

Lakhan Dev Sharma

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

458
citations

759233

12
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferior myocardial infarction detection using stationary wavelet transform and machine learning approach. Signal, Image and Video Processing, 2018, 12, 199-206.	2.7	99
2	A robust QRS detection using novel pre-processing techniques and kurtosis based enhanced efficiency. Measurement: Journal of the International Measurement Confederation, 2016, 87, 194-204.	5.0	61
3	Evolutionary inspired approach for mental stress detection using EEG signal. Expert Systems With Applications, 2022, 197, 116634.	7.6	38
4	Myocardial Infarction Detection and Localization Using Optimal Features Based Lead Specific Approach. Irbm, 2020, 41, 58-70.	5.6	32
5	An improved cardiac arrhythmia classification using an RR interval-based approach. Biocybernetics and Biomedical Engineering, 2021, 41, 656-666.	5.9	31
6	Stationary wavelet transform based technique for automated external defibrillator using optimally selected classifiers. Measurement: Journal of the International Measurement Confederation, 2018, 125, 29-36.	5.0	24
7	A novel and lightweight P, QRS, and T peaks detector using adaptive thresholding and template waveform. Computers in Biology and Medicine, 2021, 132, 104307.	7.0	24
8	Dynamic thresholding based efficient QRS complex detection with low computational overhead. Biomedical Signal Processing and Control, 2021, 67, 102519.	5.7	24
9	A Computerized Approach for Automatic Human Emotion Recognition Using Sliding Mode Singular Spectrum Analysis. IEEE Sensors Journal, 2021, 21, 26931-26940.	4.7	23
10	Novel T-wave Detection Technique with Minimal Processing and RR-Interval Based Enhanced Efficiency. Cardiovascular Engineering and Technology, 2019, 10, 367-379.	1.6	15
11	Mental arithmetic task load recognition using EEG signal and Bayesian optimized K-nearest neighbor. International Journal of Information Technology (Singapore), 2021, 13, 2363-2369.	2.7	15
12	Bundle branch block detection using statistical features of QRS-complex and k-nearest neighbors. , 2017, , .		14
13	Exploratory data analysis based efficient QRS-complex detection technique with minimal computational load. Physical and Engineering Sciences in Medicine, 2020, 43, 1049-1067.	2.4	12
14	Cognitive performance detection using entropy-based features and lead-specific approach. Signal, Image and Video Processing, 2021, 15, 1821-1828.	2.7	12
15	Short duration Vectorcardiogram based inferior myocardial infarction detection: class and subject-oriented approach. Biomedizinische Technik, 2021, 66, 489-501.	0.8	10
16	Effects of Velocity on Performance of DYMO, AODV and DSR Routing Protocols in Mobile Ad-hoc Networks. Procedia Technology, 2012, 4, 727-731.	1.1	7
17	Comparative study of fetal ECG elicitation using adaptive filtering techniques. , 2016, , .		7
18	Detection and delineation of the enigmatic U-wave in an electrocardiogram. International Journal of Information Technology (Singapore), 2021, 13, 2525-2532.	2.7	7

#	ARTICLE	IF	CITATIONS
19	An enhanced T-wave delineation method using phasor transform in the electrocardiogram. Biomedical Physics and Engineering Express, 2021, 7, 045015.	1.2	3
20	Design of Cosine Modulated Non-uniform filter bank using Particle Swarm Optimization. , 2018, , .		0
21	Digitisation of paper-ECG using column wise-median approach. International Journal of Computer Applications in Technology, 2021, 66, 231.	0.5	0