

Taufiq Hasan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5335298/publications.pdf>

Version: 2024-02-01

28
papers

979
citations

1307594

7
h-index

1588992

8
g-index

32
all docs

32
docs citations

32
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	Hilbert-envelope features for cardiac disease classification from noisy phonocardiograms. Biomedical Signal Processing and Control, 2022, 78, 103864.	5.7	3
2	A Lightweight CNN Model for Detecting Respiratory Diseases From Lung Auscultation Sounds Using EMD-CWT-Based Hybrid Scalogram. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2595-2603.	6.3	83
3	Towards Domain Invariant Heart Sound Abnormality Detection Using Learnable Filterbanks. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2189-2198.	6.3	42
4	A Wavelet-CNN Feature Fusion Approach for Detecting COVID-19 from Chest Radiographs. , 2020, , .		2
5	X-Ray Image Compression Using Convolutional Recurrent Neural Networks. , 2019, , .		11
6	End-to-end Sleep Staging with Raw Single Channel EEG using Deep Residual ConvNets. , 2019, , .		16
7	Learning Front-end Filter-bank Parameters using Convolutional Neural Networks for Abnormal Heart Sound Detection. , 2018, 2018, 1408-1411.		11
8	Automatic composition of broadcast news summaries using rank classifiers trained with acoustic and lexical features. , 2016, , .		2
9	Automatic broadcast news summarization via rank classifiers and crowdsourced annotation. , 2015, , .		5
10	Speaker Recognition by Machines and Humans: A tutorial review. IEEE Signal Processing Magazine, 2015, 32, 74-99.	5.6	420
11	Maximum Likelihood Acoustic Factor Analysis Models for Robust Speaker Verification in Noise. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 381-391.	5.8	23
12	CRSS systems for 2012 NIST Speaker Recognition Evaluation. , 2013, , .		36
13	Duration mismatch compensation for i-vector based speaker recognition systems. , 2013, , .		85
14	An investigation on back-end for speaker recognition in multi-session enrollment. , 2013, , .		31
15	A multi-modal highlight extraction scheme for sports videos using an information-theoretic excitability measure. , 2012, , .		0
16	A Study on Universal Background Model Training in Speaker Verification. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 1890-1899.	3.2	57
17	A novel feature sub-sampling method for efficient universal background model training in speaker verification. , 2010, , .		10
18	MMSE estimator for speech enhancement considering the constructive and destructive interference of noise. IET Signal Processing, 2010, 4, 1.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Suppression of Residual Noise From Speech Signals Using Empirical Mode Decomposition. IEEE Signal Processing Letters, 2009, 16, 2-5.	3.6	30
20	Iterative noise power subtraction technique for improved speech quality. , 2008, , .		16
21	A two stage speech enhancement method for further improvement of speech quality by extracting signal from residual. , 2007, , .		0
22	Acoustic Scene Classification Using a CNN-SuperVector System Trained with Auditory and Spectrogram Image Features. , 0, , .		22
23	Robust speaker recognition in non-stationary room environments based on empirical mode decomposition. , 0, , .		5
24	Integrated feature normalization and enhancement for robust speaker recognition using acoustic factor analysis. , 0, , .		4
25	Mean hilbert envelope coefficients (MHEC) for robust speaker recognition. , 0, , .		23
26	Acoustic factor analysis based universal background model for robust speaker verification in noise. , 0, , .		2
27	Towards Smart-Cars That Can Listen: Abnormal Acoustic Event Detection on the Road. , 0, , .		13
28	An Ensemble of Transfer, Semi-supervised and Supervised Learning Methods for Pathological Heart Sound Classification. , 0, , .		9