Healthcare and Community Medical Services 2007 ,		11
21	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
20	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
19	Homocysteine level, body mass index and clinical correlates in Chinese Han patients with schizophrenia. <i>Scientific Reports</i> , 2020 , 10, 16119	4.9	7
18	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
17	Design of a Wearable Device for Monitoring SpO2 Continuously 2015 ,		4
16	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
15	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
14	Divergent Alterations of Structural-Functional Connectivity Couplings in First-episode and Chronic Schizophrenia Patients. <i>Neuroscience</i> , 2021 , 460, 1-12	3.9	3
13	NEURO-LEARN: a Solution for Collaborative Pattern Analysis of Neuroimaging Data. <i>Neuroinformatics</i> , 2021 , 19, 79-91	3.2	3
12	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

11	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
10	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
9	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
8	DEVELOPMENT AND AGING OF THE HUMAN BRAIN STUDIED WITH BRAIN MAGNETIC RESONANCE IMAGE 2012 ,		1
7	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
6	Understanding Medical Images Based on Computational Anatomy Models 2017 , 151-284		1
5	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
4	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
3	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
2	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
1	Suicide Attempts, Neurocognitive Dysfunctions and Clinical Correlates in Middle-Aged and Elderly Chinese Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 2021 , 12, 684653	5	