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	An Improved Unsegmented Phonocardiogram Classification Using Nonlinear Time Scattering Features. Computer Journal, 2023, 66, 1525-1540.	1.5	2
2	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
3	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
4	Computing Mortality for ICU Patients Using Cloud Based Data. Advances in Intelligent Systems and Computing, 2021, , 141-166.	0.5	0
5	A study on sleep stage classification based on a single-channel EEG signal. , 2021, , 135-152.		0
6	Speaker Identification in Spoken Language Mismatch Condition: An Experimental Study. Advances in Intelligent Systems and Computing, 2021, , 77-84.	0.5	0
7	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
8	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
9	Heart Abnormality Classification Using PCG and ECG Recordings. Computacion Y Sistemas, 2021, 25, .	0.2	2
10	Neural network–based computer-aided lung cancer detection. Research on Biomedical Engineering, 2021, 37, 657-671.	1.5	0
11	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
12	Gene Expression Programming. , 2021, , 427-446.		0
13	Fingerprint Authentication System for BaaS Protocol. Lecture Notes in Networks and Systems, 2021, , 39-48.	0.5	0
14	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
15	Short unsegmented PCG classification based on ensemble classifier. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 875-889.	0.9	13
16	Short and noisy electrocardiogram classification based on deep learning. , 2020, , 1-19.		4
17	Short PCG classification based on deep learning. , 2020, , 141-164.		15
18	Lung Cancer Detection Using Deep Learning Network: A Comparative Analysis. , 2020, , .		7

#	Article	IF	Citations
19	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
20	CLASSIFICATION OF UNSEGMENTED HEART SOUND RECORDING USING KNN CLASSIFIER. Journal of Mechanics in Medicine and Biology, 2019, 19, 1950025.	0.3	41
21	Classification of short unsegmented heart sound based on deep learning. , 2019, , .		14
22	A New Steganography Method Using Integer Wavelet Transform and Least Significant Bit Substitution. Computer Journal, 2019, 62, 1639-1655.	1.5	20
23	An adaptive color image steganography method using adjacent pixel value differencing and LSB substitution technique. Cryptologia, 2019, 43, 414-437.	0.4	19
24	Automated Computer-Aided Lung Cancer Detection System. Lecture Notes in Electrical Engineering, 2019, , 425-433.	0.3	6
25	Steganography Using Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2019, , 326-347.	0.4	0
26	Steganography Using Biometrics. , 2018, , 4985-5003.		0
27	PCG-Based Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2018, , 1-25.	0.4	1
28	A review on hardware implementation of steganography. , 2017, , .		0
29	A spatial domain steganographic approach using pixel pair differencing and LSB substitution. , 2017, , .		1
30	Abnormality analysis of pcg signal using vmd and mlp neural network. , 2017, , .		2
31	Acoustic analysis of vowels in five low resource north East Indian languages of Nagaland. , 2017, , .		5
32	Gene Expression Programming. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2017, , 269-292.	0.1	2
33	Biomedical Image Processing and Analysis. Advances in Multimedia and Interactive Technologies Book Series, 2017, , 181-211.	0.1	0
34	Biomedical Image Processing and Analysis. , 2017, , 106-136.		0
35	Multiresolution SVD Based Image Watermarking Scheme Using Noise Visibility Function. International Journal of Applied Evolutionary Computation, 2017, 8, 38-48.	0.7	1
36	ECG-Based Biometrics. , 2017, , 35-60.		1

#	Article	IF	Citations
37	Implementation of Jacobi iterative solver in verilog HDL. , 2016, , .		2
38	Multiresolution SVD and pixel-wise masking based image watermarking. , 2016, , .		2
39	A new steganographic method using Contourlet Transform. , 2016, , .		1
40	Hardware Implementation of Singular Value Decomposition. Journal of the Institution of Engineers (India): Series B, 2016, 97, 227-231.	1.3	2
41	Trends of ECG Analysis and Diagnosis. Advances in Medical Diagnosis, Treatment, and Care, 2016, , 185-210.	0.1	0
42	A Novel Gene Expression Programming Based ECG Biometric Scheme. , 2015, , .		0
43	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
44	Estimation of arrhythmia episode using variational mode decomposition technique. , 2015, , .		4
45	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
46	ECG-Based Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2015, , 337-363.	0.4	0
47	A Novel SVD and GEP Based Image Watermarking. Advances in Intelligent Systems and Computing, 2014, , 601-608.	0.5	0
48	Singular value decomposition and wavelet–based iris biometric watermarking. IET Biometrics, 2013, 2, 21-27.	1.6	71
49	A Novel EMD based Watermarking of Fingerprint Biometric Using GEP. Procedia Technology, 2013, 10, 172-183.	1.1	11
50	Gene expression programming based age estimation using facial features. , 2013, , .		5
51	Watermarking of Data Using Biometrics. , 2013, , 623-648.		0
52	On the implementation of a information hiding design based on saliency map. , 2011, , .		5
53	Spread Spectrum Embedding of Colluder Traceable Codeword in Multimedia. , 2011, , .		2
54	DWT and SVD based image watermarking scheme using noise visibility and contrast sensitivity. , 2011, , .		12

#	Article	IF	Citations
55	Hybrid image watermarking scheme using SVD and PDFB based contourlet transform. , 2011, , .		2
56	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
57	Coded Fingerprinting Based Watermarking to Resist Collusion Attacks and Trace Colluders. , 2010, , .		9
58	SVD and Neural Network Based Watermarking Scheme. Communications in Computer and Information Science, 2010, , 1-5.	0.4	4
59	BPNN and Lifting Wavelet Based Image Compression. Communications in Computer and Information Science, 2010, , 576-579.	0.4	0
60	A Comparative Study for Disease Identification from Heart Auscultation using FFT, Cepstrum and DCT Correlation Coefficients. IFMBE Proceedings, 2009, , 754-757.	0.2	2
61	Digital Image Compression Using Neural Networks. , 2009, , .		9
62	SVD and Error Control Coding Based Digital Image Watermarking. , 2009, , .		8
63	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
64	A hybrid wavelet and time plane based method for QT interval measurement in ECG signals. , 2008, , .		1
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	ECG Data Analysis. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 122-144.	0.2	1