Sandeep Raj

List of Publications by Year in Descending Order

16 papers	382 citations	11 h-index	17 g-index
17 ext. papers	502 ext. citations	3.9 avg, IF	4.7 L-index

#	Paper	IF	Citations
16	An improved time-frequency method for efficient diagnosis of cardiac arrhythmias **2021**, 185-213		
15	An Efficient IoT-Based Platform for Remote Real-Time Cardiac Activity Monitoring. *IEEE Transactions on Consumer Electronics*, **2020**, 66, 106-114	4.8	19
14	3. Cardiac arrhythmia recognition using Stockwell transform and ABC-optimized twin SVM **2020**, 35-52		
13	An Efficient Method for Computer-Aided Diagnosis of Cardiac Arrhythmias. *Learning and Analytics in Intelligent Systems*, **2020**, 295-315	0.3	1
12	Sparse representation of ECG signals for automated recognition of cardiac arrhythmias. *Expert Systems With Applications*, **2018**, 105, 49-64	7.8	70
11	Automated recognition of cardiac arrhythmias using sparse decomposition over composite dictionary. *Computer Methods and Programs in Biomedicine*, **2018**, 165, 175-186	6.9	13
10	Development of robust, fast and efficient QRS complex detector: a methodological review. *Australasian Physical and Engineering Sciences in Medicine*, **2018**, 41, 581-600	1.9	21
9	A Personalized Arrhythmia Monitoring Platform. *Scientific Reports*, **2018**, 8, 11395	4.9	12
8	A Personalized Point-of-Care Platform for Real-Time ECG Monitoring. *IEEE Transactions on Consumer Electronics*, **2018**, 64, 452-460	4.8	11
7	ECG Signal Analysis Using DCT-Based DOST and PSO Optimized SVM. *IEEE Transactions on Instrumentation and Measurement*, **2017**, 66, 470-478	5.2	116
6	Application of variational mode decomposition and ABC optimized DAG-SVM in arrhythmia analysis **2017**,		4
5	Cardiac arrhythmia beat classification using DOST and PSO tuned SVM. *Computer Methods and Programs in Biomedicine*, **2016**, 136, 163-77	6.9	53
4	ARM-based arrhythmia beat monitoring system. *Microprocessors and Microsystems*, **2015**, 39, 504-511	2.4	28
3	A comparative study of multivariate approach with neural networks and support vector machines for arrhythmia classification **2015**,		5
2	Development of Handheld Cardiac Event Monitoring System. *IFAC-PapersOnLine*, **2015**, 48, 71-76	0.7	11
1	A knowledge-based real time embedded platform for arrhythmia beat classification. *Biomedical Engineering Letters*, **2015**, 5, 271-280	3.6	18