Tahir Mahmood

List of Publications by Year
in descending order

17 papers	443 citations	12 h-index	16 g-index
		758635	940134
20 all docs	20 docs citations	20 times ranked	333 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.	1.1	6
2	DSRD-Net: Dual-stream residual dense network for semantic segmentation of instruments in robot-assisted surgery. Expert Systems With Applications, 2022, 202, 117420.	4.4	17
3	Artificial Intelligence-Based Tissue Phenotyping in Colorectal Cancer Histopathology Using Visual and Semantic Features Aggregation. Mathematics, 2022, 10, 1909.	1.1	4
4	Artificial Intelligence-based computer-aided diagnosis of glaucoma using retinal fundus images. Expert Systems With Applications, 2022, 207, 117968.	4.4	20
5	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.	1.1	22
6	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.	3.9	12
7	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.	1.1	17
8	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.	4.1	16
9	Artificial Intelligence-Based Diagnosis of Cardiac and Related Diseases. Journal of Clinical Medicine, 2020, 9, 871.	1.0	34
10	Artificial Intelligence-Based Mitosis Detection in Breast Cancer Histopathology Images Using Faster R-CNN and Deep CNNs. Journal of Clinical Medicine, 2020, 9, 749.	1.0	116
11	Deep Learning-Based Detection of Pigment Signs for Analysis and Diagnosis of Retinitis Pigmentosa. Sensors, 2020, 20, 3454.	2.1	20
12	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.	2.1	16
13	Comprehensive Computer-Aided Decision Support Framework to Diagnose Tuberculosis From Chest X-Ray Images: Data Mining Study. JMIR Medical Informatics, 2020, 8, e21790.	1.3	18
14	Artificial Intelligence-Based Classification of Multiple Gastrointestinal Diseases Using Endoscopy Videos for Clinical Diagnosis. Journal of Clinical Medicine, 2019, 8, 986.	1.0	52
15	Aiding the Diagnosis of Diabetic and Hypertensive Retinopathy Using Artificial Intelligence-Based Semantic Segmentation. Journal of Clinical Medicine, 2019, 8, 1446.	1.0	65
16	Mitosis Detection in Breast Cancer Histopathology Images Using Statistical, Color and Shape-Based Features. Journal of Medical Imaging and Health Informatics, 2018, 8, 932-938.	0.2	8
17	Artificial Intelligence-based Segmentation of Nuclei in Multi-organ Histopathology Images: Model Development and Validation (Preprint). JMIR Medical Informatics, 0, , .	1.3	0