

Zaid Bin Mahbub

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,910
citations

1170033

9
h-index

1181555

14
g-index

18
all docs

18
docs citations

18
times ranked

1676
citing authors

#	ARTICLE	IF	CITATIONS
1	Bangla Sign Language (BdSL) Alphabets and Numerals Classification Using a Deep Learning Model. Sensors, 2022, 22, 574.	2.1	26
2	Recent developments in the kinetics of ruptures of giant vesicles under constant tension. RSC Advances, 2021, 11, 29598-29619.	1.7	9
3	A new purification technique to obtain specific size distribution of giant lipid vesicles using dual filtration. PLoS ONE, 2021, 16, e0254930.	1.1	5
4	A Novel Non-Invasive Estimation of Respiration Rate From Motion Corrupted Photoplethysmograph Signal Using Machine Learning Model. IEEE Access, 2021, 9, 96775-96790.	2.6	31
5	Study of molecular transport through a single nanopore in the membrane of a giant unilamellar vesicle using COMSOL simulation. European Biophysics Journal, 2020, 49, 59-69.	1.2	22
6	Can AI Help in Screening Viral and COVID-19 Pneumonia?. IEEE Access, 2020, 8, 132665-132676.	2.6	1,080
7	Reliable Tuberculosis Detection Using Chest X-Ray With Deep Learning, Segmentation and Visualization. IEEE Access, 2020, 8, 191586-191601.	2.6	243
8	Estimating Blood Pressure from the Photoplethysmograph Signal and Demographic Features Using Machine Learning Techniques. Sensors, 2020, 20, 3127.	2.1	134
9	Transfer Learning with Deep Convolutional Neural Network (CNN) for Pneumonia Detection Using Chest X-ray. Applied Sciences (Switzerland), 2020, 10, 3233.	1.3	310
10	Deformation and poration of giant unilamellar vesicles induced by anionic nanoparticles. Chemistry and Physics of Lipids, 2020, 230, 104916.	1.5	18
11	Location of Peptide-Induced Submicron Discontinuities in the Membranes of Vesicles Using ImageJ. Journal of Fluorescence, 2020, 30, 735-740.	1.3	8
12	Nanosensors in biomedical and environmental applications: Perspectives and prospects. , 2020, , 163-186.		7
13	Analysis of Continuous Motor Nerve Conduction Velocity Distribution from Compound Muscle Action Potential. , 2020, , .		0
14	Molecular Dynamics Study in Diffusion Weighted MRI - A computational model approach. , 2020, , .		0
15	Multi-shot Echo Planar Imaging for accelerated Cartesian MR Fingerprinting: An alternative to conventional spiral MR Fingerprinting. Magnetic Resonance Imaging, 2019, 61, 20-32.	1.0	10
16	Presence of timeâ€dependent diffusion in the brachial plexus. Magnetic Resonance in Medicine, 2018, 79, 789-795.	1.9	2
17	Brain tumor identification through microstructure study using MRI. , 2016, , .		1
18	Frequency Domain Analysis to Identify Neurological Disorders from Evoked EMG Responses. Journal of Biological Physics, 2007, 33, 99-108.	0.7	4