

Tahir Mahmood

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

443
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758635

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times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence-Based Mitosis Detection in Breast Cancer Histopathology Images Using Faster R-CNN and Deep CNNs. <i>Journal of Clinical Medicine</i> , 2020, 9, 749.	1.0	116
2	Aiding the Diagnosis of Diabetic and Hypertensive Retinopathy Using Artificial Intelligence-Based Semantic Segmentation. <i>Journal of Clinical Medicine</i> , 2019, 8, 1446.	1.0	65
3	Artificial Intelligence-Based Classification of Multiple Gastrointestinal Diseases Using Endoscopy Videos for Clinical Diagnosis. <i>Journal of Clinical Medicine</i> , 2019, 8, 986.	1.0	52
4	Artificial Intelligence-Based Diagnosis of Cardiac and Related Diseases. <i>Journal of Clinical Medicine</i> , 2020, 9, 871.	1.0	34
5	Artificial Intelligence-Based Recognition of Different Types of Shoulder Implants in X-ray Scans Based on Dense Residual Ensemble-Network for Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2021, 11, 482.	1.1	22
6	Deep Learning-Based Detection of Pigment Signs for Analysis and Diagnosis of Retinitis Pigmentosa. <i>Sensors</i> , 2020, 20, 3454.	2.1	20
7	Artificial Intelligence-based computer-aided diagnosis of glaucoma using retinal fundus images. <i>Expert Systems With Applications</i> , 2022, 207, 117968.	4.4	20
8	Comprehensive Computer-Aided Decision Support Framework to Diagnose Tuberculosis From Chest X-Ray Images: Data Mining Study. <i>JMIR Medical Informatics</i> , 2020, 8, e21790.	1.3	18
9	Accurate Segmentation of Nuclear Regions with Multi-Organ Histopathology Images Using Artificial Intelligence for Cancer Diagnosis in Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2021, 11, 515.	1.1	17
10	DSRD-Net: Dual-stream residual dense network for semantic segmentation of instruments in robot-assisted surgery. <i>Expert Systems With Applications</i> , 2022, 202, 117420.	4.4	17
11	Light-weighted ensemble network with multilevel activation visualization for robust diagnosis of COVID19 pneumonia from large-scale chest radiographic database. <i>Applied Soft Computing Journal</i> , 2021, 108, 107490.	4.1	16
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. <i>Journal of Medical Internet Research</i> , 2020, 22, e18563.	2.1	16
13	Multilevel Deep-Aggregated Boosted Network to Recognize COVID-19 Infection from Large-Scale Heterogeneous Radiographic Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1881-1891.	3.9	12
14	Mitosis Detection in Breast Cancer Histopathology Images Using Statistical, Color and Shape-Based Features. <i>Journal of Medical Imaging and Health Informatics</i> , 2018, 8, 932-938.	0.2	8
15	Artificial Intelligence-Based Solution in Personalized Computer-Aided Arthroscopy of Shoulder Prostheses. <i>Journal of Personalized Medicine</i> , 2022, 12, 109.	1.1	6
16	Artificial Intelligence-Based Tissue Phenotyping in Colorectal Cancer Histopathology Using Visual and Semantic Features Aggregation. <i>Mathematics</i> , 2022, 10, 1909.	1.1	4
17	Artificial Intelligence-based Segmentation of Nuclei in Multi-organ Histopathology Images: Model Development and Validation (Preprint). <i>JMIR Medical Informatics</i> , 0, , .	1.3	0