Jin Liu

List of Publications by Year
in descending order

50 papers	2,119 citations	304743 22 h-index	289244 40 g-index
51 all docs	51 docs citations	51 times ranked	1636 citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of MRI-based brain tumor segmentation methods. Tsinghua Science and Technology, 2014, 19, 578-595.	6.1	252
2	Applications of deep learning to MRI images: A survey. Big Data Mining and Analytics, 2018, 1, 1-18.	8.9	195
3	LDAP: a web server for lncRNA-disease association prediction. Bioinformatics, 2017, 33, 458-460.	4.1	182
4	Classification of autism spectrum disorder by combining brain connectivity and deep neural network classifier. Neurocomputing, 2019, 324, 63-68.	5.9	161
5	Classification of Alzheimer's Disease Using Whole Brain Hierarchical Network. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 624-632.	3.0	142
6	Predicting MicroRNA-Disease Associations Based on Improved MicroRNA and Disease Similarities. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1774-1782.	3.0	116
7	Complex Brain Network Analysis and Its Applications to Brain Disorders: A Survey. Complexity, 2017, 2017, 1-27.	1.6	90
8	Predicting drug–target interaction using positive-unlabeled learning. Neurocomputing, 2016, 206, 50-57.	5.9	83
9	A Fully Automated Multimodal MRI-Based Multi-Task Learning for Glioma Segmentation and IDH Genotyping. IEEE Transactions on Medical Imaging, 2022, 41, 1520-1532.	8.9	62
10	ILDMSF: Inferring Associations Between Long Non-Coding RNA and Disease Based on Multi-Similarity Fusion. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1106-1112.	3.0	57
11	Improving Alzheimer's Disease Classification by Combining Multiple Measures. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1649-1659.	3.0	56
12	Alzheimer's Disease Classification Based on Individual Hierarchical Networks Constructed With 3-D Texture Features. IEEE Transactions on Nanobioscience, 2017, 16, 428-437.	3.3	51
13	Phase prediction of Ni-base superalloys via high-throughput experiments and machine learning. Materials Research Letters, 2021, 9, 32-40.	8.7	49
14	LDICDL: LncRNA-Disease Association Identification Based on Collaborative Deep Learning. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 1715-1723.	3.0	47
15	AIMAFE: Autism spectrum disorder identification with multi-atlas deep feature representation and ensemble learning. Journal of Neuroscience Methods, 2020, 343, 108840.	2.5	44
16	Enhancing the feature representation of multi-modal MRI data by combining multi-view information for MCI classification. Neurocomputing, 2020, 400, 322-332.	5.9	40
17	Inferring LncRNA-disease associations based on graph autoencoder matrix completion. Computational Biology and Chemistry, 2020, 87, 107282.	2.3	40
18	Classification of Schizophrenia Based on Individual Hierarchical Brain Networks Constructed From Structural MRI Images. IEEE Transactions on Nanobioscience, 2017, 16, 600-608.	3.3	38

