Yan Xu

List of Publications by Year in descending order

31 papers	2,172 citations	394421 19 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	2909 citing authors

#	Article	IF	Citations
1	Whole brain segmentation with full volume neural network. Computerized Medical Imaging and Graphics, 2021, 93, 101991.	5.8	5
2	Unsupervised 3D End-to-End Medical Image Registration With Volume Tweening Network. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1394-1404.	6.3	158
3	Deep learning in digital pathology image analysis: a survey. Frontiers of Medicine, 2020, 14, 470-487.	3.4	77
4	MRI Cross-Modality Image-to-Image Translation. Scientific Reports, 2020, 10, 3753.	3.3	37
5	ANHIR: Automatic Non-Rigid Histological Image Registration Challenge. IEEE Transactions on Medical Imaging, 2020, 39, 3042-3052.	8.9	75
6	Unsupervised Learning for Cell-Level Visual Representation in Histopathology Images With Generative Adversarial Networks. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1316-1328.	6.3	75
7	Mapping anatomical related entities to human body parts based on wikipedia in discharge summaries. BMC Bioinformatics, 2019, 20, 430.	2.6	2
8	Interrater agreement between American and Chinese sleep centers according to the 2014 AASM standard. Sleep and Breathing, 2019, 23, 719-728.	1.7	21
9	Predicting breast tumor proliferation from whole-slide images: The TUPAC16 challenge. Medical Image Analysis, 2019, 54, 111-121.	11.6	182
10	Wound area measurement with 3D transformation and smartphone images. BMC Bioinformatics, 2019, 20, 724.	2.6	35
11	Sleep stage classification based on multi-level feature learning and recurrent neural networks via wearable device. Computers in Biology and Medicine, 2018, 103, 71-81.	7.0	57
12	Gland Instance Segmentation Using Deep Multichannel Neural Networks. IEEE Transactions on Biomedical Engineering, 2017, 64, 2901-2912.	4.2	114
13	Learning multi-level features for sensor-based human action recognition. Pervasive and Mobile Computing, 2017, 40, 324-338.	3.3	26
14	Constrained Deep Weak Supervision for Histopathology Image Segmentation. IEEE Transactions on Medical Imaging, 2017, 36, 2376-2388.	8.9	156
15	Large scale tissue histopathology image classification, segmentation, and visualization via deep convolutional activation features. BMC Bioinformatics, 2017, 18, 281.	2.6	306
16	Parallel multiple instance learning for extremely large histopathology image analysis. BMC Bioinformatics, 2017, 18, 360.	2.6	17
17	3D-SIFT-Flow for atlas-based CT liver image segmentation. Medical Physics, 2016, 43, 2229-2241.	3.0	20
18	Bilingual term alignment from comparable corpora in English discharge summary and Chinese discharge summary. BMC Bioinformatics, 2015, 16, 149.	2.6	8

#	Article	IF	Citations
19	Deep convolutional activation features for large scale Brain Tumor histopathology image classification and segmentation. , 2015, , .		106
20	A two-layer structure prediction framework for microscopy cell detection. Computerized Medical Imaging and Graphics, 2015, 41, 29-36.	5.8	1
21	Joint segmentation and named entity recognition using dual decomposition in Chinese discharge summaries. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e84-e92.	4.4	57
22	Weakly supervised histopathology cancer image segmentation and classification. Medical Image Analysis, 2014, 18, 591-604.	11.6	217
23	Deep learning of feature representation with multiple instance learning for medical image analysis. , 2014, , .		196
24	Anatomical Entity Recognition with a Hierarchical Framework Augmented by External Resources. PLoS ONE, 2014, 9, e108396.	2.5	10
25	An end-to-end system to identify temporal relation in discharge summaries: 2012 i2b2 challenge. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 849-858.	4.4	57
26	Multi-label classification for colon cancer using histopathological images. Microscopy Research and Technique, 2013, 76, 1266-1277.	2.2	28
27	Colon Cancer Detection Using Whole Slide Histopathological Images. IFMBE Proceedings, 2013, , 1283-1286.	0.3	12
28	Feature engineering combined with machine learning and rule-based methods for structured information extraction from narrative clinical discharge summaries. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 824-832.	4.4	71
29	Multiple clustered instance learning for histopathology cancer image classification, segmentation and clustering. , 2012, , .		14
30	Suicide Note Sentiment Classification: A Supervised Approach Augmented by Web Data. Biomedical Informatics Insights, 2012, 5s1, BII.S8956.	4.6	8
31	Context-Constrained Multiple Instance Learning for Histopathology Image Segmentation. Lecture Notes in Computer Science, 2012, 15, 623-630.	1.3	24