Alberto Abad

List of Publications by Year
in descending order

		1478505	1125743
57 papers	497 citations	6 h-index	13 g-index
60 all docs	60 docs citations	60 times ranked	439 citing authors

#	Article	IF	Citations
1	Preserving privacy in speaker and speech characterisation. Computer Speech and Language, 2019, 58, 441-480.	4.3	59
2	Non-speech audio event detection. , 2009, , .		51
3	Automatic word naming recognition for an on-line aphasia treatment system. Computer Speech and Language, 2013, 27, 1235-1248.	4.3	46
4	The 2013 speaker recognition evaluation in mobile environment. , 2013, , .		19
5	Automatic Speech Activity Detection, Source Localization, and Speech Recognition on the Chil Seminar Corpus. , 0, , .		17
6	Exploring Hashing and Cryptonet Based Approaches for Privacy-Preserving Speech Emotion Recognition. , 2018, , .		16
7	Detecting audio events for semantic video search. , 0, , .		16
8	On the calibration and fusion of heterogeneous spoken term detection systems. , 0, , .		15
9	Exploiting Phone Log-Likelihood Ratio Features for the Detection of the Native Language of Non-Native English Speakers. , 0, , .		14
10	A nativeness classifier for TED Talks. , 2011, , .		13
11	Multi-room speech activity detection using a distributed microphone network in domestic environments. , 2015, , .		13
12	Depression Detection Using Automatic Transcriptions of De-Identified Speech. , 0, , .		13
13	Multimodal Head Orientation Towards Attention Tracking in Smartrooms. , 2007, , .		12
14	Pragmatic Aspects of Discourse Production for the Automatic Identification of Alzheimer's Disease. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 261-271.	10.8	11
15	Automatic Detection of Parkinson's Disease: An Experimental Analysis of Common Speech Production Tasks Used for Diagnosis. Lecture Notes in Computer Science, 2017, , 411-419.	1.3	11
16	Audio-based approaches to head orientation estimation in a smart-room. , 0, , .		11
17	Integration of beamforming and uncertainty-of-observation techniques for robust ASR in multi-source environments. Computer Speech and Language, 2013, 27, 837-850.	4.3	10
18	Accounting for the residual uncertainty of multi-layer perceptron based features. , 2014, , .		10

#	ARTICLE	IF	CITATIONS
19	Incorporating acoustical modelling of phone transitions in an hybrid ANN/HMM speech recognizer. , 0, , .		10
20	Automatic word naming recognition for treatment and assessment of aphasia. , 0, , .		9
21	UPC Audio, Video and Multimodal Person Tracking Systems in the Clear Evaluation Campaign. , 2006, , 93-104.		8
22	Patient Privacy in Paralinguistic Tasks. , 0, , .		8
23	Speaker orientation estimation based on hybridation of GCC-PHAT and HLBR. , 0, , .		8
24	Multi-site heterogeneous system fusions for the Albayzin 2010 Language Recognition Evaluation. , 2011, , .		7
25	Cross Lingual Transfer Learning for Zero-Resource Domain Adaptation. , 2020, , .		7
26	Multispeaker Localization and Tracking in Intelligent Environments. Lecture Notes in Computer Science, 2007, , 82-90.	1.3	7
27	Context dependent modelling approaches for hybrid speech recognizers. , 0, , .		7
28	Automatic Classification and Transcription of Telephone Speech in Radio Broadcast Data. Lecture Notes in Computer Science, 2008, , 172-181.	1.3	6
29	Audio contributions to semantic video search. , 2009, , .		5
30	Integration of beamforming and automatic speech recognition through propagation of the wiener posterior. , 2012, , .		5
31	Secure binary embeddings of front-end factor analysis for privacy preserving speaker verification. , 0, , .		5
32	Privacy-preserving speaker verification using secure binary embeddings. , 2014, , .		4
33	A Multiplayer Voice-Enabled Game Platform for the Elderly. Lecture Notes in Computer Science, 2020, , 413-419.	1.3	4
34	Topic coherence analysis for the classification of Alzheimer's disease. , 0, , .		4
35	Porting an european portuguese broadcast news recognition system to brazilian portuguese. , 0, , .		4
36	Preventing converted speech spoofing attacks in speaker verification. , 2014, , .		3

#	Article	IF	Citations
37	The BioVisualSpeech Corpus of Words with Sibilants for Speech Therapy Games Development. Information (Switzerland), 2020, 11, 470.	2.9	3
38	The BLZ submission to the NIST 2011 LRE: data collection, system development and performance. , 0, , .		3
39	Architecture and dialogue design for a voice operated information system. Applied Intelligence, 2006, 24, 253-261.	5.3	2
40	Privacy-preserving Query-by-Example Speech Search. , 2015, , .		2
41	The BioVisualSpeech European Portuguese Sibilants Corpus. Lecture Notes in Computer Science, 2020, , 23-33.	1.3	2
42	Evaluation and Extensions of an Automatic Speech Therapy Platform. Lecture Notes in Computer Science, 2020, , 43-52.	1.3	2
43	Improved Jacobian Adaptation for Robust Speaker Verification. IEICE Transactions on Information and Systems, 2005, E88-D, 1767-1770.	0.7	2
44	Speech and language technologies for the automatic monitoring and training of cognitive functions. , 2015, , .		2
45	Detecting repetitions in spoken dialogue systems using phonetic distances. , 0, , .		2
46	Parallel Transformation Network features for speaker recognition. , 2011, , .		1
47	ALBAYZIN Query-by-example Spoken Term Detection 2016 evaluation. Eurasip Journal on Audio, Speech, and Music Processing, 2018, 2018, .	2.1	1
48	Analysing Speech for Clinical Applications. Lecture Notes in Computer Science, 2018, , 3-6.	1.3	1
49	Speech Analytics for Medical Applications. Lecture Notes in Computer Science, 2018, , 26-37.	1.3	1
50	Speaker recognition experiments using connectionist transformation network features. , 0, , .		1
51	Exploiting variety-dependent phones in portuguese variety identification applied to broadcast news transcription. , 0, , .		1
52	Predicting disordered speech comprehensibility from Goodness of Pronunciation scores. , 2015, , .		1
53	Exploring Dementia Detection from Speech: Cross Corpus Analysis. , 2022, , .		1
54	Exploiting magnitude and phase spectral information for converted speech detection. , 2014, , .		0

#	Article	IF	Citations
55	Fusion of Simple Models for Native Language Identification. , 2017, , .		0
56	Chemical Looping Combustion of Biomass: Clou Experiments with a Cu-Mn Mixed Oxide. , 0, , .		0
57	Recognition of Latin American Spanish Using Multi-Task Learning. , 0, , .		0