Hui Cui

List of Publications by Year
in descending order

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45	717	759233	580821
papers	citations	12 h-index	25 g-index

46	46	46	648
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integration of pairwise neighbor topologies and miRNA family and cluster attributes for miRNAâ€“disease association prediction. Briefings in Bioinformatics, 2022, 23, .	6.5	6
2	Prediction of drugâ€“disease associations by integrating common topologies of heterogeneous networks and specific topologies of subnets. Briefings in Bioinformatics, 2022, 23, .	6.5	7
3	GVDTI: graph convolutional and variational autoencoders with attribute-level attention for drugâ€“protein interaction prediction. Briefings in Bioinformatics, 2022, 23, .	6.5	12
4	Graph Triple-Attention Network for Disease-Related LncRNA Prediction. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2839-2849.	6.3	14
5	ALDPI: adaptively learning importance of multi-scale topologies and multi-modality similarities for drugâ€“protein interaction prediction. Briefings in Bioinformatics, 2022, 23, .	6.5	5
6	Learning Multi-Scale Heterogeneous Representations and Global Topology for Drug-Target Interaction Prediction. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1891-1902.	6.3	3
7	Learning multi-scale heterogenous network topologies and various pairwise attributes for drugâ€“disease association prediction. Briefings in Bioinformatics, 2022, 23, .	6.5	7
8	Fully connected autoencoder and convolutional neural network with attention-based method for inferring disease-related lncRNAs. Briefings in Bioinformatics, 2022, 23, .	6.5	11
9	Predicting Esophageal Fistula Risks Using a Multimodal Self-attention Network. Lecture Notes in Computer Science, 2021, , 721-730.	1.3	4
10	Co-graph Attention Reasoning Based Imaging and Clinical Features Integration for Lymph Node Metastasis Prediction. Lecture Notes in Computer Science, 2021, , 657-666.	1.3	3
11	Free-form tumor synthesis in computed tomography images via richer generative adversarial network. Knowledge-Based Systems, 2021, 218, 106753.	7.1	27
12	Integrating multi-scale neighbouring topologies and cross-modal similarities for drugâ€“protein interaction prediction. Briefings in Bioinformatics, 2021, 22, .	6.5	12
13	Domain adaptation based self-correction model for COVID-19 infection segmentation in CT images. Expert Systems With Applications, 2021, 176, 114848.	7.6	34
14	COVID-19 lung infection segmentation with a novel two-stage cross-domain transfer learning framework. Medical Image Analysis, 2021, 74, 102205.	11.6	48
15	Attentional multi-level representation encoding based on convolutional and variance autoencoders for lncRNAâ€“disease association prediction. Briefings in Bioinformatics, 2021, 22, .	6.5	38
16	Integrating Clinical Data and Attentional CT Imaging Features for Esophageal Fistula Prediction in Esophageal Cancer. Frontiers in Oncology, 2021, 11, 688706.	2.8	6
17	Biomedical image segmentation for precision radiation oncology. , 2020, , 295-319.		2
18	Cantonese Porcelain Image Generation Using User-Guided Generative Adversarial Networks. IEEE Computer Graphics and Applications, 2020, 40, 100-107.	1.2	3

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19	RA-UNet: A Hybrid Deep Attention-Aware Network to Extract Liver and Tumor in CT Scans. Frontiers in Bioengineering and Biotechnology, 2020, 8, 605132.	4.1	187
20	Collaborative Learning of Cross-channel Clinical Attention for Radiotherapy-Related Esophageal Fistula Prediction from CT. Lecture Notes in Computer Science, 2020, , 212-220.	1.3	5
21	Prediction of esophageal fistula from esophageal cancer CT images using multi-view multi-scale attentional convolutional neural network (MM-Atten-CNN).. Journal of Clinical Oncology, 2020, 38, 4553-4553.	1.6	0
22	Epileptic Seizure Detection with EEG Textural Features and Imbalanced Classification Based on EasyEnsemble Learning. International Journal of Neural Systems, 2019, 29, 1950021.	5.2	57
23	Cantonese porcelain classification and image synthesis by ensemble learning and generative adversarial network. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 1632-1643.	2.6	8
24	HeteroDualNet: A Dual Convolutional Neural Network With Heterogeneous Layers for Drug-Disease Association Prediction via Chouâ€™s Five-Step Rule. Frontiers in Pharmacology, 2019, 10, 1301.	3.5	19
25	A Unified Collaborative Multikernel Fuzzy Clustering for Multiview Data. IEEE Transactions on Fuzzy Systems, 2018, 26, 1671-1687.	9.8	50
26	A topo-graph model for indistinct target boundary definition from anatomical images. Computer Methods and Programs in Biomedicine, 2018, 159, 211-222.	4.7	6
27	Ischemic stroke clinical outcome prediction based on image signature selection from multimodality data. , 2018, 2018, 722-725.		9
28	Thyroid classification via new multi-channel feature association and learning from multi-modality MRI images. , 2018, , .		5
29	Collaborative learning based feature adaption model with applications on MRI prostate boundary delineation. , 2018, , .		0
30	Computational delineation and quantitative heterogeneity analysis of lung tumor on 18F-FDG PET for radiation dose-escalation. Scientific Reports, 2018, 8, 10649.	3.3	10
31	Computational boundary definition by geodesic graph model. , 2017, , .		0
32	Multi-view collaborative segmentation for prostate MRI images. , 2017, 2017, 3529-3532.		1
33	Structure and location preserving topological representation with applications on CT segmentation. , 2017, 2017, 548-551.		0
34	Learning Deep Spatial Lung Features by 3D Convolutional Neural Network for Early Cancer Detection. , 2017, , .		12
35	3D Segmentation of Residual Thyroid Tissue Using Constrained Region Growing and Voting Strategies. , 2017, , .		0
36	Topology-aware illumination design for volume rendering. BMC Bioinformatics, 2016, 17, 309.	2.6	4

#	Article	IF	Citations
37	Learning multi-modality local and global affinities in graph based ranking for automated lung tumor delineation. , 2016, , .		0
38	Primary lung tumor segmentation from PETâ€“CT volumes with spatialâ€“topological constraint. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 19-29.	2.8	15
39	A Novel Recombinant Enterovirus Type EV-A89 with Low Epidemic Strength in Xinjiang, China. Scientific Reports, 2015, 5, 18558.	3.3	19
40	Topology polymorphism graph for lung tumor segmentation in PET-CT images. Physics in Medicine and Biology, 2015, 60, 4893-4914.	3.0	29
41	Lung Tumor Delineation Based on Novel Tumor-Background Likelihood Models in PET-CT Images. IEEE Transactions on Nuclear Science, 2014, 61, 218-224.	2.0	16
42	Topology constraint graph-based model for non-small-cell lung tumor segmentation from PET volumes. , 2014, , .		6
43	Prior knowledge enhanced random walk for lung tumor segmentation from low-contrast CT images. , 2013, 2013, 6071-4.		5
44	Lung tumor segmentation and separation from PET volumes based on Tumor-Customized Downhill. , 2012, , .		1
45	Automated localization and segmentation of lung tumor from PET-CT thorax volumes based on image feature analysis. , 2012, 2012, 5384-7.		8