

Du Lei

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,218
citations

236833

25
h-index

302012

39
g-index

88
all docs

88
docs citations

88
times ranked

2869
citing authors

#	ARTICLE	IF	CITATIONS
1	Disrupted Functional Brain Connectome in Patients with Posttraumatic Stress Disorder. <i>Radiology</i> , 2015, 276, 818-827.	3.6	136
2	Grey matter reduction associated with posttraumatic stress disorder and traumatic stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 43, 163-172.	2.9	114
3	Disrupted brain network topology in pediatric posttraumatic stress disorder: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2015, 36, 3677-3686.	1.9	103
4	Real-time effects of centrotemporal spikes on cognition in rolandic epilepsy. <i>Neurology</i> , 2016, 86, 544-551.	1.5	74
5	Functional MRI reveals different response inhibition between adults and children with ADHD.. <i>Neuropsychology</i> , 2015, 29, 874-881.	1.0	68
6	Functional Brain Connectome and Its Relation to Hoehn and Yahr Stage in Parkinson Disease. <i>Radiology</i> , 2017, 285, 904-913.	3.6	68
7	Detecting schizophrenia at the level of the individual: relative diagnostic value of whole-brain images, connectome-wide functional connectivity and graph-based metrics. <i>Psychological Medicine</i> , 2020, 50, 1852-1861.	2.7	57
8	Psychoradiological patterns of small-world properties and a systematic review of connectome studies of patients with 6 major psychiatric disorders. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 416-427.	1.4	56
9	Integrating machine learning and multimodal neuroimaging to detect schizophrenia at the level of the individual. <i>Human Brain Mapping</i> , 2020, 41, 1119-1135.	1.9	56
10	Microstructural Abnormalities in the Combined and Inattentive Subtypes of Attention Deficit Hyperactivity Disorder: a Diffusion Tensor Imaging Study. <i>Scientific Reports</i> , 2014, 4, 6875.	1.6	50
11	White Matter Abnormalities in Post-traumatic Stress Disorder Following a Specific Traumatic Event. <i>EBioMedicine</i> , 2016, 4, 176-183.	2.7	49
12	Functional brain connectome and sensorimotor networks in rolandic epilepsy. <i>Epilepsy Research</i> , 2015, 113, 113-125.	0.8	47
13	Altered attention networks in benign childhood epilepsy with centrotemporal spikes (BECTS): A resting-state fMRI study. <i>Epilepsy and Behavior</i> , 2015, 45, 234-241.	0.9	45
14	Anatomic Insights into Disrupted Small-World Networks in Pediatric Posttraumatic Stress Disorder. <i>Radiology</i> , 2017, 282, 826-834.	3.6	45
15	Altered brain activation during response inhibition in children with primary nocturnal enuresis: An fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 2913-2919.	1.9	42
16	Changes in the Brain Microstructure of Children with Primary Monosymptomatic Nocturnal Enuresis: A Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2012, 7, e31023.	1.1	41
17	Real-time effects of interictal spikes on hippocampus and amygdala functional connectivity in unilateral temporal lobe epilepsy: An EEG-fMRI study. <i>Epilepsia</i> , 2019, 60, 246-254.	2.6	38
18	Brain gray matter network organization in psychotic disorders. <i>Neuropsychopharmacology</i> , 2020, 45, 666-674.	2.8	37

