

# Wei Liao

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

95  
papers

4,336  
citations

34  
h-index

64  
g-index

100  
ext. papers

5,391  
ext. citations

5.4  
avg, IF

5.38  
L-index

#	Paper	IF	Citations
95	Frequency-specific altered global signal topography in drug-naïve first-episode patients with adolescent-onset schizophrenia. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 1876-1885	4.1	3
94	Cortical structural differences in major depressive disorder correlate with cell type-specific transcriptional signatures. <i>Nature Communications</i> , <b>2021</b> , 12, 1647	17.4	21
93	Linked Social-Communication Dimensions and Connectivity in Functional Brain Networks in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 3899-3910	5.1	3
92	Systematically disrupted functional gradient of the cortical connectome in generalized epilepsy: Initial discovery and independent sample replication. <i>NeuroImage</i> , <b>2021</b> , 230, 117831	7.9	4
91	Abnormal white matter functional connectivity density in antipsychotic-naïve adolescents with schizophrenia. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 1025-1032	4.3	0
90	Shared and distinct global signal topography disturbances in subcortical and cortical networks in human epilepsy. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 412-426	5.9	4
89	Temporal variability profiling of the default mode across epilepsy subtypes. <i>Epilepsia</i> , <b>2021</b> , 62, 61-73	6.4	17
88	Cortical patterning of morphometric similarity gradient reveals diverged hierarchical organization in sensory-motor cortices. <i>Cell Reports</i> , <b>2021</b> , 36, 109582	10.6	2
87	Subtyping Schizophrenia Patients Based on Patterns of Structural Brain Alterations. <i>Schizophrenia Bulletin</i> , <b>2021</b> ,	1.3	2
86	Individual-Specific Connectome Fingerprint Based Classification of Temporal Lobe Epilepsy. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 754-761	0.9	
85	Distinct neuroanatomic subtypes in antipsychotic-treated patients with schizophrenia classified by the predefined classification in a never-treated sample. <i>Psychoradiology</i> , <b>2021</b> , 1, 212-224		
84	Transcriptomic and macroscopic architectures of intersubject functional variability in human brain white-matter.. <i>Communications Biology</i> , <b>2021</b> , 4, 1417	6.7	4
83	White-matter functional topology: a neuromarker for classification and prediction in unmedicated depression. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 365	8.6	11
82	Structure-Function Connectomics Reveals Aberrant Developmental Trajectory Occurring at Preadolescence in the Autistic Brain. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 5028-5037	5.1	8
81	A neuromarker of individual general fluid intelligence from the white-matter functional connectome. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 147	8.6	22
80	The Organization of the Human Corpus Callosum Estimated by Intrinsic Functional Connectivity with White-Matter Functional Networks. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 3313-3324	5.1	12
79	A temporal chronnectomic framework: Cigarette smoking preserved the prefrontal dysfunction in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 99, 109860	5.5	1

