Xipeng Pan

List of Publications by Year
in descending order

26 papers	638 citations	759233 12 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	450 citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate segmentation of nuclei in pathological images via sparse reconstruction and deep convolutional networks. Neurocomputing, 2017, 229, 88-99.	5.9	98
2	Single Image Defogging Based on Multi-Channel Convolutional MSRCR. IEEE Access, 2019, 7, 72492-72504.	4.2	71
3	Underwater Image Enhancement Based on Global and Local Equalization of Histogram and Dual-Image Multi-Scale Fusion. IEEE Access, 2020, 8, 128973-128990.	4.2	67
4	A Survey of Restoration and Enhancement for Underwater Images. IEEE Access, 2019, 7, 182259-182279.	4.2	65
5	Multi-task deep learning for fine-grained classification and grading in breast cancer histopathological images. Multimedia Tools and Applications, 2020, 79, 14509-14528.	3.9	56
6	Dynamic adaptive residual network for liver CT image segmentation. Computers and Electrical Engineering, 2021, 91, 107024.	4.8	56
7	Color correction and adaptive contrast enhancement for underwater image enhancement. Computers and Electrical Engineering, 2021, 91, 106981.	4.8	44
8	Full-Resolution Network and Dual-Threshold Iteration for Retinal Vessel and Coronary Angiograph Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 4623-4634.	6.3	36
9	An Accurate Nuclei Segmentation Algorithm in Pathological Image Based on Deep Semantic Network. IEEE Access, 2019, 7, 110674-110686.	4.2	31
10	Research on plant disease identification based on CNN. Cognitive Robotics, 2022, 2, 155-163.	5.4	19
11	Multi-manufacturer drug identification based on near infrared spectroscopy and deep transfer learning. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	17
12	Three Adaptive Sub-Histograms Equalization Algorithm for Maritime Image Enhancement. IEEE Access, 2020, 8, 147983-147994.	4.2	14
13	A New Region Proposal Network for Far-Infrared Pedestrian Detection. IEEE Access, 2019, 7, 135023-135030.	4.2	11
14	Region- and Pixel-Level Multi-Focus Image Fusion through Convolutional Neural Networks. Mobile Networks and Applications, 2021, 26, 40-56.	3.3	11
15	Identification of Multi-Class Drugs Based on Near Infrared Spectroscopy and Bidirectional Generative Adversarial Networks. Sensors, 2021, 21, 1088.	3.8	9
16	Histopathological Tissue Segmentation of Lung Cancer with Bilinear CNN and Soft Attention. BioMed Research International, 2022, 2022, 1-10.	1.9	8
17	Multi-feature embedded learning SVM for cloud detection in remote sensing images. Computers and Electrical Engineering, 2022, 102, 108177.	4.8	6
18	Supervised Dictionary Learning With Regularization for Near-Infrared Spectroscopy Classification. IEEE Access, 2019, 7, 100923-100932.	4.2	5

#	Article	IF	Citations
19	Single-branch self-supervised learning with hybrid tasks. Computers and Electrical Engineering, 2022, 102, 108168.	4.8	5
20	A Feature Extraction and Classification Method to Forecast the PM2.5 Variation Trend Using Candlestick and Visual Geometry Group Model. Atmosphere, 2021, 12, 570.	2.3	4
21	A Novel Ray-Casting Algorithm Using Dynamic Adaptive Sampling. Wireless Communications and Mobile Computing, 2020, 2020, 1-12.	1.2	2
22	Classification of Imbalanced Near-infrared Spectroscopy Data. , 2020, , .		1
23	On Open-Set, High-Fidelity and Identity-Specific Face Transformation. IEEE Access, 2020, 8, 224643-224653.	4.2	1
24	Multiscale Anchor-Free Region Proposal Network for Pedestrian Detection. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	1
25	Curriculum Self-supervised Learning for Weakly-supervised Histopathological Image Segmentation. , 2021, , .		0
26	Multiscale Attention Aggregation Network for 2D Vessel Segmentation. , 2022, , .		0