Sakib Mahmud

List of Publications by Year
in descending order

11 papers	248 citations	1478280 6 h-index	1588896 8 g-index
11 all docs	11 docs citations	11 times ranked	131 citing authors

#	Article	IF	Citations
1	COVID-19 infection localization and severity grading from chest X-ray images. Computers in Biology and Medicine, 2021, 139, 105002.	3.9	85
2	Detection and Severity Classification of COVID-19 in CT Images Using Deep Learning. Diagnostics, 2021, 11, 893.	1.3	78
3	A Shallow U-Net Architecture for Reliably Predicting Blood Pressure (BP) from Photoplethysmogram (PPG) and Electrocardiogram (ECG) Signals. Sensors, 2022, 22, 919.	2.1	30
4	PCovNet: A presymptomatic COVID-19 detection framework using deep learning model using wearables data. Computers in Biology and Medicine, 2022, 147, 105682.	3.9	17
5	QUCoughScope: An Intelligent Application to Detect COVID-19 Patients Using Cough and Breath Sounds. Diagnostics, 2022, 12, 920.	1.3	13
6	An investigation to study the effects of Tai Chi on human gait dynamics using classical machine learning. Computers in Biology and Medicine, 2022, 142, 105184.	3.9	9
7	HipXNet: Deep Learning Approaches to Detect Aseptic Loos-Ening of Hip Implants Using X-Ray Images. IEEE Access, 2022, 10, 53359-53373.	2.6	8
8	COVID-19 vaccine willingness and hesitancy among residents in Qatar: a quantitative analysis based on machine learning. Journal of Human Behavior in the Social Environment, 2022, 32, 899-922.	1.1	6
9	Towards the design and implementation of a human circulatory system for Extracorporeal Membrane Oxygenation simulation. Egyptian Journal of Critical Care Medicine, 2018, 6, 87-89.	0.2	1
10	Preliminary Implementation of the Next Generation Cannulation Simulator. , 2019, , .		1
11	Towards next generation cannulation simulators. Qatar Medical Journal, 2020, 2019, .	0.2	0