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19	Compensatory brain activation in children with attention deficit/hyperactivity disorder during a simplified Go/No-go task. <i>Journal of Neural Transmission</i> , 2012, 119, 613-619.	1.4	36
20	Altered spontaneous activity in treatment-naïve childhood absence epilepsy revealed by Regional Homogeneity. <i>Journal of the Neurological Sciences</i> , 2014, 340, 58-62.	0.3	36
21	Shared gray matter alterations in individuals with diverse behavioral addictions: A voxel-wise meta-analysis. <i>Journal of Behavioral Addictions</i> , 2020, 9, 44-57.	1.9	34
22	Resting-state brain activation correlates with short-time antidepressant treatment outcome in drug-naïve patients with major depressive disorder. <i>Journal of International Medical Research</i> , 2014, 42, 966-975.	0.4	31
23	Using graph convolutional network to characterize individuals with major depressive disorder across multiple imaging sites. <i>EBioMedicine</i> , 2022, 78, 103977.	2.7	30
24	The construction of MRI brain/head templates for Chinese children from 7 to 16 years of age. <i>Developmental Cognitive Neuroscience</i> , 2015, 15, 94-105.	1.9	28
25	Disrupted grey matter network morphology in pediatric posttraumatic stress disorder. <i>NeuroImage: Clinical</i> , 2018, 18, 943-951.	1.4	28
26	Resting-state fMRI study on drug-naïve patients of essential tremor with and without head tremor. <i>Scientific Reports</i> , 2018, 8, 10580.	1.6	28
27	Multidelay multiparametric arterial spin labeling perfusion MRI and mild cognitive impairment in early stage Parkinson's disease. <i>Human Brain Mapping</i> , 2019, 40, 1317-1327.	1.9	28
28	Microstructural Abnormalities in Children with Post-traumatic Stress Disorder: A Diffusion Tensor Imaging Study at 3.0T. <i>Scientific Reports</i> , 2015, 5, 8933.	1.6	27
29	Different patterns of white matter changes after successful surgery of mesial temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2019, 21, 101631.	1.4	27
30	Machine learning for detecting mesial temporal lobe epilepsy by structural and functional neuroimaging. <i>Frontiers of Medicine</i> , 2020, 14, 630-641.	1.5	25
31	Reduced local segregation of single-subject gray matter networks in adult PTSD. <i>Human Brain Mapping</i> , 2018, 39, 4884-4892.	1.9	24
32	The participation of basolateral amygdala in the efficacy of acupuncture with deqi treating for functional dyspepsia. <i>Brain Imaging and Behavior</i> , 2021, 15, 216-230.	1.1	24
33	Disruption of gray matter morphological networks in patients with paroxysmal kinesigenic dyskinesia. <i>Human Brain Mapping</i> , 2021, 42, 398-411.	1.9	23
34	Topologically convergent and divergent morphological gray matter networks in early-stage Parkinson's disease with and without mild cognitive impairment. <i>Human Brain Mapping</i> , 2021, 42, 5101-5112.	1.9	23
35	Microstructural abnormalities of the brain white matter in attention-deficit/hyperactivity disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, 280-287.	1.4	22
36	Abnormalities of intrinsic brain activity in essential tremor: A meta-analysis of resting-state functional imaging. <i>Human Brain Mapping</i> , 2021, 42, 3156-3167.	1.9	22

