

# Yashbir Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5195266/publications.pdf>

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	A low-cost texture-based pipeline for predicting myocardial tissue remodeling and fibrosis using cardiac ultrasound. EBioMedicine, 2020, 54, 102726.	6.1	34
2	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
3	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
4	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
5	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
6	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
7	Detection of low wall motion and comparison study with scar tissue using 4D left ventricle cardiac images. , 2018, , .		2
8	Geometrical evaluation of the Scar in Left ventricle using TDA. , 2021, , .		2
9	Cardiac Electrophysiology Studies Based on Image and Machine Learning. Journal of Biomedical Engineering and Technology, 2018, 6, 1-6.	1.0	2
10	Machine Learning Integration in Cardiac Electrophysiology. Journal of Advanced Research in Dynamical and Control Systems, 2020, 12, 942-944.	0.2	2
11	Prediction of lncRNA using Deep Learning Approach. , 2015, , .		1
12	Exploring the Possibilities to Characterize the Soft Tissue Using Acoustic Emission Waveforms. IFMBE Proceedings, 2020, , 9-14.	0.3	1
13	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
14	Utilizing Zebrafish Animal Model as a Helping Hand for COVID-19 Infection. Coronaviruses, 2021, 2, 272-274.	0.3	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	Implementing Archimedean Spiral Approach to Evaluate Left Ventricular Myocardial Functions. Journal of Biomedical Engineering and Medical Imaging, 2018, 5, .	0.0	0

#	ARTICLE	IF	CITATIONS
19	Functional Annotation and Identification of Putative Drug Target in WV. , 2020, , .		0