Swanirbhar Majumder

List of Publications by Year
in descending order

67 papers	417 citations	1162367 8 h-index	887659 17 g-index
73 all docs	73 docs citations	73 times ranked	324 citing authors

#	Article	IF	Citations
1	Singular value decomposition and wavelet‐based iris biometric watermarking. IET Biometrics, 2013, 2, 21-27.	1.6	71
2	A NOVEL APPROACH OSA DETECTION USING SINGLE-LEAD ECG SCALOGRAM BASED ON DEEP NEURAL NETWORK. Journal of Mechanics in Medicine and Biology, 2019, 19, 1950026.	0.3	50
3	CLASSIFICATION OF UNSEGMENTED HEART SOUND RECORDING USING KNN CLASSIFIER. Journal of Mechanics in Medicine and Biology, 2019, 19, 1950025.	0.3	41
4	Back propagation artificial neural network (BPANN) based performance analysis of diesel engine using biodiesel. Journal of Renewable and Sustainable Energy, 2011, 3, 013101.	0.8	24
5	A New Steganography Method Using Integer Wavelet Transform and Least Significant Bit Substitution. Computer Journal, 2019, 62, 1639-1655.	1.5	20
6	An adaptive color image steganography method using adjacent pixel value differencing and LSB substitution technique. Cryptologia, 2019, 43, 414-437.	0.4	19
7	Short PCG classification based on deep learning. , 2020, , 141-164.		15
8	Classification of short unsegmented heart sound based on deep learning. , 2019, , .		14
9	Short unsegmented PCG classification based on ensemble classifier. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 875-889.	0.9	13
10	DWT and SVD based image watermarking scheme using noise visibility and contrast sensitivity. , 2011, , .		12
11	A Novel EMD based Watermarking of Fingerprint Biometric Using GEP. Procedia Technology, 2013, 10, 172-183.	1.1	11
12	Digital Image Compression Using Neural Networks. , 2009, , .		9
13	Coded Fingerprinting Based Watermarking to Resist Collusion Attacks and Trace Colluders. , 2010, , .		9
14	Multilingual Speech Corpus in Low-Resource Eastern and Northeastern Indian Languages for Speaker and Language Identification. Circuits, Systems, and Signal Processing, 2021, 40, 4986-5013.	1.2	9
15	SVD and Error Control Coding Based Digital Image Watermarking. , 2009, , .		8
16	Lung Cancer Detection Using Deep Learning Network: A Comparative Analysis. , 2020, , .		7
17	Automated Computer-Aided Lung Cancer Detection System. Lecture Notes in Electrical Engineering, 2019, , 425-433.	0.3	6
18	A deep neural network approach for P300 detection-based BCI using single-channel EEG scalogram images. Physical and Engineering Sciences in Medicine, 2021, 44, 1221-1230.	1.3	6

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19	On the implementation of a information hiding design based on saliency map. , 2011, , .		5
20	Gene expression programming based age estimation using facial features. , 2013, , .		5
21	Artificial Neural Networks and Gene Expression Programing based age estimation using facial features. Journal of King Saud University - Computer and Information Sciences, 2015, 27, 458-467.	2.7	5
22	Acoustic analysis of vowels in five low resource north East Indian languages of Nagaland. , 2017, , .		5
23	A hybrid wavelet and time plane based method for QT interval measurement in ECG signals. Journal of Biomedical Science and Engineering, 2009, 02, 280-286.	0.2	4
24	Estimation of arrhythmia episode using variational mode decomposition technique. , 2015, , .		4
25	Short and noisy electrocardiogram classification based on deep learning. , 2020, , 1-19.		4
26	SVD and Neural Network Based Watermarking Scheme. Communications in Computer and Information Science, 2010, , 1-5.	0.4	4
27	A Comparative Study for Disease Identification from Heart Auscultation using FFT, Cepstrum and DCT Correlation Coefficients. IFMBE Proceedings, 2009, , 754-757.	0.2	2
28	Spread Spectrum Embedding of Colluder Traceable Codeword in Multimedia. , 2011, , .		2
29	Hybrid image watermarking scheme using SVD and PDFB based contourlet transform. , 2011, , .		2
30	Implementation of Jacobi iterative solver in verilog HDL. , 2016, , .		2
31	Multiresolution SVD and pixel-wise masking based image watermarking. , 2016, , .		2
32	Hardware Implementation of Singular Value Decomposition. Journal of the Institution of Engineers (India): Series B, 2016, 97, 227-231.	1.3	2
33	Abnormality analysis of pcg signal using vmd and mlp neural network. , 2017, , .		2
34	Heart Abnormality Classification Using PCG and ECG Recordings. Computacion Y Sistemas, 2021, 25, .	0.2	2
35	Gene Expression Programming. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2017, , 269-292.	0.1	2
36	Performance Evaluation of Language Identification on Emotional Speech Corpus of Three Indian Languages. Advances in Intelligent Systems and Computing, 2021, , 55-63.	0.5	2