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37	Increased interhemispheric resting-state in idiopathic generalized epilepsy with generalized tonic-clonic seizures: A resting-state fMRI study. <i>Epilepsy Research</i> , 2014, 108, 1299-1305.	0.8	21
38	Increased interhemispheric resting-state functional connectivity in paroxysmal kinesigenic dyskinesia: A resting-state fMRI study. <i>Journal of the Neurological Sciences</i> , 2015, 351, 93-98.	0.3	21
39	Altered Functional Connectivity of the Amygdala and Sex Differences in Functional Dyspepsia. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00046.	1.3	21
40	Patterns of intrinsic brain activity in essential tremor with resting tremor and tremor-dominant Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2020, 14, 2606-2617.	1.1	20
41	Changes in the brain structural connectome after a prospective randomized clinical trial of lithium and quetiapine treatment in youth with bipolar disorder. <i>Neuropsychopharmacology</i> , 2021, 46, 1315-1323.	2.8	20
42	Comparison of the brain development trajectory between Chinese and U.S. children and adolescents. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 249.	1.2	19
43	Connectome-Scale Assessments of Functional Connectivity in Children with Primary Monosymptomatic Nocturnal Enuresis. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	18
44	Altered spontaneous brain activity in essential tremor with and without resting tremor: a resting-state fMRI study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 201-212.	1.1	18
45	Graph Convolutional Networks Reveal Network-Level Functional Dysconnectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 881-892.	2.3	18
46	Patterns of postictal cerebral perfusion in idiopathic generalized epilepsy: a multi-delay multi-parametric arterial spin labelling perfusion MRI study. <i>Scientific Reports</i> , 2016, 6, 28867.	1.6	17
47	Impact of iterative model reconstruction combined with dose reduction on the image quality of head and neck CTA in children. <i>Scientific Reports</i> , 2018, 8, 12613.	1.6	17
48	Large-scale white matter network reorganization in posttraumatic stress disorder. <i>Human Brain Mapping</i> , 2019, 40, 4801-4812.	1.9	17
49	Altered single-subject gray matter structural networks in drug-naïve attention deficit hyperactivity disorder children. <i>Human Brain Mapping</i> , 2022, 43, 1256-1264.	1.9	17
50	Sex differences in intrinsic brain functional connectivity underlying human shyness. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1634-1643.	1.5	16
51	Chemotherapy-induced grey matter abnormalities in cancer survivors: a voxel-wise neuroimaging meta-analysis. <i>Brain Imaging and Behavior</i> , 2021, 15, 2215-2227.	1.1	16
52	Disrupted morphological grey matter networks in early-stage Parkinson's disease. <i>Brain Structure and Function</i> , 2021, 226, 1389-1403.	1.2	16
53	Individualized Prediction of PTSD Symptom Severity in Trauma Survivors From Whole-Brain Resting-State Functional Connectivity. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 563152.	1.0	15
54	Aberrant Gray Matter Networks in Non-comorbid Medication-Naive Patients With Major Depressive Disorder and Those With Social Anxiety Disorder. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 172.	1.0	15

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55	Psychoradiological abnormalities in treatment-naïve noncomorbid patients with posttraumatic stress disorder. <i>Depression and Anxiety</i> , 2022, 39, 83-91.	2.0	15
56	Task positive and default mode networks during a working memory in children with primary monosymptomatic nocturnal enuresis and healthy controls. <i>Pediatric Research</i> , 2015, 78, 422-429.	1.1	14
57	Cerebral mechanism of puncturing at He-Mu point combination for functional dyspepsia: study protocol for a randomized controlled parallel trial. <i>Neural Regeneration Research</i> , 2017, 12, 831.	1.6	14
58	Brain functional network abnormalities in parkinson's disease with mild cognitive impairment. <i>Cerebral Cortex</i> , 2022, 32, 4857-4868.	1.6	14
59	The central mechanism of acupuncture treatment with a long-lasting effect for functional dyspepsia: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 373.	0.7	13
60	Aberrant basal ganglia-thalamo-cortical network topology in juvenile absence epilepsy: A resting-state EEG-fMRI study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 84, 78-83.	0.9	13
61	Disrupted brain gray matter networks in drug-naïve participants with essential tremor. <i>Neuroradiology</i> , 2021, 63, 1501-1510.	1.1	13
62	Brain Gray Matter Abnormalities in First-Episode, Treatment-Naive Children with Obsessive-Compulsive Disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 141.	1.0	12
63	Network-level functional topological changes after mindfulness-based cognitive therapy in mood dysregulated adolescents at familial risk for bipolar disorder: a pilot study. <i>BMC Psychiatry</i> , 2021, 21, 213.	1.1	12
64	Disrupted Functional Network Topology in Children and Adolescents With Post-traumatic Stress Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 709.	1.4	11
65	Brain structural connectome in relation to PRRT2 mutations in paroxysmal kinesigenic dyskinesia. <i>Human Brain Mapping</i> , 2020, 41, 3855-3866.	1.9	11
66	Altered white matter microarchitecture in Parkinson's disease: a voxel-based meta-analysis of diffusion tensor imaging studies. <i>Frontiers of Medicine</i> , 2021, 15, 125-138.	1.5	11
67	Disrupted functional brain network topology in Parkinson's disease patients with freezing of gait. <i>Neuroscience Letters</i> , 2021, 759, 135970.	1.0	10
68	Dynamic gray matter and intrinsic activity changes after epilepsy surgery. <i>Acta Neurologica Scandinavica</i> , 2021, 143, 261-270.	1.0	9
69	Hippocampal subfield alterations in pediatric patients with post-traumatic stress disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 334-344.	1.5	9
70	Disrupted Brain Network Topology in Drug-naïve Essential Tremor Patients with and Without Depression. <i>Clinical Neuroradiology</i> , 2021, 31, 981-992.	1.0	9
71	Using deep learning to classify pediatric posttraumatic stress disorder at the individual level. <i>BMC Psychiatry</i> , 2021, 21, 535.	1.1	9
72	Disruption of the white matter structural network and its correlation with baseline progression rate in patients with sporadic amyotrophic lateral sclerosis. <i>Translational Neurodegeneration</i> , 2021, 10, 35.	3.6	8

