KaÃ¯s Ouni

List of Publications by Year
in descending order

45 papers	461 citations	1478505 6 h-index	1372567 10 g-index
46 all docs	46 docs citations	46 times ranked	409 citing authors

#	Article	IF	Citations
1	Predicting Remaining Useful Life of Wind Turbine Bearing using Linear Regression. , 2022, , .		1
2	Automatic diagnosis of valvular heart diseases by impedance cardiography signal processing. Biomedical Signal Processing and Control, 2020, 57, 101758.	5.7	14
3	Spinal Cord Segmentation in Ultrasound Medical Imagery. Applied Sciences (Switzerland), 2020, 10, 1370.	2.5	15
4	Data-Efficient Domain Adaptation for Semantic Segmentation of Aerial Imagery Using Generative Adversarial Networks. Applied Sciences (Switzerland), 2020, 10, 1092.	2.5	31
5	Robust speaker recognition based on biologically inspired features. International Journal of Signal and Imaging Systems Engineering, 2020, 12, 19.	0.6	0
6	A novel voice conversion approach using cascaded powerful cepstrum predictors with excitation and phase extracted from the target training space encoded as a KD-tree. International Journal of Speech Technology, 2019, 22, 1007-1019.	2.2	0
7	Enhancement of esophageal speech obtained by a voice conversion technique using time dilated Fourier cepstra. International Journal of Speech Technology, 2019, 22, 99-110.	2.2	6
8	Unsupervised Domain Adaptation Using Generative Adversarial Networks for Semantic Segmentation of Aerial Images. Remote Sensing, 2019, 11, 1369.	4.0	150
9	Car Detection using Unmanned Aerial Vehicles: Comparison between Faster R-CNN and YOLOv3. , 2019, , .		164
10	pplying hybrid â€œCD-CNN-HMMâ€•model for keywords spotting in continuous speech. , 2018, , .		0
11	Fusion features for robust speaker identification. International Journal of Signal and Imaging Systems Engineering, 2018, 11, 65.	0.6	0
12	Comparison of crisp and fuzzy kNN in phoneme recognition. , 2017, , .		4
13	Hybrid context dependent CD-DNN-HMM keywords spotting on continuous speech. , 2017, , .		2
14	Denoising of the impedance cardiographie signal (ICG) for a best detection of the characteristic points. , 2017, , .		1
15	Feature Extraction Method for Improving Speech Recognition in Noisy Environments. Journal of Computer Science, 2016, 12, 56-61.	0.6	10
16	Cardiac anomalies detection by cepstral analysis of ICG signal. , 2016, , .		1
17	The comparison of time-frequency analysis methods for speech coding application. , 2016, , .		0
18	Determination of cardiovascular parameters from bioimpedance signal. , 2016, , .		1

#	Article	IF	Citations
19	Fuzzy k-nearest neighbors applied to phoneme recognition. , 2016, , .		5
20	Noise Robust Speech Parameterization using Relative Spectra and Auditory Filterbank. Research Journal of Applied Sciences, Engineering and Technology, 2015, 9, 755-759.	0.1	2
21	High capacity digital audio watermarking technique in the frequency domain exploiting the properties of a psychoacoustic model. , 2014, , .		0
22	Speaker recognition system based on pitch estimation. , 2014, , .		3
23	Fuzzy Logic vs. HMM for phoneme recognition. , 2014, , .		0
24	A bio-inspired feature extraction for robust speech recognition. SpringerPlus, 2014, 3, 651.	1.2	8
25	Parameterization of speech signals for robust voice recognition. , 2014, , .		0
26	A study of speech recognition system based on the Hidden Markov Model with Gaussian-Mixture. , 2014, , .		1
27	Digital Audio Watermarking Technique Exploiting the Properties of the Psychoacoustic Model 2 of the MPEG Standard. Lecture Notes in Electrical Engineering, 2014, , 165-173.	0.4	0
28	Speech Signals Parameterization Based on Auditory Filter Modeling. Lecture Notes in Computer Science, 2013, , 60-66.	1.3	2
29	Comparative analysis of audio watermarking technique in MDCT domain with other references in spectral domain. , 2012, , .		3
30	A speech tool software for signal processing applications. , 2012, , .		6
31	Using hidden Markov toolkit for arrhythmia recognition. , 2012, , .		1
32	Study of speech analysis techniques for the phonemes classification using fuzzy logic. , 2011, , .		2
33	Performance evaluation of the symmetric tight wavelet frame in speech coding. , 2011, , .		4
34	Evaluation of Automatic Formant Tracking Method Using Fourier Ridges. Cognitive Computation, 2010, 2, 170-179.	5.2	1
35	Notice of Retraction: Audio encoder architecture using an external and middle ear model and an approximate cochlear filter bank repartition. , 2010, , .		0
36	Speech signal reconstruction based on the symmetric tight wavelet frame decomposition. , 2010, , .		3

#	Article	IF	Citations
37	A new psycho-acoustic model For MPEG1 layer 3 coder using A dynamic Gammachirp wavelet. , 2009, , .		0
38	Audio compression using a filter ear model and a Gammachirp wavelet. , 2009, , .		0
39	Comparison between Munich and Gammachirp models in audio compression. , 2009, , .		0
40	Audio Compression Using a Munich and Cambridge Morlet Wavelet. , 2009, , .		1
41	An improved psycho-acoustic model for MPEG 1 using a Morlet Cambridge wavelet. , 2009, , .		1
42	The effect chirp term in audio compression using a Gammachirp wavelet. , 2009, , .		0
43	An Approach Combining Wavelet Transform and Hidden Markov Models for ECG Segmentation. , 2008, , .		9
44	Wavelet ridge track interpretation in terms of formants. , 0, , .		5
45	An evaluation of formant tracking methods on an Arabic database. , 0, , .		4