Muhammad Adam

List of Publications by Year
in descending order

22 papers	3,826 citations	516215 16 h-index	676716 22 g-index
22 all docs	22 docs citations	22 times ranked	2970 citing authors

#	Article	IF	Citations
1	Deep convolutional neural network for the automated diagnosis of congestive heart failure using ECG signals. Applied Intelligence, 2019, 49, 16-27.	3.3	180
2	Automated characterization of diabetic foot using nonlinear features extracted from thermograms. Infrared Physics and Technology, 2018, 89, 325-337.	1.3	37
3	Automated characterization of cardiovascular diseases using relative wavelet nonlinear features extracted from ECG signals. Computer Methods and Programs in Biomedicine, 2018, 161, 133-143.	2.6	39
4	Application of stacked convolutional and long short-term memory network for accurate identification of CAD ECG signals. Computers in Biology and Medicine, 2018, 94, 19-26.	3.9	280
5	Entropies for automated detection of coronary artery disease using ECG signals: A review. Biocybernetics and Biomedical Engineering, 2018, 38, 373-384.	3.3	77
6	Automated identification of shockable and non-shockable life-threatening ventricular arrhythmias using convolutional neural network. Future Generation Computer Systems, 2018, 79, 952-959.	4.9	209
7	Automated detection of diabetic foot with and without neuropathy using double density-dual tree-complex wavelet transform on foot thermograms. Infrared Physics and Technology, 2018, 92, 270-279.	1.3	22
8	Automated diagnosis of congestive heart failure using dual tree complex wavelet transform and statistical features extracted from 2 s of ECG signals. Computers in Biology and Medicine, 2017, 83, 48-58.	3.9	65
9	Application of deep convolutional neural network for automated detection of myocardial infarction using ECG signals. Information Sciences, 2017, 415-416, 190-198.	4.0	628
10	Automated characterization of coronary artery disease, myocardial infarction, and congestive heart failure using contourlet and shearlet transforms of electrocardiogram signal. Knowledge-Based Systems, 2017, 132, 156-166.	4.0	80
11	Automated detection of coronary artery disease using different durations of ECG segments with convolutional neural network. Knowledge-Based Systems, 2017, 132, 62-71.	4.0	268
12	Automated detection of arrhythmias using different intervals of tachycardia ECG segments with convolutional neural network. Information Sciences, 2017, 405, 81-90.	4.0	522
13	Computer aided diagnosis of diabetic foot using infrared thermography: A review. Computers in Biology and Medicine, 2017, 91, 326-336.	3.9	69
14	SHOCKABLE VERSUS NONSHOCKABLE LIFE-THREATENING VENTRICULAR ARRHYTHMIAS USING DWT AND NONLINEAR FEATURES OF ECG SIGNALS. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740004.	0.3	12
15	THE BIOPHYSICAL PARAMETER MEASUREMENTS FROM PPG SIGNAL. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740005.	0.3	9
16	THE EFFECT OF DIABETES ON CARDIOVASCULAR SYSTEM. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740008.	0.3	2
17	AUTOMATED IDENTIFICATION OF CORONARY ARTERY DISEASE FROM SHORT-TERM 12 LEAD ELECTROCARDIOGRAM SIGNALS BY USING WAVELET PACKET DECOMPOSITION AND COMMON SPATIAL PATTERN TECHNIQUES. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740007.	0.3	11
18	A deep convolutional neural network model to classify heartbeats. Computers in Biology and Medicine, 2017, 89, 389-396.	3.9	928

#	ARTICLE	IF	CITATIONS
19	Automated characterization and classification of coronary artery disease and myocardial infarction by decomposition of ECG signals: A comparative study. Information Sciences, 2017, 377, 17-29.	4.0	186
20	Characterization of Cardiovascular Diseases Using Wavelet Packet Decomposition and Nonlinear Measures of Electrocardiogram Signal. Lecture Notes in Computer Science, 2017, , 259-266.	1.0	7
21	AUTOMATED DIAGNOSIS OF DIABETES USING ENTROPIES AND DIABETIC INDEX. Journal of Mechanics in Medicine and Biology, 2016, 16, 1640008.	0.3	5
22	Automated detection and localization of myocardial infarction using electrocardiogram: a comparative study of different leads. Knowledge-Based Systems, 2016, 99, 146-156.	4.0	190