Ze-Kuan Yu

List of Publications by Year
in descending order

34 papers	519 citations	840776 11 h-index	752698 20 g-index
37 all docs	37 docs citations	37 times ranked	453 citing authors

#	Article	IF	Citations
1	Evolutionary Dual-Ensemble Class Imbalance Learning for Human Activity Recognition. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 728-739.	4.9	22
2	Machine learning algorithm improves accuracy of ortho-K lens fitting in vision shaping treatment. Contact Lens and Anterior Eye, 2022, 45, 101474.	1.7	8
3	GNAS-U^{2}Net: A New Optic Cup and Optic Disc Segmentation Architecture With Genetic Neural Architecture Search. IEEE Signal Processing Letters, 2022, 29, 697-701.	3.6	11
4	Cross-Boosted Multi-Target Domain Adaptation for Multi-Modality Histopathology Image Translation and Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3197-3208.	6.3	7
5	Impaired functional network properties contribute to white matter hyperintensity related cognitive decline in patients with cerebral small vessel disease. BMC Medical Imaging, 2022, 22, 40.	2.7	6
6	A dual evolutionary bagging for class imbalance learning. Expert Systems With Applications, 2022, 206, 117843.	7.6	5
7	Rapid multi-dynamic algorithm for gray image analysis of the stroma percentage on colorectal cancer. Journal of Cancer, 2021, 12, 4561-4573.	2.5	3
8	Deep Learning for Automatic Differential Diagnosis of Primary Central Nervous System Lymphoma and Glioblastoma: Multiâ€Parametric <scp>Magnetic Resonance Imaging</scp> Based Convolutional Neural Network Model. Journal of Magnetic Resonance Imaging, 2021, 54, 880-887.	3.4	35
9	Multiple Lesions Insertion: boosting diabetic retinopathy screening through Poisson editing. Biomedical Optics Express, 2021, 12, 2773.	2.9	3
10	Machine learning based strategy surpasses the traditional method for selecting the first trial Lens parameters for corneal refractive therapy in Chinese adolescents with myopia. Contact Lens and Anterior Eye, 2021, 44, 101330.	1.7	11
11	Coarse-to-fine multiplanar D-SEA UNet for automatic 3D carotid segmentation in CTA images. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1727-1736.	2.8	5
12	Manifold cluster-based evolutionary ensemble imbalance learning. Computers and Industrial Engineering, 2021, 159, 107523.	6.3	10
13	MASG-GAN: A multi-view attention superpixel-guided generative adversarial network for efficient and simultaneous histopathology image segmentation and classification. Neurocomputing, 2021, 463, 275-291.	5.9	11
14	Cross-modality Attention Method for Medical Image Enhancement. Lecture Notes in Computer Science, 2021, , 411-423.	1.3	0
15	Non-local Network Routing for Perceptual Image Super-Resolution. Lecture Notes in Computer Science, 2021, , 164-176.	1.3	1
16	Open Set Face Anti-Spoofing in Unseen Attacks. , 2021, , .		4
17	Cross-Model Transformer Method for Medical Image Synthesis. Complexity, 2021, 2021, 1-7.	1.6	5
18	Exploiting Invariance of Mining Facial Landmarks. , 2021, , .		0

#	Article	IF	Citations
19	Multi-objective evolutionary optimization based on online perceiving Pareto front characteristics. Information Sciences, 2021, 581, 912-931.	6.9	11
20	PML: Progressive Margin Loss for Long-tailed Age Classification. , 2021, , .		32
21	Development and Validation of an Artificial Intelligence-Based Image Classification Method for Pathological Diagnosis in Patients With Extramammary Paget's Disease. Frontiers in Oncology, 2021, 11, 810909.	2.8	4
22	Pneumoconiosis computer aided diagnosis system based on X-rays and deep learning. BMC Medical Imaging, 2021, 21, 189.	2.7	15
23	An Enhanced Residual U-Net for Microaneurysms and Exudates Segmentation in Fundus Images. IEEE Access, 2020, 8, 185514-185525.	4.2	29
24	Normalized wall index, intraplaque hemorrhage and ulceration of carotid plaques correlate with the severity of ischemic stroke. Atherosclerosis, 2020, 315, 138-144.	0.8	10
25	Rapid identification of COVID-19 severity in CT scans through classification of deep features. BioMedical Engineering OnLine, 2020, 19, 63.	2.7	55
26	A machine learning-based algorithm used to estimate the physiological elongation of ocular axial length in myopic children. Eye and Vision (London, England), 2020, 7, 50.	3.0	27
27	A New Deep Neural Architecture Search Pipeline for Face Recognition. IEEE Access, 2020, 8, 91303-91310.	4.2	24
28	Self-guided filter for image denoising. IET Image Processing, 2020, 14, 2561-2566.	2.5	14
29	Retinal image synthesis from multiple-landmarks input with generative adversarial networks. BioMedical Engineering OnLine, 2019, 18, 62.	2.7	59
30	A deep learning based pipeline for optical coherence tomography angiography. Journal of Biophotonics, 2019, 12, e201900008.	2.3	31
31	Microaneurysms segmentation with a U-Net based on recurrent residual convolutional neural network. Journal of Medical Imaging, 2019, 6, 1.	1.5	39
32	Spatial resolution enhancement for pushbroom-based microscopic hyperspectral imaging. Applied Optics, 2019, 58, 850.	1.8	2
33	A super-resolution method-based pipeline for fundus fluorescein angiography imaging. BioMedical Engineering OnLine, 2018, 17, 125.	2.7	11
34	Synthetic Fundus Fluorescein Angiography using Deep Neural Networks. Informatik Aktuell, 2018, , 234-238.	0.6	6