#	Article	IF	Citations
19	Improved ASD classification using dynamic functional connectivity and multi-task feature selection. Pattern Recognition Letters, 2020, 138, 82-87.	4.2	37
20	MAGE: Automatic diagnosis of autism spectrum disorders using multi-atlas graph convolutional networks and ensemble learning. Neurocomputing, 2022, 469, 346-353.	5.9	30
21	CircR2Cancer: a manually curated database of associations between circRNAs and cancers. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	27
22	Schizophrenia Identification Using Multi-View Graph Measures of Functional Brain Networks. Frontiers in Bioengineering and Biotechnology, 2019, 7, 479.	4.1	27
23	MMM: classification of schizophrenia using multi-modality multi-atlas feature representation and multi-kernel learning. Multimedia Tools and Applications, 2018, 77, 29651-29667.	3.9	23
24	Multimodal Disentangled Variational Autoencoder With Game Theoretic Interpretability for Glioma Grading. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 673-684.	6.3	23
25	Cost-Effectiveness Analysis of Durvalumab Plus Chemotherapy in the First-Line Treatment of Extensive-Stage Small Cell Lung Cancer. Journal of the National Comprehensive Cancer Network: JNCCN, 2021, 19, 1141-1147.	4.9	23
26	MMHGE: detecting mild cognitive impairment based on multi-atlas multi-view hybrid graph convolutional networks and ensemble learning. Cluster Computing, 2021, 24, 103-113.	5.0	22
27	Prediction of Glioma Grade using Intratumoral and Peritumoral Radiomic Features from Multiparametric MRI Images. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, PP, 1-1.	3.0	20
28	A trust evaluation system based on reputation data in Mobile edge computing network. Peer-to-Peer Networking and Applications, 2020, 13, 1744-1755.	3.9	19
29	Identification of early mild cognitive impairment using multi-modal data and graph convolutional networks. BMC Bioinformatics, 2020, 21, 123.	2.6	17
30	Multi-level Glioma Segmentation using 3D U-Net Combined Attention Mechanism with Atrous Convolution. , 2019, , .		16
31	MLDRL: Multi-loss disentangled representation learning for predicting esophageal cancer response to neoadjuvant chemoradiotherapy using longitudinal CT images. Medical Image Analysis, 2022, 79, 102423.	11.6	14
32	IGNSCDA: Predicting CircRNA-Disease Associations Based on Improved Graph Convolutional Network and Negative Sampling. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, PP, 1-1.	3.0	13
33	Hippocampal Segmentation in Brain MRI Images Using Machine Learning Methods: A Survey. Chinese Journal of Electronics, 2021, 30, 793-814.	1.5	13
34	Predicting microRNA-disease associations by integrating multiple biological information. , 2015, , .		12
35	Automated Diagnosis of COVID-19 Using Deep Supervised Autoencoder With Multi-View Features From CT Images. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 2723-2736.	3.0	11
36	ARSC-Net: Adventitious Respiratory Sound Classification Network Using Parallel Paths with Channel-Spatial Attention. , 2021, , .		10

#	Article	IF	Citations
37	Identification of violent patients with schizophrenia using a hybrid machine learning approach at the individual level. Psychiatry Research, 2021, 306, 114294.	3.3	9
38	Identification of Autism spectrum disorder based on a novel feature selection method and Variational Autoencoder. Computers in Biology and Medicine, 2022, 148, 105854.	7.0	9
39	Prediction of Egfr Mutation Status in Lung Adenocarcinoma Using Multi-Source Feature Representations. , 2021, , .		6
40	Identifying Interactions Between Kinases and Substrates Based on Protein–Protein Interaction Network. Journal of Computational Biology, 2019, 26, 836-845.	1.6	5
41	Diagnosis of Alzheimer's Disease Based on the Modified Tresnet. Electronics (Switzerland), 2021, 10, 1908.	3.1	5
42	Prediction of circRNA-miRNA Associations Based on Network Embedding. Complexity, 2021, 2021, 1-10.	1.6	5
43	Inferring gene regulatory network via fusing gene expression image and RNA-seq data. Bioinformatics, 2022, 38, 1716-1723.	4.1	5
44	BEA-SegNet: Body and Edge Aware Network for Medical Image Segmentation. , 2021, , .		3
45	MTFIL-Net: automated Alzheimer's disease detection and MMSE score prediction based on feature interactive learning. , 2021, , .		3
46	DWT-CV: Dense weight transfer-based cross validation strategy for model selection in biomedical data analysis. Future Generation Computer Systems, 2022, 135, 20-29.	7.5	3
47	Mild Cognitive Impairment Identification Based on Multi-View Graph Convolutional Networks. , 2019, , .		2
48	Joint Learning of Primary and Secondary Labels based on Multi-scale Representation for Alzheimer's Disease Diagnosis. , 2020, , .		1
49	Homotopy of resting-state functional connectivity correlates with psychological distress in adolescent and young adult cancer patients. Frontiers in Bioscience, 2021, 26, 1470-1479.	2.1	1
50	Reform and Practice of Open Teaching Mode Based on Innovation Ability Training. , 2021, , .		0