Marvin Coto-JimÃ©nez

List of Publications by Year
in descending order

25 papers	92 citations	1937685 4 h-index	1588992 8 g-index
30 all docs	30 docs citations	30 times ranked	79 citing authors

#	Article	IF	Citations
1	An Experimental Study on Speech Enhancement Based on a Combination of Wavelets and Deep Learning. Computation, 2022, 10, 102.	2.0	7
2	Discriminative Multi-Stream Postfilters Based on Deep Learning for Enhancing Statistical Parametric Speech Synthesis. Biomimetics, 2021, 6, 12.	3.3	3
3	Consideraciones para la incorporaciÃ³n de la Inteligencia Artificial en un programa de pregrado de IngenierÃa ElÃ©ctrica. Actualidades Investigativas En EducaciÃ³n, 2021, 21, 25.	0.2	1
4	Evaluation of Denoising Algorithms for Footsteps Sound Classification in Noisy Environments. , 2021, , .		1
5	Evaluation of Mixed Deep Neural Networks for Reverberant Speech Enhancement. Biomimetics, 2020, 5, 1.	3.3	4
6	Measuring the Effect of Reverberation on Statistical Parametric Speech Synthesis. Communications in Computer and Information Science, 2020, , 369-382.	0.5	0
7	Enhancing Speech Recorded from a Wearable Sensor Using a Collection of Autoencoders. Communications in Computer and Information Science, 2020, , 383-397.	0.5	0
8	Experimental Study on Transfer Learning in Denoising Autoencoders for Speech Enhancement. Lecture Notes in Computer Science, 2020, , 307-317.	1.3	1
9	Assessing the Robustness of Recurrent Neural Networks to Enhance the Spectrum of Reverberated Speech. Communications in Computer and Information Science, 2020, , 276-290.	0.5	0
10	Reconstructing fundamental frequency from noisy speech using initialized autoencoders. IEEE Latin America Transactions, 2020, 18, 1724-1731.	1.6	0
11	Improving Post-Filtering of Artificial Speech Using Pre-Trained LSTM Neural Networks. Biomimetics, 2019, 4, 39.	3.3	12
12	TecnologÃas del habla para la educaciÃ³n inclusiva. Actualidades Investigativas En EducaciÃ³n, 2019, 20, .	0.2	2
13	LSTM Deep Neural Networks Postfiltering for Enhancing Synthetic Voices. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1860008.	1.2	15
14	Pre-training Long Short-term Memory Neural Networks for Efficient Regression in Artificial Speech Postfiltering. , 2018, , .		3
15	Hybrid Speech Enhancement with Wiener filters and Deep LSTM Denoising Autoencoders. , 2018, , .		8
16	Auto-Associative Initialization of LSTM Neural Networks for Fundamental Frequency Detection in Noisy Speech Signals. , 2018, , .		0
17	Robustness of LSTM Neural Networks for the Enhancement of Spectral Parameters in Noisy Speech Signals. Lecture Notes in Computer Science, 2018, , 227-238.	1.3	4
18	Improving Automatic Speech Recognition Containing Additive Noise Using Deep Denoising Autoencoders of LSTM Networks. Lecture Notes in Computer Science, 2016, , 354-361.	1.3	12

#	Article	IF	Citations
19	Hidden Markov Models for Artificial Voice Production and Accent Modification. Lecture Notes in Computer Science, 2016, , 415-426.	1.3	0
20	Speech Synthesis Based on Hidden Markov Models and Deep Learning. Research in Computing Science, 2016, 112, 19-28.	0.1	1
21	Quality Assessment of HMM-Based Speech Synthesis Using Acoustical Vowel Analysis. Lecture Notes in Computer Science, 2014, , 368-375.	1.3	2
22	Acoustic Vowel Analysis in a Mexican Spanish HMM-based Speech Synthesis. Research in Computing Science, 2014, 86, 53-62.	0.1	2
23	Descubrimiento del estilo de aprendizaje dominante en estudiantes de MatemÃ¡tica Superior. Revista EducaciÃ“n, 0, , 21.	0.2	4
24	AnÃ¡lisis bibliomÃ©trico de los proyectos de graduaciÃ³n de ingenierÃa elÃ©ctrica de la Universidad de Costa Rica 1999-2018. E-Ciencias De La InformaciÃ³n, 0, , .	0.1	2
25	Un primer acercamiento a la caracterizaciÃ³n acÃºstica del habla de niÃ±os costarricenses. TecnologÃa En Marcha, 0, , .	0.1	0