

# Yan Niu

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

747  
citations

840119

11  
h-index

610482

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epileptic Seizure Detection Based on EEG Signals and CNN. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 95.	1.3	268
2	Decreased Complexity in Alzheimer's Disease: Resting-State fMRI Evidence of Brain Entropy Mapping. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 378.	1.7	99
3	Complexity Analysis of EEG, MEG, and fMRI in Mild Cognitive Impairment and Alzheimer's Disease: A Review. <i>Entropy</i> , 2020, 22, 239.	1.1	66
4	Epileptic Seizure Prediction Based on Permutation Entropy. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 55.	1.2	57
5	Dynamic Complexity of Spontaneous BOLD Activity in Alzheimer's Disease and Mild Cognitive Impairment Using Multiscale Entropy Analysis. <i>Frontiers in Neuroscience</i> , 2018, 12, 677.	1.4	34
6	Hemisphere and Gender Differences in the Rich-Club Organization of Structural Networks. <i>Cerebral Cortex</i> , 2019, 29, 4889-4901.	1.6	28
7	Increased Functional Brain Network Efficiency During Audiovisual Temporal Asynchrony Integration Task in Aging. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 316.	1.7	26
8	Reduced hemispheric asymmetry of brain anatomical networks in attention deficit hyperactivity disorder. <i>Brain Imaging and Behavior</i> , 2019, 13, 669-684.	1.1	26
9	The Abnormality of Topological Asymmetry in Hemispheric Brain Anatomical Networks in Bipolar Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 618.	1.4	20
10	Epileptic Seizure Detection With Permutation Fuzzy Entropy Using Robust Machine Learning Techniques. <i>IEEE Access</i> , 2019, 7, 182238-182258.	2.6	17
11	Graph-based network analysis of resting-state fMRI: test-retest reliability of binarized and weighted networks. <i>Brain Imaging and Behavior</i> , 2020, 14, 1361-1372.	1.1	16
12	Abnormal Entropy Modulation of the EEG Signal in Patients With Schizophrenia During the Auditory Paired-Stimulus Paradigm. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 4.	1.3	13
13	Altered Complexity of Spontaneous Brain Activity in Schizophrenia and Bipolar Disorder Patients. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 586-595.	1.9	13
14	APOE $\epsilon$ 4 and cognitive reserve effects on the functional network in the Alzheimer's disease spectrum. <i>Brain Imaging and Behavior</i> , 2021, 15, 758-771.	1.1	11
15	Comparing Test-Retest Reliability of Entropy Methods: Complexity Analysis of Resting-State fMRI. <i>IEEE Access</i> , 2020, 8, 124437-124450.	2.6	10
16	Functional Integration and Segregation in a Multilayer Network Model of Patients with Schizophrenia. <i>Brain Sciences</i> , 2022, 12, 368.	1.1	8
17	Integrating the Local Property and Topological Structure in the Minimum Spanning Tree Brain Functional Network for Classification of Early Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2018, 12, 701.	1.4	7
18	Clustering of Brain Function Network Based on Attribute and Structural Information and Its Application in Brain Diseases. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 79.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Trajectories of brain entropy across lifetime estimated by resting state functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2022, 43, 4359-4369.	1.9	5
20	Phosphodiesterase 4D Gene Modifies the Functional Network of Patients With Mild Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Genetics</i> , 2020, 11, 890.	1.1	4
21	Abnormalities in hemispheric lateralization of intra- and inter-hemispheric white matter connections in schizophrenia. <i>Brain Imaging and Behavior</i> , 2021, 15, 819-832.	1.1	4
22	Analysis of functional MRI signal complexity based on permutation fuzzy entropy in bipolar disorder. <i>NeuroReport</i> , 2021, 32, 465-471.	0.6	4
23	Alterations in white matter network dynamics in patients with schizophrenia and bipolar disorder. <i>Human Brain Mapping</i> , 2022, 43, 3909-3922.	1.9	3
24	Differences in neural responses to ipsilateral stimuli in wide-view fields between face- and house-selective areas. <i>PLoS ONE</i> , 2018, 13, e0192532.	1.1	2
25	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	1.6	0