Frank Kulwa

List of Publications by Year
in descending order

14	531	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new pairwise deep learning feature for environmental microorganism image analysis. Environmental Science and Pollution Research, 2022, 29, 51909-51926.	5.3	30
2	A Review of Clustering Methods in Microorganism Image Analysis. Advances in Intelligent Systems and Computing, 2021, , 13-25.	0.6	18
3	EMDS-5: Environmental Microorganism image dataset Fifth Version for multiple image analysis tasks. PLoS ONE, 2021, 16, e0250631.	2.5	12
4	Breast Cancer Segmentation Methods: Current Status and Future Potentials. BioMed Research International, 2021, 2021, 1-29.	1.9	46
5	DeepCervix: A deep learning-based framework for the classification of cervical cells using hybrid deep feature fusion techniques. Computers in Biology and Medicine, 2021, 136, 104649.	7.0	107
6	MRFU-Net: A Multiple Receptive Field U-Net for Environmental Microorganism Image Segmentation. Advances in Intelligent Systems and Computing, 2021, , 27-40.	0.6	1
7	Gastric histopathology image segmentation using a hierarchical conditional random field. Biocybernetics and Biomedical Engineering, 2020, 40, 1535-1555.	5.9	35
8	Foldover Features for Dynamic Object Behaviour Description in Microscopic Videos. IEEE Access, 2020, 8, 114519-114540.	4.2	8
9	Identification of COVID-19 samples from chest X-Ray images using deep learning: A comparison of transfer learning approaches. Journal of X-Ray Science and Technology, 2020, 28, 821-839.	1.0	165
10	An Enhanced Framework of Generative Adversarial Networks (EF-GANs) for Environmental Microorganism Image Augmentation With Limited Rotation-Invariant Training Data. IEEE Access, 2020, 8, 187455-187469.	4.2	24
11	A Multiscale CNN-CRF Framework for Environmental Microorganism Image Segmentation. BioMed Research International, 2020, 2020, 1-27.	1.9	15
12	Hierarchical conditional random field model for multiâ€object segmentation in gastric histopathology images. Electronics Letters, 2020, 56, 750-753.	1.0	10
13	A SARS-CoV-2 Microscopic Image Dataset with Ground Truth Images and Visual Features. Lecture Notes in Computer Science, 2020, , 244-255.	1.3	7
14	A State-of-the-Art Survey for Microorganism Image Segmentation Methods and Future Potential. IEEE Access, 2019, 7, 100243-100269.	4.2	53