Jilbab Abdelilah

List of Publications by Year
in descending order

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38 papers	591 citations	840776 11 h-index	713466 21 g-index
38 all docs	38 docs citations	38 times ranked	455 citing authors

#	Article	IF	Citations
1	Impact of the Choice of Cross-Validation Techniques on the Results of Machine Learning-Based Diagnostic Applications. Healthcare Informatics Research, 2021, 27, 189-199.	1.9	44
2	Wearable Wireless Sensors Network for ECG Telemonitoring Using Neural Network for Features Extraction. Wireless Personal Communications, 2020, 111, 1955-1976.	2.7	18
3	Recognition of cardiac abnormalities from synchronized ECG and PCG signals. Physical and Engineering Sciences in Medicine, 2020, 43, 673-677.	2.4	13
4	Heart disease classification using data mining tools and machine learning techniques. Health and Technology, 2020, 10, 1137-1144.	3.6	77
5	Efficient Forest Fire Detection System Based on Data Fusion Applied in Wireless Sensor Networks. International Journal on Electrical Engineering and Informatics, 2020, 12, 1-18.	0.5	10
6	Analysis of Smartphone Recordings in Time, Frequency, and Cepstral Domains to Classify Parkinsonâ€™s Disease. Healthcare Informatics Research, 2020, 26, 274-283.	1.9	12
7	Heart Sounds Classification for a Medical Diagnostic Assistance. International Journal of Online and Biomedical Engineering, 2019, 15, 88.	1.4	3
8	IoT-based knee rehabilitation system for inclusive smart city. , 2019, , .		4
9	Voice signal processing for detecting possible early signs of Parkinsonâ€™s disease in patients with rapid eye movement sleep behavior disorder. International Journal of Speech Technology, 2019, 22, 121-129.	2.2	7
10	Phonocardiogram signals processing approach for PASCAL Classifying Heart Sounds Challenge. Signal, Image and Video Processing, 2018, 12, 1149-1155.	2.7	23
11	Multiclass classification of Parkinsonâ€™s disease using cepstral analysis. International Journal of Speech Technology, 2018, 21, 39-49.	2.2	13
12	Real time positioning over WSN and RFID network integration. , 2018, , .		6
13	Voice Assessments for Detecting Patients with Parkinsonâ€™s Diseases in Different Stages. International Journal of Electrical and Computer Engineering, 2018, 8, 4265.	0.7	2
14	Quantification system of Parkinsonâ€™s disease. International Journal of Speech Technology, 2017, 20, 143-150.	2.2	10
15	Multiclass classification of Parkinsonâ€™s disease using different classifiers and LLBFS feature selection algorithm. International Journal of Speech Technology, 2017, 20, 179-184.	2.2	23
16	Detecting multiple system atrophy, Parkinson and other neurological disorders using voice analysis. International Journal of Speech Technology, 2017, 20, 281-288.	2.2	6
17	Voice assessments for detecting patients with neurological diseases using PCA and NPCA. International Journal of Speech Technology, 2017, 20, 673-683.	2.2	10
18	Phonocardiogram signals classification into normal heart sounds and heart murmur sounds. , 2016, , .		7

#	Article	IF	Citations
19	Voice assessments for detecting patients with Parkinsonâ€™s diseases using PCA and NPCA. International Journal of Speech Technology, 2016, 19, 743-754.	2.2	26
20	Detection model based on multi-sensor data for early fire prevention. , 2016, , .		3
21	Using RASTA-PLP for discriminating between different Neurological diseases. , 2016, , .		6
22	Detection and identification algorithm of the S1 and S2 heart sounds. , 2016, , .		10
23	A new approach to DWT design for real time de-noising of vibration signatures related to the induction machine defects. , 2016, , .		2
24	Analysis of multiple types of voice recordings in cepstral domain using MFCC for discriminating between patients with Parkinsonâ€™s disease and healthy people. International Journal of Speech Technology, 2016, 19, 449-456.	2.2	56
25	Discriminating Between Patients With Parkinsonâ€™s and Neurological Diseases Using Cepstral Analysis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 1100-1108.	4.9	76
26	Voice analysis for detecting patients with Parkinsonâ€™s disease using the hybridization of the best acoustic features. International Journal on Electrical Engineering and Informatics, 2016, 8, 108-116.	0.5	7
27	PPM Translation, Rotation and Scale in D-Dimensional Space by the Discrete to Continuous Approach. International Review on Computers and Software, 2016, 11, 270.	0.1	8
28	FPGA Design and Implementation of an Optimized Adaptive Filter for Real Time Extraction of Vibration Signal Related to Bearing Defects. International Review on Modelling and Simulations, 2016, 9, 105.	0.3	1
29	A Robust Model of Multi-Sensor Data Fusion Applied in Wireless Sensor Networks for Fire Detection. International Review on Modelling and Simulations, 2016, 9, 173.	0.3	0
30	A New Approach to FPGA-Implementation of DWT Applied to Real Time Denoising of Vibration Signals Related to Bearing Defects. International Review on Modelling and Simulations, 2016, 9, 181.	0.3	1
31	Review of ECG signal de-noising techniques. , 2015, , .		8
32	Voiceprints analysis using MFCC and SVM for detecting patients with Parkinson's disease. , 2015, , .		46
33	Detecting Patients with Parkin sonâ€™s disease using Mel Frequency Cepstral Coefficients a nd Support Vector Machines. International Journal on Electrical Engineering and Informatics, 2015, 7, 297-307.	0.5	26
34	Hybridization of best acoustic cues for detecting persons with Parkinson's disease. , 2014, , .		21
35	Edge Features and Geometrical Properties Based Approach for Vehicle License Plate Detection and Localization. International Journal of Mobile Computing and Multimedia Communications, 2012, 4, 63-75.	0.5	1
36	Recognition of adult video by combining skin detection features with motion information. , 2011, , .		3

#	Article	IF	Citations
37	A comparison of skin detection techniques for objectionable videos. , 2010, , .		2
38	New Approach Based on Texture and Geometric Features for Text Detection. Lecture Notes in Computer Science, 2010, , 157-164.	1.3	0