

Yashbir Singh

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

97
citations

1684188

5
h-index

1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometrical evaluation of the Scar in Left ventricle using TDA. , 2021, , .		2
2	Utilizing Zebrafish Animal Model as a Helping Hand for COVID-19 Infection. Coronaviruses, 2021, 2, 272-274.	0.3	0
3	An automated method for detecting atrial fat using convolutional neural network. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 1329-1334.	1.8	6
4	Persistent homology approach distinguishes potential pattern between "Early" and "Not Early" hepatic decompensation groups using MRI modalities. Current Directions in Biomedical Engineering, 2021, 7, 488-491.	0.4	4
5	Non-ischemic endocardial scar geometric remodeling toward topological machine learning. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 1029-1035.	1.8	9
6	A low-cost texture-based pipeline for predicting myocardial tissue remodeling and fibrosis using cardiac ultrasound. EBioMedicine, 2020, 54, 102726.	6.1	34
7	An Automated Method for Detecting the Scar Tissue in the Left Ventricular Endocardial Wall Using Deep Learning Approach. Current Medical Imaging, 2020, 16, 206-213.	0.8	7
8	Exploring the Possibilities to Characterize the Soft Tissue Using Acoustic Emission Waveforms. IFMBE Proceedings, 2020, , 9-14.	0.3	1
9	Machine Learning Integration in Cardiac Electrophysiology. Journal of Advanced Research in Dynamical and Control Systems, 2020, 12, 942-944.	0.2	2
10	Functional Annotation and Identification of Putative Drug Target in WV. , 2020, , .		0
11	Identification of Novel Abiotic Stress Proteins in Triticum aestivum Through Functional Annotation of Hypothetical Proteins. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 205-220.	3.6	26
12	Detection of low wall motion and comparison study with scar tissue using 4D left ventricle cardiac images. , 2018, , .		2
13	Cardiac Electrophysiology Studies Based on Image and Machine Learning. Journal of Biomedical Engineering and Technology, 2018, 6, 1-6.	1.0	2
14	Implementing Archimedean Spiral Approach to Evaluate Left Ventricular Myocardial Functions. Journal of Biomedical Engineering and Medical Imaging, 2018, 5, .	0.0	0
15	Development and Evaluation of Neonate Physiological Index at Parental Contact. American Journal of Biomedical Research, 2017, 5, 73-77.	0.2	0
16	Comparative Study of Arterial Compliance Using Invasive and Noninvasive Blood Pressure Waveform. Journal of Biomedical Engineering and Technology, 2017, 5, 25-29.	1.0	0
17	To Estimate Pulmonary Arterial Compliance and Pulse Wave Velocity in Cerebral-Cardiovascular Patients Using CT Cardiac Images. American Journal of Medical and Biological Research, 2017, 5, 23-30.	0.5	0
18	Prediction of lncRNA using Deep Learning Approach. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Radon descriptor-based machine learning using CT images to predict the fat tissue on left atrium in the heart. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 0, , 095441192211106.	1.8	1