Jin Liu

List of Publications by Year
in descending order

50	2,119	304743	289244
papers	citations	22 h-index	40 g-index

51	51	51	1636
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	MAGE: Automatic diagnosis of autism spectrum disorders using multi-atlas graph convolutional networks and ensemble learning. Neurocomputing, 2022, 469, 346-353.	5.9	30
5	Inferring gene regulatory network via fusing gene expression image and RNA-seq data. Bioinformatics, 2022, 38, 1716-1723.	4.1	5
6	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
7	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
8	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
9	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
10	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
11	Phase prediction of Ni-base superalloys via high-throughput experiments and machine learning. Materials Research Letters, 2021, 9, 32-40.	8.7	49
12	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
13	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
14	Prediction of Egfr Mutation Status in Lung Adenocarcinoma Using Multi-Source Feature Representations. , 2021, , .		6
15	Diagnosis of Alzheimerâ€™s Disease Based on the Modified Tresnet. Electronics (Switzerland), 2021, 10, 1908.	3.1	5
16	Prediction of circRNA-miRNA Associations Based on Network Embedding. Complexity, 2021, 2021, 1-10.	1.6	5
17	Hippocampal Segmentation in Brain MRI Images Using Machine Learning Methods: A Survey. Chinese Journal of Electronics, 2021, 30, 793-814.	1.5	13
18	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

#	Article	IF	Citations
19	Identification of violent patients with schizophrenia using a hybrid machine learning approach at the individual level. Psychiatry Research, 2021, 306, 114294.	3.3	9
20	Reform and Practice of Open Teaching Mode Based on Innovation Ability Training. , 2021, , .		0
21	BEA-SegNet: Body and Edge Aware Network for Medical Image Segmentation. , 2021, , .		3
22	MTFIL-Net: automated Alzheimerâ€™s disease detection and MMSE score prediction based on feature interactive learning. , 2021, , .		3
23	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
24	ARSC-Net: Adventitious Respiratory Sound Classification Network Using Parallel Paths with Channel-Spatial Attention. , 2021, , .		10
25	Improved ASD classification using dynamic functional connectivity and multi-task feature selection. Pattern Recognition Letters, 2020, 138, 82-87.	4.2	37
26	Identification of early mild cognitive impairment using multi-modal data and graph convolutional networks. BMC Bioinformatics, 2020, 21, 123.	2.6	17
27	CircR2Cancer: a manually curated database of associations between circRNAs and cancers. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	27
28	AIMAFE: Autism spectrum disorder identification with multi-atlas deep feature representation and ensemble learning. Journal of Neuroscience Methods, 2020, 343, 108840.	2.5	44
29	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
30	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
31	Inferring LncRNA-disease associations based on graph autoencoder matrix completion. Computational Biology and Chemistry, 2020, 87, 107282.	2.3	40
32	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
33	Joint Learning of Primary and Secondary Labels based on Multi-scale Representation for Alzheimerâ€™s Disease Diagnosis. , 2020, , .		1
34	Classification of autism spectrum disorder by combining brain connectivity and deep neural network classifier. Neurocomputing, 2019, 324, 63-68.	5.9	161
35	Identifying Interactions Between Kinases and Substrates Based on Proteinâ€“Protein Interaction Network. Journal of Computational Biology, 2019, 26, 836-845.	1.6	5
36	Multi-level Glioma Segmentation using 3D U-Net Combined Attention Mechanism with Atrous Convolution. , 2019, , .		16

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37	Mild Cognitive Impairment Identification Based on Multi-View Graph Convolutional Networks. , 2019, , .		2
38	Schizophrenia Identification Using Multi-View Graph Measures of Functional Brain Networks. Frontiers in Bioengineering and Biotechnology, 2019, 7, 479.	4.1	27
39	Applications of deep learning to MRI images: A survey. Big Data Mining and Analytics, 2018, 1, 1-18.	8.9	195
40	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
41	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
42	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
43	Improving Alzheimer's Disease Classification by Combining Multiple Measures. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1649-1659.	3.0	56
44	LDAP: a web server for lncRNA-disease association prediction. Bioinformatics, 2017, 33, 458-460.	4.1	182
45	Alzheimerâ€™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
46	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
47	Complex Brain Network Analysis and Its Applications to Brain Disorders: A Survey. Complexity, 2017, 2017, 1-27.	1.6	90
48	Predicting drugâ€“target interaction using positive-unlabeled learning. Neurocomputing, 2016, 206, 50-57.	5.9	83
49	Predicting microRNA-disease associations by integrating multiple biological information. , 2015, , .		12
50	A survey of MRI-based brain tumor segmentation methods. Tsinghua Science and Technology, 2014, 19, 578-595.	6.1	252