

Muhammad Adam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11973646/publications.pdf>

Version: 2024-02-01

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	A deep convolutional neural network model to classify heartbeats. Computers in Biology and Medicine, 2017, 89, 389-396.	3.9	928
2	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
3	Automated detection of arrhythmias using different intervals of tachycardia ECG segments with convolutional neural network. Information Sciences, 2017, 405, 81-90.	4.0	522
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	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
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 and localization of myocardial infarction using electrocardiogram: a comparative study of different leads. Knowledge-Based Systems, 2016, 99, 146-156.	4.0	190
8	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
9	Deep convolutional neural network for the automated diagnosis of congestive heart failure using ECG signals. Applied Intelligence, 2019, 49, 16-27.	3.3	180
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	Entropies for automated detection of coronary artery disease using ECG signals: A review. Biocybernetics and Biomedical Engineering, 2018, 38, 373-384.	3.3	77
12	Computer aided diagnosis of diabetic foot using infrared thermography: A review. Computers in Biology and Medicine, 2017, 91, 326-336.	3.9	69
13	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
14	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
15	Automated characterization of diabetic foot using nonlinear features extracted from thermograms. Infrared Physics and Technology, 2018, 89, 325-337.	1.3	37
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	THE BIOPHYSICAL PARAMETER MEASUREMENTS FROM PPG SIGNAL. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740005.	0.3	9
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	THE EFFECT OF DIABETES ON CARDIOVASCULAR SYSTEM. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740008.	0.3	2