78	The thalamic functional gradient and its relationship to structural basis and cognitive relevance. <i>NeuroImage</i> , <b>2020</b> , 218, 116960	7.9	13
77	Distinct striatum pathways connected to salience network predict symptoms improvement and resilient functioning in schizophrenia following risperidone monotherapy. <i>Schizophrenia Research</i> , <b>2020</b> , 215, 89-96	3.6	7
76	Disruption of functional connectivity among subcortical arousal system and cortical networks in temporal lobe epilepsy. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 762-771	4.1	12
75	Impaired interactions among white-matter functional networks in antipsychotic-naïve first-episode schizophrenia. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 230-240	5.9	20
74	Glucose disturbances, cognitive deficits and white matter abnormalities in first-episode drug-naïve schizophrenia. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 3220-3230	15.1	13
73	Individual-specific functional connectome biomarkers predict schizophrenia positive symptoms during adolescent brain maturation. <i>Human Brain Mapping</i> , <b>2020</b> , 42, 1475	5.9	3
72	Functional brain networks in never-treated and treated long-term ill schizophrenia patients. <i>Neuropsychopharmacology</i> , <b>2019</b> , 44, 1940-1947	8.7	11
71	Temporal dynamic changes of intrinsic brain activity in schizophrenia with cigarette smoking. <i>Schizophrenia Research</i> , <b>2019</b> , 210, 66-72	3.6	17
70	Endless Fluctuations: Temporal Dynamics of the Amplitude of Low Frequency Fluctuations. <i>IEEE Transactions on Medical Imaging</i> , <b>2019</b> , 38, 2523-2532	11.7	44
69	More than just statics: temporal dynamics of intrinsic brain activity predicts the suicidal ideation in depressed patients. <i>Psychological Medicine</i> , <b>2019</b> , 49, 852-860	6.9	84
68	Dysregulated Maturation of the Functional Connectome in Antipsychotic-Naïve, First-Episode Patients With Adolescent-Onset Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 689-697	1.3	20
67	Abnormal dynamics of functional connectivity density in children with benign epilepsy with centrotemporal spikes. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 985-994	4.1	25
66	A Dissociation in Effects of Risperidone Monotherapy on Functional and Anatomical Connectivity Within the Default Mode Network. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 1309-1318	1.3	15
65	The distinguishing intrinsic brain circuitry in treatment-naïve first-episode schizophrenia: Ensemble learning classification. <i>Neurocomputing</i> , <b>2019</b> , 365, 44-53	5.4	8
64	Exploring the functional connectome in white matter. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 4331-4344	5.9	46
63	Altered dynamic global signal topography in antipsychotic-naïve adolescents with early-onset schizophrenia. <i>Schizophrenia Research</i> , <b>2019</b> , 208, 308-316	3.6	16
62	Preservation Effect: Cigarette Smoking Acts on the Dynamic of Influences Among Unifying Neuropsychiatric Triple Networks in Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 1242-1250	1.3	27
61	Partially impaired functional connectivity states between right anterior insula and default mode network in autism spectrum disorder. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1264-1275	5.9	46

60	Nicotine in action: cigarette smoking modulated homotopic functional connectivity in schizophrenia. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 1612-1623	4.1	7
59	Abnormal Functional Connectivity Density in Post-Stroke Aphasia. <i>Brain Topography</i> , <b>2019</b> , 32, 271-282	4.3	6
58	Multiscale energy reallocation during low-frequency steady-state brain response. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2121-2132	5.9	10
57	Transdiagnostic and diagnosis-specific dynamic functional connectivity anchored in the right anterior insula in major depressive disorder and bipolar depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 85, 7-15	5.5	65
56	Altered White Matter Connectivity Within and Between Networks in Antipsychotic-Naive First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, 409-418	1.3	20
55	Frequency dependent hub role of the dorsal and ventral right anterior insula. <i>NeuroImage</i> , <b>2018</b> , 165, 112-117	7.9	74
54	Altered Structure and Intrinsic Functional Connectivity in Post-stroke Aphasia. <i>Brain Topography</i> , <b>2018</b> , 31, 300-310	4.3	13
53	Aberrant corticostriatal connectivity predict positive symptoms of antipsychotic-naïve patients with adolescent-onset schizophrenia during brain maturation. <i>Schizophrenia Research</i> , <b>2018</b> , 195, 564-566	3.6	2
52	Static and dynamic connectomics differentiate between depressed patients with and without suicidal ideation. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 4105-4118	5.9	64
51	Differential patterns of dynamic functional connectivity variability of striato-cortical circuitry in children with benign epilepsy with centrotemporal spikes. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 1207-1217	5.9	48
50	Beyond the Arcuate Fasciculus: Damage to Ventral and Dorsal Language Pathways in Aphasia. <i>Brain Topography</i> , <b>2017</b> , 30, 249-256	4.3	14
49	Inter-hemispheric Intrinsic Connectivity as a Neuromarker for the Diagnosis of Boys with Tourette Syndrome. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 2781-2789	6.2	20
48	Dynamic aftereffects in supplementary motor network following inhibitory transcranial magnetic stimulation protocols. <i>NeuroImage</i> , <b>2017</b> , 149, 285-294	7.9	34
47	Thalamocortical dysconnectivity in paroxysmal kinesigenic dyskinesia: Combining functional magnetic resonance imaging and diffusion tensor imaging. <i>Movement Disorders</i> , <b>2017</b> , 32, 592-600	7	26
46	Epileptic Discharge Related Functional Connectivity Within and Between Networks in Benign Epilepsy with Centrotemporal Spikes. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1750018	6.2	29
45	Low-frequency blood oxygen level-dependent fluctuations in the brain white matter: more than just noise. <i>Science Bulletin</i> , <b>2017</b> , 62, 656-657	10.6	44
44	Sex differences in associations of arginine vasopressin and oxytocin with resting-state functional brain connectivity. <i>Journal of Neuroscience Research</i> , <b>2017</b> , 95, 576-586	4.4	13
43	Whole-brain functional connectome-based multivariate classification of post-stroke aphasia. <i>Neurocomputing</i> , <b>2017</b> , 269, 199-205	5.4	5

