

Samit Kumar Ghosh

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.

19
papers

160
citations

8
h-index

12
g-index

21
ext. papers

300
ext. citations

3.1
avg, IF

3.8
L-index

#	Paper	IF	Citations
19	Automated detection of heart valve diseases using chirplet transform and multiclass composite classifier with PCG signals. <i>Computers in Biology and Medicine</i> , 2020 , 118, 103632	7	33
18	Automated accurate emotion recognition system using rhythm-specific deep convolutional neural network technique with multi-channel EEG signals. <i>Computers in Biology and Medicine</i> , 2021 , 134, 104428	7	23
17	Automated Detection of Heart Valve Disorders From the PCG Signal Using Time-Frequency Magnitude and Phase Features 2019 , 3, 1-4		21
16	Detection of Atrial Fibrillation from Single Lead ECG Signal Using Multirate Cosine Filter Bank and Deep Neural Network. <i>Journal of Medical Systems</i> , 2020 , 44, 114	5.1	16
15	Development of Automated Sleep Stage Classification System Using Multivariate Projection-Based Fixed Boundary Empirical Wavelet Transform and Entropy Features Extracted from Multichannel EEG Signals. <i>Entropy</i> , 2020 , 22,	2.8	12
14	Automated Classification of Mental Arithmetic Tasks Using Recurrent Neural Network and Entropy Features Obtained from Multi-Channel EEG Signals. <i>Electronics (Switzerland)</i> , 2021 , 10, 1079	2.6	10
13	Sensing performance of energy detector in cognitive radio networks. <i>International Journal of Information Technology (Singapore)</i> , 2019 , 11, 773-778	1.4	8
12	AFCNNet: Automated detection of AF using chirplet transform and deep convolutional bidirectional long short term memory network with ECG signals. <i>Computers in Biology and Medicine</i> , 2021 , 137, 104783	7	8
11	Time-Frequency Domain Deep Learning Framework for the Automated Detection of Heart Valve Disorders using PCG Signals. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2	7
10	Deep Layer Kernel Sparse Representation Network for the Detection of Heart Valve Ailments from the Time-Frequency Representation of PCG Recordings. <i>BioMed Research International</i> , 2020 , 2020, 8843963	3	6
9	Comparative error rate analysis of cooperative spectrum sensing in non-fading and fading environments 2015 ,		5
8	Heart Sound Data Acquisition and Preprocessing Techniques. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 2020 , 244-264	0.3	4
7	Low power high performance carry select adder 2017 ,		2
6	A Novel Algorithm based on Stockwell Transform for Boundary Detection and Segmentation of Heart Sound Components from PCG signal 2019 ,		2
5	Multichannel Multiscale Two-Stage Convolutional Neural Network for the Detection and Localization of Myocardial Infarction Using Vectorcardiogram Signal. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7920	2.6	2
4	Evaluation of Performance Metrics and Denoising of PCG Signal using Wavelet Based Decomposition 2020 ,		1
3	A Transform Domain Approach for the Compression of Fetal Phonocardiogram Signal 2021 , 5, 1-4		0

- 2 Implementation of Children Activity Tracking System Based on Internet of Things. *Advances in Intelligent Systems and Computing*, **2020**, 713-721 0.4
- 1 Optimal Voting Rule and Minimization of Total Error Rate in Cooperative Spectrum Sensing for Cognitive Radio Networks. *Journal of Telecommunications and Information Technology*, **1**, 43-50 0.4