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73	Brain network topology and future development of freezing of gait in Parkinson's disease: a longitudinal study. <i>Journal of Neurology</i> , 2022, 269, 2503-2512.	1.8	8
74	Structural and functional reorganization of contralateral hippocampus after temporal lobe epilepsy surgery. <i>NeuroImage: Clinical</i> , 2021, 31, 102714.	1.4	6
75	Combining Deep Learning and Graph-Theoretic Brain Features to Detect Posttraumatic Stress Disorder at the Individual Level. <i>Diagnostics</i> , 2021, 11, 1416.	1.3	6
76	Emotion-Related Network Reorganization Following Fish Oil Supplementation in Depressed Bipolar Offspring: An fMRI Graph-Based Connectome Analysis. <i>Journal of Affective Disorders</i> , 2021, 292, 319-327.	2.0	6
77	Pretreatment Alterations and Acute Medication Treatment Effects on Brain Task-Related Functional Connectivity in Youth With Bipolar Disorder: A Neuroimaging Randomized Clinical Trial. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1023-1033.	0.3	6
78	Divergent Anatomical Correlates and Functional Network Connectivity Patterns in Temporal Lobe Epilepsy with and Without Depression. <i>Brain Topography</i> , 2021, 34, 525-536.	0.8	5
79	Fish oil supplementation alters emotion-generated corticolimbic functional connectivity in depressed adolescents at high-risk for bipolar I disorder: A 12-week placebo-controlled fMRI trial. <i>Bipolar Disorders</i> , 2021, , .	1.1	5
80	Cortical remodeling before and after successful temporal lobe epilepsy surgery. <i>Acta Neurologica Scandinavica</i> , 2022, 146, 144-151.	1.0	5
81	Subcortical cortical functional connectivity as a potential biomarker for identifying patients with functional dyspepsia. <i>Cerebral Cortex</i> , 2022, 32, 3347-3358.	1.6	4
82	A preliminary study of the effects of mindfulness-based cognitive therapy on structural brain networks in mood-dysregulated youth with a familial risk for bipolar disorder. <i>Microbial Biotechnology</i> , 2022, 16, 1011-1019.	0.9	4
83	Pretreatment topological disruptions of whole-brain networks exist in childhood absence epilepsy: A resting-state EEG-fMRI study. <i>Epilepsy Research</i> , 2022, 182, 106909.	0.8	4
84	Brain morphometric features predict medication response in youth with bipolar disorder: a prospective randomized clinical trial. <i>Psychological Medicine</i> , 2023, 53, 4083-4093.	2.7	3
85	Disrupted Brain Functional Network Topology in Essential Tremor Patients With Poor Sleep Quality. <i>Frontiers in Neuroscience</i> , 2022, 16, 814745.	1.4	2
86	Changes in the structural brain connectome over the course of a nonrandomized clinical trial for acute mania. <i>Neuropsychopharmacology</i> , 2022, , .	2.8	2
87	Magnetization transfer imaging alterations and its diagnostic value in antipsychotic-naïve first-episode schizophrenia. <i>Translational Psychiatry</i> , 2022, 12, 189.	2.4	1
88	Topologically Disrupted Gray Matter Networks in Drug-Naïve Essential Tremor Patients With Poor Sleep Quality. <i>Frontiers in Neurology</i> , 2022, 13, 834277.	1.1	0