

# Heng Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,066  
citations

230014

27  
h-index

299063

42  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Different functional connectivity optimal frequency in autism compared with healthy controls and the relationship with social communication deficits: Evidence from gene expression and behavior symptom analyses. <i>Human Brain Mapping</i> , 2023, 44, 258-268.	1.9	4
2	Dimensional Analysis of Atypical Functional Connectivity of Major Depression Disorder and Bipolar Disorder. <i>Cerebral Cortex</i> , 2022, 32, 1307-1317.	1.6	5
3	Enduring effect of abuse: Childhood maltreatment links to altered theory of mind network among adults. <i>Human Brain Mapping</i> , 2022, 43, 2276-2288.	1.9	23
4	Zinc complex of 3,5-di-tert-butyl salicylate inhibits viability, migration, and invasion in triple-negative breast cancer cells. <i>Scientific Reports</i> , 2022, 12, 4545.	1.6	2
5	BBPpredict: A Web Service for Identifying Blood-Brain Barrier Penetrating Peptides. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	8
6	Attenuated link between the medial prefrontal cortex and the amygdala in children with autism spectrum disorder: Evidence from effective connectivity within the "social brain". <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110147.	2.5	22
7	Decreased interhemispheric resting-state functional connectivity in male adolescents with conduct disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 1201-1210.	1.1	20
8	Effects of TIP treatment on brain network topology of frontolimbic circuit in first-episode, treatment-naïve major depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 279, 122-130.	2.0	2
9	Parcellation of the thalamus by using a dual-segment method based on resting-state functional connectivity: An application on autism spectrum disorder. <i>Neuroscience Letters</i> , 2021, 742, 135518.	1.0	4
10	Atypical Functional Covariance Connectivity Between Gray and White Matter in Children With Autism Spectrum Disorder. <i>Autism Research</i> , 2021, 14, 464-472.	2.1	14
11	Mapping Progressive Gray Matter Alterations in Early Childhood Autistic Brain. <i>Cerebral Cortex</i> , 2021, 31, 1500-1510.	1.6	16
12	Atypical Resting-State Functional Connectivity of Intra/Inter-Sensory Networks Is Related to Symptom Severity in Young Boys With Autism Spectrum Disorder. <i>Frontiers in Physiology</i> , 2021, 12, 626338.	1.3	7
13	TUPDB: Target-Unrelated Peptide Data Bank. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 426-432.	2.2	2
14	Individual-based morphological brain network organization and its association with autistic symptoms in young children with autism spectrum disorder. <i>Human Brain Mapping</i> , 2021, 42, 3282-3294.	1.9	15
15	Fibroblast Growth Factor 21 Protects Against Atrial Remodeling via Reducing Oxidative Stress. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 720581.	1.1	10
16	Altered inter- and intrahemispheric functional connectivity dynamics in autistic children. <i>Human Brain Mapping</i> , 2020, 41, 419-428.	1.9	54
17	More than just statics: Abnormal dynamic amplitude of low-frequency fluctuation in adolescent patients with pure conduct disorder. <i>Journal of Psychiatric Research</i> , 2020, 131, 60-68.	1.5	15
18	White-matter functional topology: a neuromarker for classification and prediction in unmedicated depression. <i>Translational Psychiatry</i> , 2020, 10, 365.	2.4	31

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19	Structureâ€“Function Connectomics Reveals Aberrant Developmental Trajectory Occurring at Preadolescence in the Autistic Brain. <i>Cerebral Cortex</i> , 2020, 30, 5028-5037.	1.6	20
20	Combined static and dynamic functional connectivity signatures differentiating bipolar depression from major depressive disorder. <i>Australian and New Zealand Journal of Psychiatry</i> , 2020, 54, 832-842.	1.3	30
21	Anomalous intrinsic connectivity within and between visual and auditory networks in major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109889.	2.5	57
22	Static and dynamic alterations in the amplitude of low-frequency fluctuation in patients with amyotrophic lateral sclerosis. <i>PeerJ</i> , 2020, 8, e10052.	0.9	14
23	AGOPredict: A Predictor for Identifying Argonaute Proteins. , 2020, , .		0
24	Atypical White Matter Amplitude of Low Frequency Fluctuation in Autism â€“ A Multivariate Pattern Analysis Study. , 2020, , .		1
25	Dysregulated Maturation of the Functional Connectome in Antipsychotic-Naïve, First-Episode Patients With Adolescent-Onset Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 689-697.	2.3	30
26	Abnormal dynamics of functional connectivity density in children with benign epilepsy with centrotemporal spikes. <i>Brain Imaging and Behavior</i> , 2019, 13, 985-994.	1.1	36
27	Extraversion and Neuroticism Related to Topological Efficiency in White Matter Network: An Exploratory Study Using Diffusion Tensor Imaging Tractography. <i>Brain Topography</i> , 2019, 32, 87-96.	0.8	5
28	SAROTUP: a suite of tools for finding potential target-unrelated peptides from phage display data. <i>International Journal of Biological Sciences</i> , 2019, 15, 1452-1459.	2.6	29
29	Ambient Air Pollution and Daily Hospital Admissions for Respiratory Disease in Children in Guiyang, China. <i>Frontiers in Pediatrics</i> , 2019, 7, 400.	0.9	21
30	PVsiRNAPred: Prediction of plant exclusive virus-derived small interfering RNAs by deep convolutional neural network. <i>Journal of Bioinformatics and Computational Biology</i> , 2019, 17, 1950039.	0.3	8
31	Partially impaired functional connectivity states between right anterior insula and default mode network in autism spectrum disorder. <i>Human Brain Mapping</i> , 2019, 40, 1264-1275.	1.9	65
32	Parsing brain structural heterogeneity in males with autism spectrum disorder reveals distinct clinical subtypes. <i>Human Brain Mapping</i> , 2019, 40, 628-637.	1.9	49
33	PhD7Faster 2.0: predicting clones propagating faster from the Ph.D.-7 phage display library by coupling PseAAC and tripeptide composition. <i>PeerJ</i> , 2019, 7, e7131.	0.9	11
34	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> , 2018, 85, 7-15.	2.5	93
35	Aberrant functional connectivity of neural circuits associated with social and sensorimotor deficits in young children with autism spectrum disorder. <i>Autism Research</i> , 2018, 11, 1643-1652.	2.1	60
36	Dynamic functional connectivity analysis reveals decreased variability of the defaultâ€“mode network in developing autistic brain. <i>Autism Research</i> , 2018, 11, 1479-1493.	2.1	68

