

# Sandeep Raj

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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