

Muhammad Owais

List of Publications by Year in descending order

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27
papers

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30
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence-Based Solution in Personalized Computer-Aided Arthroscopy of Shoulder Prostheses. Journal of Personalized Medicine, 2022, 12, 109.	2.5	6
2	DMDF-Net: Dual multiscale dilated fusion network for accurate segmentation of lesions related to COVID-19 in lung radiographic scans. Expert Systems With Applications, 2022, 202, 117360.	7.6	9
3	Artificial Intelligence-based computer-aided diagnosis of glaucoma using retinal fundus images. Expert Systems With Applications, 2022, 207, 117968.	7.6	20
4	Artificial Intelligence-Based Recognition of Different Types of Shoulder Implants in X-ray Scans Based on Dense Residual Ensemble-Network for Personalized Medicine. Journal of Personalized Medicine, 2021, 11, 482.	2.5	22
5	Multilevel Deep-Aggregated Boosted Network to Recognize COVID-19 Infection from Large-Scale Heterogeneous Radiographic Data. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1881-1891.	6.3	12
6	Accurate Segmentation of Nuclear Regions with Multi-Organ Histopathology Images Using Artificial Intelligence for Cancer Diagnosis in Personalized Medicine. Journal of Personalized Medicine, 2021, 11, 515.	2.5	17
7	Restoration of Motion Blurred Image by Modified DeblurGAN for Enhancing the Accuracies of Finger-Vein Recognition. Sensors, 2021, 21, 4635.	3.8	13
8	LAE-GAN-Based Face Image Restoration for Low-Light Age Estimation. Mathematics, 2021, 9, 2329.	2.2	2
9	Light-weighted ensemble network with multilevel activation visualization for robust diagnosis of COVID19 pneumonia from large-scale chest radiographic database. Applied Soft Computing Journal, 2021, 108, 107490.	7.2	16
10	Domain-Adaptive Artificial Intelligence-Based Model for Personalized Diagnosis of Trivial Lesions Related to COVID-19 in Chest Computed Tomography Scans. Journal of Personalized Medicine, 2021, 11, 1008.	2.5	8
11	INF-GAN: Generative Adversarial Network for Illumination Normalization of Finger-Vein Images. Mathematics, 2021, 9, 2613.	2.2	3
12	OR-Skip-Net: Outer residual skip network for skin segmentation in non-ideal situations. Expert Systems With Applications, 2020, 141, 112922.	7.6	25
13	SlimDeblurGAN-Based Motion Deblurring and Marker Detection for Autonomous Drone Landing. Sensors, 2020, 20, 3918.	3.8	13
14	Artificial Intelligence-Based Diagnosis of Cardiac and Related Diseases. Journal of Clinical Medicine, 2020, 9, 871.	2.4	34
15	Artificial Intelligence-Based Mitosis Detection in Breast Cancer Histopathology Images Using Faster R-CNN and Deep CNNs. Journal of Clinical Medicine, 2020, 9, 749.	2.4	116
16	Deep Learning-Based Detection of Pigment Signs for Analysis and Diagnosis of Retinitis Pigmentosa. Sensors, 2020, 20, 3454.	3.8	20
17	ESSN: Enhanced Semantic Segmentation Network by Residual Concatenation of Feature Maps. IEEE Access, 2020, 8, 21363-21379.	4.2	6
18	Modified Conditional Generative Adversarial Network-Based Optical Blur Restoration for Finger-Vein Recognition. IEEE Access, 2020, 8, 16281-16301.	4.2	16

#	ARTICLE	IF	CITATIONS
19	Automated Diagnosis of Various Gastrointestinal Lesions Using a Deep Learning-Based Classification and Retrieval Framework With a Large Endoscopic Database: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e18563.	4.3	16
20	Comprehensive Computer-Aided Decision Support Framework to Diagnose Tuberculosis From Chest X-Ray Images: Data Mining Study. JMIR Medical Informatics, 2020, 8, e21790.	2.6	18
21	Artificial Intelligence-Based Classification of Multiple Gastrointestinal Diseases Using Endoscopy Videos for Clinical Diagnosis. Journal of Clinical Medicine, 2019, 8, 986.	2.4	52
22	Aiding the Diagnosis of Diabetic and Hypertensive Retinopathy Using Artificial Intelligence-Based Semantic Segmentation. Journal of Clinical Medicine, 2019, 8, 1446.	2.4	65
23	Effective Diagnosis and Treatment through Content-Based Medical Image Retrieval (CBMIR) by Using Artificial Intelligence. Journal of Clinical Medicine, 2019, 8, 462.	2.4	71
24	FRED-Net: Fully residual encoder-decoder network for accurate iris segmentation. Expert Systems With Applications, 2019, 122, 217-241.	7.6	60
25	Visual saliency based redundancy allocation in HEVC compatible multiple description video coding. Multimedia Tools and Applications, 2018, 77, 20955-20977.	3.9	15
26	IrisDenseNet: Robust Iris Segmentation Using Densely Connected Fully Convolutional Networks in the Images by Visible Light and Near-Infrared Light Camera Sensors. Sensors, 2018, 18, 1501.	3.8	84
27	Artificial Intelligence-based Segmentation of Nuclei in Multi-organ Histopathology Images: Model Development and Validation (Preprint). JMIR Medical Informatics, 0, , .	2.6	0