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37	Static and dynamic connectomics differentiate between depressed patients with and without suicidal ideation. <i>Human Brain Mapping</i> , 2018, 39, 4105-4118.	1.9	107
38	Differential patterns of dynamic functional connectivity variability of striato-cortical circuitry in children with benign epilepsy with centrotemporal spikes. <i>Human Brain Mapping</i> , 2018, 39, 1207-1217.	1.9	78
39	Extraversion modulates functional connectivity hubs of resting-state brain networks. <i>Journal of Neuropsychology</i> , 2017, 11, 347-361.	0.6	30
40	Predicting brain metastases for non-small cell lung cancer based on magnetic resonance imaging. <i>Clinical and Experimental Metastasis</i> , 2017, 34, 115-124.	1.7	5
41	Atypical developmental trajectory of local spontaneous brain activity in autism spectrum disorder. <i>Scientific Reports</i> , 2017, 7, 39822.	1.6	43
42	Social anxiety disorder exhibit impaired networks involved in self and theory of mind processing. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1284-1295.	1.5	39
43	Shared atypical default mode and salience network functional connectivity between autism and schizophrenia. <i>Autism Research</i> , 2017, 10, 1776-1786.	2.1	60
44	Resting-state functional under-connectivity within and between large-scale cortical networks across three low-frequency bands in adolescents with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 434-441.	2.5	42
45	Intrinsic functional connectivity variance and state-specific under-connectivity in autism. <i>Human Brain Mapping</i> , 2017, 38, 5740-5755.	1.9	103
46	Increased Gray Matter Volume and Resting-State Functional Connectivity in Somatosensory Cortex and their Relationship with Autistic Symptoms in Young Boys with Autism Spectrum Disorder. <i>Frontiers in Physiology</i> , 2017, 8, 588.	1.3	33
47	Diffusion Tensor Imaging Tractography Reveals Disrupted White Matter Structural Connectivity Network in Healthy Adults with Insomnia Symptoms. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 583.	1.0	38
48	Exploring the shared neural basis between the positive and negative syndromes of schizophrenia using multi-task regression under the stability selection frame. , 2016, , .		0
49	Frequency-specific alterations in the fractional amplitude of low-frequency fluctuations in amyotrophic lateral sclerosis. <i>Neurological Sciences</i> , 2016, 37, 1283-1291.	0.9	10
50	Decreased amygdala functional connectivity in adolescents with autism: A resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 257, 47-56.	0.9	47
51	Atypical effective connectivity of thalamo-cortical circuits in autism spectrum disorder. <i>Autism Research</i> , 2016, 9, 1183-1190.	2.1	24
52	Low frequency steady-state brain responses modulate large scale functional networks in a frequency-specific means. <i>Human Brain Mapping</i> , 2016, 37, 381-394.	1.9	21
53	Abnormal Functional Connectivity Density in Post-traumatic Stress Disorder. <i>Brain Topography</i> , 2016, 29, 405-411.	0.8	36
54	Multivariate classification of autism spectrum disorder using frequency-specific resting-state functional connectivity-A multi-center study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 1-9.	2.5	164

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55	Altered cortical hubs in functional brain networks in amyotrophic lateral sclerosis. <i>Neurological Sciences</i> , 2015, 36, 2097-2104.	0.9	12
56	Intranetwork and internetwork functional connectivity alterations in post-traumatic stress disorder. <i>Journal of Affective Disorders</i> , 2015, 187, 114-121.	2.0	62
57	Frequency-dependent alterations in the amplitude of low-frequency fluctuations in social anxiety disorder. <i>Journal of Affective Disorders</i> , 2015, 174, 329-335.	2.0	56
58	Increased cortical thickness and altered functional connectivity of the right superior temporal gyrus in left-handers. <i>Neuropsychologia</i> , 2015, 67, 27-34.	0.7	16
59	Characterization of Post-traumatic Stress Disorder Using Resting-State fMRI with a Multi-level Parametric Classification Approach. <i>Brain Topography</i> , 2015, 28, 221-237.	0.8	105
60	Relationship between Personality and Gray Matter Volume in Healthy Young Adults: A Voxel-Based Morphometric Study. <i>PLoS ONE</i> , 2014, 9, e88763.	1.1	57
61	A New Method for Computing Attention Network Scores and Relationships between Attention Networks. <i>PLoS ONE</i> , 2014, 9, e89733.	1.1	22
62	PDL1Binder: Identifying programmed cell death ligand 1 binding peptides by incorporating next-generation phage display data and different peptide descriptors. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5