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37	Overview and Analysis of Present-Day Diabetic Retinopathy (DR) Detection Techniques. Advances in Healthcare Information Systems and Administration Book Series, 2022, , 52-80.	0.2	2
38	An Improved Unsegmented Phonocardiogram Classification Using Nonlinear Time Scattering Features. Computer Journal, 2023, 66, 1525-1540.	1.5	2
39	A hybrid wavelet and time plane based method for QT interval measurement in ECG signals. , 2008, , .		1
40	A new steganographic method using Contourlet Transform. , 2016, , .		1
41	A spatial domain steganographic approach using pixel pair differencing and LSB substitution. , 2017, , .		1
42	Multiresolution SVD Based Image Watermarking Scheme Using Noise Visibility Function. International Journal of Applied Evolutionary Computation, 2017, 8, 38-48.	0.7	1
43	ECG-Based Biometrics. , 2017, , 35-60.		1
44	PCG-Based Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2018, , 1-25.	0.4	1
45	ECG Data Analysis. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 122-144.	0.2	1
46	A Novel Gene Expression Programming Based ECG Biometric Scheme. , 2015, , .		0
47	A review on hardware implementation of steganography. , 2017, , .		0
48	Computing Mortality for ICU Patients Using Cloud Based Data. Advances in Intelligent Systems and Computing, 2021, , 141-166.	0.5	0
49	A study on sleep stage classification based on a single-channel EEG signal. , 2021, , 135-152.		0
50	Speaker Identification in Spoken Language Mismatch Condition: An Experimental Study. Advances in Intelligent Systems and Computing, 2021, , 77-84.	0.5	0
51	A Novel Design Approach for Beam Bridge Structure Pressure Sensor Base on PZT-5A Piezoelectric. Journal of Engineering Science and Technology Review, 2021, 14, 193-199.	0.2	0
52	Neural networkâ€"based computer-aided lung cancer detection. Research on Biomedical Engineering, 2021, 37, 657-671.	1.5	0
53	Gene Expression Programming. , 2021, , 427-446.		0
54	BPNN and Lifting Wavelet Based Image Compression. Communications in Computer and Information Science, 2010, , 576-579.	0.4	0

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55	Watermarking of Data Using Biometrics. , 2013, , 623-648.		0
56	A Novel SVD and GEP Based Image Watermarking. Advances in Intelligent Systems and Computing, 2014, , 601-608.	0.5	0
57	ANN Based Adaptive Detection of ECG Features from Respiratory, Pleythsmographic and ABP Signals. Advances in Intelligent Systems and Computing, 2015, , 359-365.	0.5	0
58	ECG-Based Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2015, , 337-363.	0.4	0
59	Trends of ECG Analysis and Diagnosis. Advances in Medical Diagnosis, Treatment, and Care, 2016, , 185-210.	0.1	0
60	Biomedical Image Processing and Analysis. Advances in Multimedia and Interactive Technologies Book Series, 2017, , 181-211.	0.1	0
61	Biomedical Image Processing and Analysis. , 2017, , 106-136.		0
62	Steganography Using Biometrics. , 2018, , 4985-5003.		0
63	Steganography Using Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2019, , 326-347.	0.4	0
64	Fingerprint Authentication System for BaaS Protocol. Lecture Notes in Networks and Systems, 2021, , 39-48.	0.5	0
65	An Engineering Approach for Modeling and Design of a Diaphragm Based Comb Drive Capacitive Pressure Sensor. SSRN Electronic Journal, 0, , .	0.4	0
66	A Novel Design and Modeling of Beam Bridge Structure Piezoelectric Pressure Sensor Base on ZnO. SSRN Electronic Journal, 0, , .	0.4	0
67	A Review on Pattern Recognition-Based Retinal Blood Vessels Extraction Technique to Detect Diabetic Retinopathy (DR). Lecture Notes in Networks and Systems, 2022, , 69-80.	0.5	0