

Tawsifur Rahman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

882

citations

10

h-index

24

g-index

24

ext. papers

1,824

ext. citations

4.3

avg, IF

4.73

L-index

#	Paper	IF	Citations
22	Deep Learning for Reliable Classification of COVID-19, MERS, and SARS from Chest X-ray Images.. <i>Cognitive Computation</i> , 2022 , 1-21	4.4	5
21	Estimating the Relative Crystallinity of Biodegradable Polylactic Acid and Polyglycolide Polymer Composites by Machine Learning Methodologies.. <i>Polymers</i> , 2022 , 14,	4.5	3
20	COV-ECGNET: COVID-19 detection using ECG trace images with deep convolutional neural network.. <i>Health Information Science and Systems</i> , 2022 , 10, 1	5.1	10
19	QCovSML: A reliable COVID-19 detection system using CBC biomarkers by a stacking machine learning model.. <i>Computers in Biology and Medicine</i> , 2022 , 143, 105284	7	5
18	Thermal Change Index-Based Diabetic Foot Thermogram Image Classification Using Machine Learning Techniques.. <i>Sensors</i> , 2022 , 22,	3.8	2
17	HipXNet: Deep Learning Approaches to Detect Aseptic Loos-ening of Hip Implants using X-Ray Images. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
16	A Novel Machine Learning Approach for Severity Classification of Diabetic Foot Complications Using Thermogram Images. <i>Sensors</i> , 2022 , 22, 4249	3.8	0
15	EDITH : ECG Biometrics Aided by Deep Learning for Reliable Individual Authentication. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 1-13	4.1	5
14	A nomogram-based diabetic sensorimotor polyneuropathy severity prediction using Michigan neuropathy screening instrumentations. <i>Computers in Biology and Medicine</i> , 2021 , 139, 104954	7	1
13	COVID-19 infection localization and severity grading from chest X-ray images. <i>Computers in Biology and Medicine</i> , 2021 , 139, 105002	7	9
12	An Early Warning Tool for Predicting Mortality Risk of COVID-19 Patients Using Machine Learning. <i>Cognitive Computation</i> , 2021 , 1-16	4.4	26
11	Exploring the effect of image enhancement techniques on COVID-19 detection using chest X-ray images. <i>Computers in Biology and Medicine</i> , 2021 , 132, 104319	7	127
10	Detection and Severity Classification of COVID-19 in CT Images Using Deep Learning. <i>Diagnostics</i> , 2021 , 11,	3.8	19
9	Automatic and Reliable Leaf Disease Detection Using Deep Learning Techniques. <i>AgriEngineering</i> , 2021 , 3, 294-312	2.2	19
8	Development and Validation of an Early Scoring System for Prediction of Disease Severity in COVID-19 Using Complete Blood Count Parameters. <i>IEEE Access</i> , 2021 , 9, 120422-120441	3.5	8
7	Mortality Prediction Utilizing Blood Biomarkers to Predict the Severity of COVID-19 Using Machine Learning Technique. <i>Diagnostics</i> , 2021 , 11,	3.8	8
6	A machine learning model for early detection of diabetic foot using thermogram images. <i>Computers in Biology and Medicine</i> , 2021 , 137, 104838	7	15

5	Transfer Learning with Deep Convolutional Neural Network (CNN) for Pneumonia Detection Using Chest X-ray. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3233	2.6	116
4	. <i>IEEE Access</i> , 2020 , 8, 132665-132676	3.5	43 ¹
3	An Intelligent and Low-Cost Eye-Tracking System for Motorized Wheelchair Control. <i>Sensors</i> , 2020 , 20,	3.8	13
2	. <i>IEEE Access</i> , 2020 , 8, 191586-191601	3.5	57
1	Tomato Leaf Diseases Detection Using Deep Learning Technique		2