42	Hippocampus-associated causal network of structural covariance measuring structural damage progression in temporal lobe epilepsy. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 753-766	5.9	40
41	Decreased Network Efficiency in Benign Epilepsy with Centrotemporal Spikes. <i>Radiology</i> , <b>2017</b> , 283, 186-194	20.5	43
40	Altered Intrinsic Regional Activity and Interregional Functional Connectivity in Post-stroke Aphasia. <i>Scientific Reports</i> , <b>2016</b> , 6, 24803	4.9	28
39	Globus Pallidus Interna in Tourette Syndrome: Decreased Local Activity and Disrupted Functional Connectivity. <i>Frontiers in Neuroanatomy</i> , <b>2016</b> , 10, 93	3.6	14
38	Frequency-Specific Local Synchronization Changes in Paroxysmal Kinesigenic Dyskinesia. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3293	1.8	7
37	Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. <i>Scientific Reports</i> , <b>2016</b> , 6, 23153	4.9	35
36	Disrupted structural and functional rich club organization of the brain connectome in patients with generalized tonic-clonic seizure. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 4487-4499	5.9	30
35	Pathological uncoupling between amplitude and connectivity of brain fluctuations in epilepsy. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2756-66	5.9	34
34	Altered functional connectivity in the brain default-mode network of earthquake survivors persists after 2 years despite recovery from anxiety symptoms. <i>Social Cognitive and Affective Neuroscience</i> , <b>2015</b> , 10, 1497-505	4	23
33	Intrinsic brain activity as a diagnostic biomarker in children with benign epilepsy with centrotemporal spikes. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 3878-89	5.9	35
32	Connectome Reorganization Associated With Surgical Outcome in Temporal Lobe Epilepsy. <i>Medicine (United States)</i> , <b>2015</b> , 94, e1737	1.8	24
31	Reorganization of Anatomical Connectome Following Electroconvulsive Therapy in Major Depressive Disorder. <i>Neural Plasticity</i> , <b>2015</b> , 2015, 271674	3.3	17
30	Frequency-Specific Alterations of Local Synchronization in Idiopathic Generalized Epilepsy. <i>Medicine (United States)</i> , <b>2015</b> , 94, e1374	1.8	20
29	Local Activity and Causal Connectivity in Children with Benign Epilepsy with Centrotemporal Spikes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134361	3.7	25
28	Analysis of Altered Baseline Brain Activity in Drug-Naive Adult Patients with Social Anxiety Disorder Using Resting-State Functional MRI. <i>Psychiatry Investigation</i> , <b>2015</b> , 12, 372-80	3.1	24
27	DynamicBC: a MATLAB toolbox for dynamic brain connectome analysis. <i>Brain Connectivity</i> , <b>2014</b> , 4, 780-907		120
26	Generalized tonic-clonic seizures: aberrant interhemispheric functional and anatomical connectivity. <i>Radiology</i> , <b>2014</b> , 271, 839-47	20.5	65
25	Abnormal functional connectivity density in psychogenic non-epileptic seizures. <i>Epilepsy Research</i> , <b>2014</b> , 108, 1184-94	3	69

