

KaÃs Ouni

List of Publications by Year in descending order

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45
papers

461
citations

1478505

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h-index

1372567

10
g-index

46
all docs

46
docs citations

46
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Car Detection using Unmanned Aerial Vehicles: Comparison between Faster R-CNN and YOLOv3. , 2019, , .		164
2	Unsupervised Domain Adaptation Using Generative Adversarial Networks for Semantic Segmentation of Aerial Images. Remote Sensing, 2019, 11, 1369.	4.0	150
3	Data-Efficient Domain Adaptation for Semantic Segmentation of Aerial Imagery Using Generative Adversarial Networks. Applied Sciences (Switzerland), 2020, 10, 1092.	2.5	31
4	Spinal Cord Segmentation in Ultrasound Medical Imagery. Applied Sciences (Switzerland), 2020, 10, 1370.	2.5	15
5	Automatic diagnosis of valvular heart diseases by impedance cardiography signal processing. Biomedical Signal Processing and Control, 2020, 57, 101758.	5.7	14
6	Feature Extraction Method for Improving Speech Recognition in Noisy Environments. Journal of Computer Science, 2016, 12, 56-61.	0.6	10
7	An Approach Combining Wavelet Transform and Hidden Markov Models for ECG Segmentation. , 2008, , .		9
8	A bio-inspired feature extraction for robust speech recognition. SpringerPlus, 2014, 3, 651.	1.2	8
9	A speech tool software for signal processing applications. , 2012, , .		6
10	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
11	Fuzzy k-nearest neighbors applied to phoneme recognition. , 2016, , .		5
12	Wavelet ridge track interpretation in terms of formants. , 0, , .		5
13	Performance evaluation of the symmetric tight wavelet frame in speech coding. , 2011, , .		4
14	Comparison of crisp and fuzzy kNN in phoneme recognition. , 2017, , .		4
15	An evaluation of formant tracking methods on an Arabic database. , 0, , .		4
16	Speech signal reconstruction based on the symmetric tight wavelet frame decomposition. , 2010, , .		3
17	Comparative analysis of audio watermarking technique in MDCT domain with other references in spectral domain. , 2012, , .		3
18	Speaker recognition system based on pitch estimation. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Study of speech analysis techniques for the phonemes classification using fuzzy logic. , 2011, , .		2
20	Speech Signals Parameterization Based on Auditory Filter Modeling. Lecture Notes in Computer Science, 2013, , 60-66.	1.3	2
21	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
22	Hybrid context dependent CD-DNN-HMM keywords spotting on continuous speech. , 2017, , .		2
23	Audio Compression Using a Munich and Cambridge Morlet Wavelet. , 2009, , .		1
24	An improved psycho-acoustic model for MPEG 1 using a Morlet Cambridge wavelet. , 2009, , .		1
25	Evaluation of Automatic Formant Tracking Method Using Fourier Ridges. Cognitive Computation, 2010, 2, 170-179.	5.2	1
26	Using hidden Markov toolkit for arrhythmia recognition. , 2012, , .		1
27	A study of speech recognition system based on the Hidden Markov Model with Gaussian-Mixture. , 2014, , .		1
28	Cardiac anomalies detection by cepstral analysis of ICG signal. , 2016, , .		1
29	Determination of cardiovascular parameters from bioimpedance signal. , 2016, , .		1
30	Denoising of the impedance cardiographie signal (ICG) for a best detection of the characteristic points. , 2017, , .		1
31	Predicting Remaining Useful Life of Wind Turbine Bearing using Linear Regression. , 2022, , .		1
32	A new psycho-acoustic model For MPEG1 layer 3 coder using A dynamic Gammachirp wavelet. , 2009, , .		0
33	Audio compression using a filter ear model and a Gammachirp wavelet. , 2009, , .		0
34	Comparison between Munich and Gammachirp models in audio compression. , 2009, , .		0
35	The effect chirp term in audio compression using a Gammachirp wavelet. , 2009, , .		0
36	Notice of Retraction: Audio encoder architecture using an external and middle ear model and an approximate cochlear filter bank repartition. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
37	High capacity digital audio watermarking technique in the frequency domain exploiting the properties of a psychoacoustic model. , 2014, , .		0
38	Fuzzy Logic vs. HMM for phoneme recognition. , 2014, , .		0
39	Parameterization of speech signals for robust voice recognition. , 2014, , .		0
40	The comparison of time-frequency analysis methods for speech coding application. , 2016, , .		0
41	pplying hybrid â€œCD-CNN-HMMâ€™-model for keywords spotting in continuous speech. , 2018, , .		0
42	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
43	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
44	Fusion features for robust speaker identification. International Journal of Signal and Imaging Systems Engineering, 2018, 11, 65.	0.6	0
45	Robust speaker recognition based on biologically inspired features. International Journal of Signal and Imaging Systems Engineering, 2020, 12, 19.	0.6	0