Fernando S Perdigão

List of Publications by Year
in descending order

34 papers	190 citations	1478505 6 h-index	1199594 12 g-index
37 all docs	37 docs citations	37 times ranked	193 citing authors

#	Article	IF	Citations
1	In-Vivo Automatic Nuclear Cataract Detection and Classification in an Animal Model by Ultrasounds. IEEE Transactions on Biomedical Engineering, 2016, 63, 2326-2335.	4.2	32
2	Automatic defects classification â€" a contribution. NDT and E International, 2001, 34, 313-318.	3.7	25
3	Automatic Cataract Classification based on Ultrasound Technique Using Machine Learning: A comparative Study. Physics Procedia, 2015, 70, 1221-1224.	1.2	20
4	Speaker Awareness for Speech Emotion Recognition. International Journal of Online and Biomedical Engineering, 2020, 16, 15.	1.4	13
5	Automatic evaluation of reading aloud performance in children. Speech Communication, 2017, 94, 1-14.	2.8	9
6	Query by example search with segmented dynamic time warping for non-exact spoken queries. , 2015, , .		8
7	Broad phonetic class definition driven by phone confusions. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.7	6
8	Acoustic Similarity Scores for Keyword Spotting. Lecture Notes in Computer Science, 2014, , 48-58.	1.3	6
9	Efficient noise-robust speech recognition front-end based on the ETSI standard. , 2008, , .		5
10	Safety Assessment of an <scp>Aâ€Scan</scp> Ultrasonic System for Ophthalmic Use. Journal of Ultrasound in Medicine, 2020, 39, 2143-2150.	1.7	5
11	A European Portuguese Children Speech Database for Computer Aided Speech Therapy. Lecture Notes in Computer Science, 2012, , 368-374.	1.3	5
12	Segmented Dynamic Time Warping for Spoken Query-by-Example Search. , 0, , .		5
13	Development of a Speech Recognizer with the Tecnovoz Database. Lecture Notes in Computer Science, 2008, , 260-263.	1.3	5
14	Talking avatar for web-based interfaces. , 2011, , .		4
15	Generating a pronunciation dictionary for European Portuguese using a joint-sequence model with embedded stress assignment. Journal of the Brazilian Computer Society, 2013, 19, 127-134.	1.3	4
16	A method for the extraction of phonetically-rich triphone sentences. , 2014, , .		4
17	Mispronunciation Detection in Children's Reading of Sentences. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1207-1219.	5.8	4
18	A-scan ultrasonic system for real time automatic cataract detection. Health and Technology, 2020, 10, 905-911.	3.6	4

#	Article	IF	Citations
19	Generalising the simultaneous computation of the DFTs of two real sequences using a single N-point DFT. Signal Processing, 2002, 82, 503-505.	3.7	3
20	A-scan ultrasound in ophthalmology: A simulation tool. Medical Engineering and Physics, 2021, 97, 18-24.	1.7	3
21	Eye Scan Ultrasound System for Automatic Cataract Detection: From a Preclinical to a Clinical Prototype. IFMBE Proceedings, 2020, , 811-819.	0.3	3
22	Towards Automatic Classification of Speech Styles. Lecture Notes in Computer Science, 2012, , 421-426.	1.3	3
23	Detection of Mispronunciations and Disfluencies in Children Reading Aloud. , 0, , .		3
24	Prosodic and Phonetic Features for Speaking Styles Classification and Detection. Communications in Computer and Information Science, 2012, , 89-98.	0.5	2
25	Automatic Annotation of Disfluent Speech in Children's Reading Tasks. Lecture Notes in Computer Science, 2016, , 172-181.	1.3	2
26	Automatic Evaluation of Children Reading Aloud on Sentences and Pseudowords. , 0, , .		2
27	Speech event detection using SVM and NMD. , 2007, , .		1
28	Syllable structure in dysfunctional Portuguese children's speech. Clinical Linguistics and Phonetics, 2010, 24, 883-889.	0.9	1
29	ALBAYZIN Query-by-example Spoken Term Detection 2016 evaluation. Eurasip Journal on Audio, Speech, and Music Processing, 2018, 2018, .	2.1	1
30	A multiprocessing system for the TMS32020. Microprocessing and Microprogramming, 1988, 23, 221-225.	0.2	0
31	A parallel architecture for real-time video coding. Microprocessing and Microprogramming, 1990, 30, 439-445.	0.2	0
32	An error-resilient approach for real-time packet communications by HF-channel diversity. , 2004, , .		0
33	A discriminative training method applied to a hybrid ANN/HMM phoneme recognizer. , 2008, , .		0
34	Design and Analysis of a Database to Evaluate Children's Reading Aloud Performance. Lecture Notes in Computer Science, 2016, , 385-395.	1.3	0