24	Frequency-dependent amplitude alterations of resting-state spontaneous fluctuations in idiopathic generalized epilepsy. <i>Epilepsy Research</i> , <b>2014</b> , 108, 853-60	3	43
23	Altered regional homogeneity in rolandic epilepsy: a resting-state fMRI study. <i>BioMed Research International</i> , <b>2014</b> , 2014, 960395	3	32
22	Brain iron redistribution in mesial temporal lobe epilepsy: a susceptibility-weighted magnetic resonance imaging study. <i>BMC Neuroscience</i> , <b>2014</b> , 15, 117	3.2	14
21	Epileptic discharges specifically affect intrinsic connectivity networks during absence seizures. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 336, 138-45	3.2	26
20	Dynamical intrinsic functional architecture of the brain during absence seizures. <i>Brain Structure and Function</i> , <b>2014</b> , 219, 2001-15	4	82
19	Impaired self-referential processing in mesial temporal lobe epilepsy: a functional MRI study. <i>Neuroscience Letters</i> , <b>2013</b> , 555, 187-92	3.3	5
18	Relationship between large-scale functional and structural covariance networks in idiopathic generalized epilepsy. <i>Brain Connectivity</i> , <b>2013</b> , 3, 240-54	2.7	49
17	Mapping the voxel-wise effective connectome in resting state fMRI. <i>PLoS ONE</i> , <b>2013</b> , 8, e73670	3.7	31
16	Resting state basal ganglia network in idiopathic generalized epilepsy. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 1279-94	5.9	89
15	Small-world directed networks in the human brain: multivariate Granger causality analysis of resting-state fMRI. <i>NeuroImage</i> , <b>2011</b> , 54, 2683-94	7.9	131
14	Altered resting state networks in epileptic patients with generalized tonic-clonic seizures. <i>Brain Research</i> , <b>2011</b> , 1374, 134-41	3.7	81
13	Altered gray matter morphometry and resting-state functional and structural connectivity in social anxiety disorder. <i>Brain Research</i> , <b>2011</b> , 1388, 167-77	3.7	114
12	Altered functional connectivity in default mode network in absence epilepsy: a resting-state fMRI study. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 438-49	5.9	190
11	Default mode network abnormalities in mesial temporal lobe epilepsy: a study combining fMRI and DTI. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 883-95	5.9	229
10	Altered functional-structural coupling of large-scale brain networks in idiopathic generalized epilepsy. <i>Brain</i> , <b>2011</b> , 134, 2912-28	11.2	383
9	Resting-state brain organization revealed by functional covariance networks. <i>PLoS ONE</i> , <b>2011</b> , 6, e28817	3.7	54
8	Altered effective connectivity network of the amygdala in social anxiety disorder: a resting-state fMRI study. <i>PLoS ONE</i> , <b>2010</b> , 5, e15238	3.7	128
7	Hilbert phase entropy imaging of fMRI time series. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2010</b> , 13, 121-33	2.1	1

6	Selective aberrant functional connectivity of resting state networks in social anxiety disorder. <i>NeuroImage</i> , <b>2010</b> , 52, 1549-58	7.9	235
5	Hilbert phase entropy imaging of fMRI time series. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2010</b> , 13, 121-133	2.1	2
4	Altered functional connectivity and small-world in mesial temporal lobe epilepsy. <i>PLoS ONE</i> , <b>2010</b> , 5, e8525	3.7	391
3	Evaluating the effective connectivity of resting state networks using conditional Granger causality. <i>Biological Cybernetics</i> , <b>2010</b> , 102, 57-69	2.8	159
2	fMRI study of mesial temporal lobe epilepsy using amplitude of low-frequency fluctuation analysis. <i>Human Brain Mapping</i> , <b>2010</b> , 31, 1851-61	5.9	145
1	Kernel Granger causality mapping effective connectivity on FMRI data. <i>IEEE Transactions on Medical Imaging</i> , <b>2009</b> , 28, 1825-35	11.7	31