Samarendra Dandapat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5491115/publications.pdf

Version: 2024-02-01

31	584	687363 13	752698 20
papers	citations	h-index	g-index

31	31	31	509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An ECG Biometric System Using Hierarchical LSTM With Attention Mechanism. IEEE Sensors Journal, 2022, 22, 6052-6061.	4.7	11
2	LSTM based Synthesis of 12-lead ECG Signal from a Reduced Lead Set. , 2022, , .		3
3	Atrial Fibrillation Burden Estimation Using Multi-Task Deep Convolutional Neural Network. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5992-6002.	6.3	8
4	Automated Classification of Retinal OCT Images Using a Deep Multi-Scale Fusion CNN. IEEE Sensors Journal, 2021, 21, 23256-23265.	4.7	6
5	Analyzing the vocal tract characteristics for out-of-breath speech. Journal of the Acoustical Society of America, 2021, 150, 1524-1533.	1.1	3
6	A Diagnostic Information based Framework for Super-Resolution and Quality Assessment of Retinal OCT Images. Computerized Medical Imaging and Graphics, 2021, 94, 101997.	5.8	3
7	Analysis and Classification of Cold Speech Using Variational Mode Decomposition. IEEE Transactions on Affective Computing, 2020, 11, 296-307.	8.3	37
8	A Data-Efficient Approach for Automated Classification of OCT Images Using Generative Adversarial Network. , 2020, 4, 1-4.		26
9	An LSTM-Based Model for Person Identification Using ECG Signal. , 2020, 4, 1-4.		35
10	Multiscale convolutional neural network for detecting paroxysmal atrial fibrillation from single lead ECG signals. , 2020, , .		2
11	Automated Detection of Posterior Myocardial Infarction From VCG Signals Using Stationary Wavelet Transform Based Features. , 2020, 4, 1-4.		18
12	B-Scan Attentive CNN for the Classification of Retinal Optical Coherence Tomography Volumes. IEEE Signal Processing Letters, 2020, 27, 1025-1029.	3.6	26
13	Myocardial Infarction Severity Stages Classification From ECG Signals Using Attentional Recurrent Neural Network. IEEE Sensors Journal, 2020, 20, 8711-8720.	4.7	36
14	Unsupervised Super-Resolution of OCT Images Using Generative Adversarial Network for Improved Age-Related Macular Degeneration Diagnosis. IEEE Sensors Journal, 2020, 20, 8746-8756.	4.7	31
15	Attentive RNN-Based Network to Fuse 12-Lead ECG and Clinical Features for Improved Myocardial Infarction Diagnosis. IEEE Signal Processing Letters, 2020, 27, 2029-2033.	3.6	15
16	Person Identification using Spatial Variation of Cardiac Signal. , 2020, , .		3
17	Multi-scale deep feature fusion for automated classification of macular pathologies from OCT images. Biomedical Signal Processing and Control, 2019, 54, 101605.	5.7	72
18	A novel diagnostic information based framework for super-resolution of retinal fundus images. Computerized Medical Imaging and Graphics, 2019, 72, 22-33.	5.8	19

#	Article	IF	Citations
19	Emotion Classification Using Segmentation of Vowel-Like and Non-Vowel-Like Regions. IEEE Transactions on Affective Computing, 2019, 10, 360-373.	8.3	32
20	Multiscale Amplitude Feature and Significance of Enhanced Vocal Tract Information for Emotion Classification. IEEE Transactions on Cybernetics, 2019, 49, 802-815.	9.5	38
21	Automatic Quality Estimation of 12-lead ECG for Remote Healthcare Monitoring Systems. , 2018, , .		6
22	Diagnostic Information based Super-Resolution of Retinal Optical Coherence Tomography Images. , 2018, , .		2
23	A Novel Feature for Nasalised Vowels and Characteristic Analysis of Nasal Filter. , 2018, , .		1
24	Automated detection of heart ailments from 12â€lead ECG using complex wavelet subâ€band biâ€spectrum features. Healthcare Technology Letters, 2017, 4, 57-63.	3.3	21
25	Block sparsityâ€based joint compressed sensing recovery of multiâ€channel ECG signals. Healthcare Technology Letters, 2017, 4, 50-56.	3.3	23
26	Analysis of physiological signals using state space correlation entropy. Healthcare Technology Letters, 2017, 4, 30-33.	3.3	24
27	Emotion Classification using Dual-Tree Complex Wavelet Transform. , 2017, , .		2
28	An effective fovea detection and automatic assessment of diabetic maculopathy in color fundus images. Computers in Biology and Medicine, 2016, 74, 30-44.	7.0	41
29	Exploiting multiâ€lead electrocardiogram correlations using robust thirdâ€order tensor decomposition. Healthcare Technology Letters, 2015, 2, 112-117.	3.3	13
30	Detection of changes in color fundus images due to diabetic retinopathy. , 2012, , .		4
31	Differential entropy in wavelet subâ€band for assessment of glaucoma. International Journal of Imaging Systems and Technology, 2012, 22, 161-165.	4.1	23