

# Xinyang Feng

## List of Publications by Year in descending order

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21  
papers

754  
citations

1039406

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docs citations

24  
times ranked

777  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Deep Neural Network for Unsupervised Anomaly Detection and Diagnosis in Multivariate Time Series Data. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 1409-1416.	3.6	341
2	Discriminative Localization in CNNs for Weakly-Supervised Segmentation of Pulmonary Nodules. Lecture Notes in Computer Science, 2017, 10435, 568-576.	1.0	78
3	Hippocampal Pathology in Clinical High-Risk Patients and the Onset of Schizophrenia. Biological Psychiatry, 2020, 87, 234-242.	0.7	61
4	Estimating brain age based on a uniform healthy population with deep learning and structural magnetic resonance imaging. Neurobiology of Aging, 2020, 91, 15-25.	1.5	48
5	Alzheimer's vulnerable brain region relies on a distinct retromer core dedicated to endosomal recycling. Cell Reports, 2021, 37, 110182.	2.9	35
6	Insights into the role of diet and dietary flavanols in cognitive aging: results of a randomized controlled trial. Scientific Reports, 2021, 11, 3837.	1.6	30
7	Convolutional Transformer based Dual Discriminator Generative Adversarial Networks for Video Anomaly Detection. , 2021, , .		28
8	Brain regions vulnerable and resistant to aging without Alzheimer's disease. PLoS ONE, 2020, 15, e0234255.	1.1	26
9	A deep learning MRI approach outperforms other biomarkers of prodromal Alzheimer's disease. Alzheimer's Research and Therapy, 2022, 14, 45.	3.0	19
10	Enhanced Effective Connectivity in Mild Occipital Stroke Patients With Hemianopia. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 1210-1217.	2.7	17
11	Alzheimer's disease diagnosis based on anatomically stratified texture analysis of the hippocampus in structural MRI. , 2018, , .		9
12	Depression Is Associated With Preserved Cortical Thickness Relative to Apathy in Frontotemporal Dementia. Journal of Geriatric Psychiatry and Neurology, 2022, 35, 78-88.	1.2	9
13	Texton and sparse representation based texture classification of lung parenchyma in CT images. , 2016, 2016, 1276-1279.		8
14	Characterizing Alzheimer's Disease With Image and Genetic Biomarkers Using Supervised Topic Models. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1180-1187.	3.9	8
15	Amygdalar volume and violent ideation in a sample at clinical high-risk for psychosis. Psychiatry Research - Neuroimaging, 2019, 287, 60-62.	0.9	6
16	Temporal lobe epilepsy lateralization using retrospective cerebral blood volume MRI. NeuroImage: Clinical, 2018, 19, 911-917.	1.4	4
17	Encoding Human Cortex Using Spherical CNNs - A Study on Alzheimer's Disease Classification. , 2020, , .		4
18	Deep learning improves utility of tau PET in the study of Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12264.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Influence of GABAergic pathway on retinal adaptation-related response changes. Journal of Shanghai Jiaotong University (Science), 2014, 19, 592-599.	0.5	1
20	The neurobiology of auditory and visual perceptual abnormalities in a clinical high-risk for psychosis cohort: A pilot morphometric magnetic resonance imaging study. Journal of Psychiatric Research, 2021, 142, 240-242.	1.5	1
21	Deep Learning Identifies Neuroimaging Signatures Of Alzheimer's Disease Using Structural And Synthesized Functional Mri Data. , 2021, , .		0