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	Retinal image synthesis from multiple-landmarks input with generative adversarial networks. BioMedical Engineering OnLine, 2019, 18, 62.	2.7	59
2	Rapid identification of COVID-19 severity in CT scans through classification of deep features. BioMedical Engineering OnLine, 2020, 19, 63.	2.7	55
3	Microaneurysms segmentation with a U-Net based on recurrent residual convolutional neural network. Journal of Medical Imaging, 2019, 6, 1.	1.5	39
4	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
5	PML: Progressive Margin Loss for Long-tailed Age Classification. , 2021, , .		32
6	A deep learning based pipeline for optical coherence tomography angiography. Journal of Biophotonics, 2019, 12, e201900008.	2.3	31
7	An Enhanced Residual U-Net for Microaneurysms and Exudates Segmentation in Fundus Images. IEEE Access, 2020, 8, 185514-185525.	4.2	29
8	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
9	A New Deep Neural Architecture Search Pipeline for Face Recognition. IEEE Access, 2020, 8, 91303-91310.	4.2	24
10	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
11	Pneumoconiosis computer aided diagnosis system based on X-rays and deep learning. BMC Medical Imaging, 2021, 21, 189.	2.7	15
12	Selfâ€guided filter for image denoising. IET Image Processing, 2020, 14, 2561-2566.	2.5	14
13	A super-resolution method-based pipeline for fundus fluorescein angiography imaging. BioMedical Engineering OnLine, 2018, 17, 125.	2.7	11
14	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
15	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
16	Multi-objective evolutionary optimization based on online perceiving Pareto front characteristics. Information Sciences, 2021, 581, 912-931.	6.9	11
17	GNAS-U²Net: 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
18	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

#	Article	IF	Citations
19	Manifold cluster-based evolutionary ensemble imbalance learning. Computers and Industrial Engineering, 2021, 159, 107523.	6.3	10
20	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
21	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
22	Synthetic Fundus Fluorescein Angiography using Deep Neural Networks. Informatik Aktuell, 2018, , 234-238.	0.6	6
23	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
24	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
25	Cross-Model Transformer Method for Medical Image Synthesis. Complexity, 2021, 2021, 1-7.	1.6	5
26	A dual evolutionary bagging for class imbalance learning. Expert Systems With Applications, 2022, 206, 117843.	7.6	5
27	Open Set Face Anti-Spoofing in Unseen Attacks. , 2021, , .		4
28	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
29	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
30	Multiple Lesions Insertion: boosting diabetic retinopathy screening through Poisson editing. Biomedical Optics Express, 2021, 12, 2773.	2.9	3
31	Spatial resolution enhancement for pushbroom-based microscopic hyperspectral imaging. Applied Optics, 2019, 58, 850.	1.8	2
32	Non-local Network Routing for Perceptual Image Super-Resolution. Lecture Notes in Computer Science, 2021, , 164-176.	1.3	1
33	Cross-modality Attention Method for Medical Image Enhancement. Lecture Notes in Computer Science, 2021, , 411-423.	1.3	0
34	Exploiting Invariance of Mining Facial Landmarks. , 2021, , .		0