Achraf Benba

List of Publications by Year
in descending order

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19 papers	373 citations	1163117 8 h-index	996975 15 g-index
19 all docs	19 docs citations	19 times ranked	262 citing authors

#	Article	IF	Citations
1	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
2	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
3	Voiceprints analysis using MFCC and SVM for detecting patients with Parkinson's disease. , 2015, , .		46
4	Using Human Factor Cepstral Coefficient on Multiple Types of Voice Recordings for Detecting Patients with Parkinson's Disease. Irbm, 2017, 38, 346-351.	5.6	35
5	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
6	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
7	Hybridization of best acoustic cues for detecting persons with Parkinson's disease. , 2014, , .		21
8	Novel PCG Analysis Method for Discriminating Between Abnormal and Normal Heart Sounds. Irbm, 2020, 41, 223-228.	5.6	18
9	Machine learningâ€based edgeâ€computing on a multiâ€level architecture of WSN and IoT for realâ€time fall detection. IET Wireless Sensor Systems, 2020, 10, 320-332.	1.7	11
10	Quantification system of Parkinsonâ€™s disease. International Journal of Speech Technology, 2017, 20, 143-150.	2.2	10
11	Voice assessments for detecting patients with neurological diseases using PCA and NPCA. International Journal of Speech Technology, 2017, 20, 673-683.	2.2	10
12	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
13	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
14	Using RASTA-PLP for discriminating between different Neurological diseases. , 2016, , .		6
15	Detecting multiple system atrophy, Parkinson and other neurological disorders using voice analysis. International Journal of Speech Technology, 2017, 20, 281-288.	2.2	6
16	Detecting patients with Parkinson's disease using PLP and VQ. , 2015, , .		6
17	Novel extraction and tumour detection method using histogram study and SVM classification. International Journal of Signal and Imaging Systems Engineering, 2016, 9, 202.	0.6	3
18	Using novel method: Real Cepstral Discrete Cosine Transform, for detecting Parkinson from multiple system atrophy, other neurological diseases and healthy cases using voice analysis. International Journal of Speech Technology, 2022, 25, 163-172.	2.2	2

#	Article	IF	Citations
19	New Method of Extraction and Tumor Detection Based on a Histogram Study and Support Vector Machine. International Review on Computers and Software, 2015, 10, 900.	0.1	1