

# Hui Cui

## List of Publications by Year in descending order

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45  
papers

717  
citations

759233

12  
h-index

580821

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g-index

46  
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46  
docs citations

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times ranked

648  
citing authors

#	ARTICLE	IF	CITATIONS
1	RA-UNet: A Hybrid Deep Attention-Aware Network to Extract Liver and Tumor in CT Scans. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 605132.	4.1	187
2	Epileptic Seizure Detection with EEG Textural Features and Imbalanced Classification Based on EasyEnsemble Learning. <i>International Journal of Neural Systems</i> , 2019, 29, 1950021.	5.2	57
3	A Unified Collaborative Multikernel Fuzzy Clustering for Multiview Data. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 1671-1687.	9.8	50
4	COVID-19 lung infection segmentation with a novel two-stage cross-domain transfer learning framework. <i>Medical Image Analysis</i> , 2021, 74, 102205.	11.6	48
5	Attentional multi-level representation encoding based on convolutional and variance autoencoders for lncRNA-disease association prediction. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	38
6	Domain adaptation based self-correction model for COVID-19 infection segmentation in CT images. <i>Expert Systems With Applications</i> , 2021, 176, 114848.	7.6	34
7	Topology polymorphism graph for lung tumor segmentation in PET-CT images. <i>Physics in Medicine and Biology</i> , 2015, 60, 4893-4914.	3.0	29
8	Free-form tumor synthesis in computed tomography images via richer generative adversarial network. <i>Knowledge-Based Systems</i> , 2021, 218, 106753.	7.1	27
9	A Novel Recombinant Enterovirus Type EV-A89 with Low Epidemic Strength in Xinjiang, China. <i>Scientific Reports</i> , 2015, 5, 18558.	3.3	19
10	HeteroDualNet: A Dual Convolutional Neural Network With Heterogeneous Layers for Drug-Disease Association Prediction via Chou's Five-Step Rule. <i>Frontiers in Pharmacology</i> , 2019, 10, 1301.	3.5	19
11	Lung Tumor Delineation Based on Novel Tumor-Background Likelihood Models in PET-CT Images. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 218-224.	2.0	16
12	Primary lung tumor segmentation from PET-CT volumes with spatial-topological constraint. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 19-29.	2.8	15
13	Graph Triple-Attention Network for Disease-Related lncRNA Prediction. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2839-2849.	6.3	14
14	Learning Deep Spatial Lung Features by 3D Convolutional Neural Network for Early Cancer Detection. , 2017, , .		12
15	Integrating multi-scale neighbouring topologies and cross-modal similarities for drug-protein interaction prediction. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	12
16	GVDTI: graph convolutional and variational autoencoders with attribute-level attention for drug-protein interaction prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	12
17	Fully connected autoencoder and convolutional neural network with attention-based method for inferring disease-related lncRNAs. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	11
18	Computational delineation and quantitative heterogeneity analysis of lung tumor on 18F-FDG PET for radiation dose-escalation. <i>Scientific Reports</i> , 2018, 8, 10649.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Ischemic stroke clinical outcome prediction based on image signature selection from multimodality data. , 2018, 2018, 722-725.		9
20	Automated localization and segmentation of lung tumor from PET-CT thorax volumes based on image feature analysis. , 2012, 2012, 5384-7.		8
21	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
22	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
23	Learning multi-scale heterogenous network topologies and various pairwise attributes for drugâ€“disease association prediction. Briefings in Bioinformatics, 2022, 23, .	6.5	7
24	Topology constraint graph-based model for non-small-cell lung tumor segmentation from PET volumes. , 2014, , .		6
25	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
26	Integration of pairwise neighbor topologies and miRNA family and cluster attributes for miRNAâ€“disease association prediction. Briefings in Bioinformatics, 2022, 23, .	6.5	6
27	Integrating Clinical Data and Attentional CT Imaging Features for Esophageal Fistula Prediction in Esophageal Cancer. Frontiers in Oncology, 2021, 11, 688706.	2.8	6
28	Prior knowledge enhanced random walk for lung tumor segmentation from low-contrast CT images. , 2013, 2013, 6071-4.		5
29	Thyroid classification via new multi-channel feature association and learning from multi-modality MRI images. , 2018, , .		5
30	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
31	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
32	Topology-aware illumination design for volume rendering. BMC Bioinformatics, 2016, 17, 309.	2.6	4
33	Predicting Esophageal Fistula Risks Using a Multimodal Self-attention Network. Lecture Notes in Computer Science, 2021, , 721-730.	1.3	4
34	Cantonese Porcelain Image Generation Using User-Guided Generative Adversarial Networks. IEEE Computer Graphics and Applications, 2020, 40, 100-107.	1.2	3
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Biomedical image segmentation for precision radiation oncology. , 2020, , 295-319.		2
38	Lung tumor segmentation and separation from PET volumes based on Tumor-Customized Downhill. , 2012, , .		1
39	Multi-view collaborative segmentation for prostate MRI images. , 2017, 2017, 3529-3532.		1
40	Learning multi-modality local and global affinities in graph based ranking for automated lung tumor delineation. , 2016, , .		0
41	Computational boundary definition by geodesic graph model. , 2017, , .		0
42	Structure and location preserving topological representation with applications on CT segmentation. , 2017, 2017, 548-551.		0
43	3D Segmentation of Residual Thyroid Tissue Using Constrained Region Growing and Voting Strategies. , 2017, , .		0
44	Collaborative learning based feature adaption model with applications on MRI prostate boundary delineation. , 2018, , .		0
45	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