

# Sandeep Raj

## List of Publications by Year in descending order

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17  
papers

607  
citations

840119

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1199166

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17  
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docs citations

17  
times ranked

585  
citing authors

#	ARTICLE	IF	CITATIONS
1	ECG Signal Analysis Using DCT-Based DOST and PSO Optimized SVM. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 470-478.	2.4	183
2	Sparse representation of ECG signals for automated recognition of cardiac arrhythmias. Expert Systems With Applications, 2018, 105, 49-64.	4.4	100
3	Cardiac arrhythmia beat classification using DOST and PSO tuned SVM. Computer Methods and Programs in Biomedicine, 2016, 136, 163-177.	2.6	87
4	An Efficient IoT-Based Platform for Remote Real-Time Cardiac Activity Monitoring. IEEE Transactions on Consumer Electronics, 2020, 66, 106-114.	3.0	44
5	ARM-based arrhythmia beat monitoring system. Microprocessors and Microsystems, 2015, 39, 504-511.	1.8	39
6	Development of robust, fast and efficient QRS complex detector: a methodological review. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 581-600.	1.4	28
7	A knowledge-based real time embedded platform for arrhythmia beat classification. Biomedical Engineering Letters, 2015, 5, 271-280.	2.1	25
8	A Personalized Arrhythmia Monitoring Platform. Scientific Reports, 2018, 8, 11395.	1.6	24
9	A Personalized Point-of-Care Platform for Real-Time ECG Monitoring. IEEE Transactions on Consumer Electronics, 2018, 64, 452-460.	3.0	23
10	Automated recognition of cardiac arrhythmias using sparse decomposition over composite dictionary. Computer Methods and Programs in Biomedicine, 2018, 165, 175-186.	2.6	20
11	Development of Handheld Cardiac Event Monitoring System. IFAC-PapersOnLine, 2015, 48, 71-76.	0.5	14
12	A comparative study of multivariate approach with neural networks and support vector machines for arrhythmia classification. , 2015, , .		11
13	Application of variational mode decomposition and ABC optimized DAG-SVM in arrhythmia analysis. , 2017, , .		5
14	An Efficient Analysis Scheme for Intelligent ECG Monitoring Devices. , 2020, , .		2
15	An Efficient Method for Computer-Aided Diagnosis of Cardiac Arrhythmias. Learning and Analytics in Intelligent Systems, 2020, , 295-315.	0.5	2
16	3. Cardiac arrhythmia recognition using Stockwell transform and ABC-optimized twin SVM. , 2020, , 35-52.		0
17	An improved time-frequency method for efficient diagnosis of cardiac arrhythmias. , 2021, , 185-213.		0