Joan Claudi Socoró

List of Publications by Year
in descending order

31 papers	484 citations	11 h-index	21 g-index

| 35 all docs | 35 docs citations | 35 times ranked | 417 citing authors |

#	Article	IF	Citations
1	A Review of Physical and Perceptual Feature Extraction Techniques for Speech, Music and Environmental Sounds. Applied Sciences (Switzerland), 2016, 6, 143.	2.5	139
2	An Anomalous Noise Events Detector for Dynamic Road Traffic Noise Mapping in Real-Life Urban and Suburban Environments. Sensors, 2017, 17, 2323.	3.8	56
3	DYNAMAP â€" Development of low cost sensors networks for real time noise mapping. Noise Mapping, 2016, 3, .	1.8	50
4	Towards High-Quality Next-Generation Text-to-Speech Synthesis: A Multidomain Approach by Automatic Domain Classification. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 1340-1354.	3.2	28
5	Description of Anomalous Noise Events for Reliable Dynamic Traffic Noise Mapping in Real-Life Urban and Suburban Soundscapes. Applied Sciences (Switzerland), 2017, 7, 146.	2.5	25
6	Automatic refinement of an expressive speech corpus assembling subjective perception and automatic classification. Speech Communication, 2009, 51, 744-758.	2.8	21
7	Positional and confidence voting-based consensus functions for fuzzy cluster ensembles. Fuzzy Sets and Systems, 2012, 193, 1-32.	2.7	20
8	Detection of Anomalous Noise Events on Low-Capacity Acoustic Nodes for Dynamic Road Traffic Noise Mapping within an Hybrid WASN. Sensors, 2018, 18, 1272.	3.8	17
9	Anomalous events removal for automated traffic noise maps generation. Applied Acoustics, 2019, 151, 183-192.	3.3	17
10	Driving assistance system based on the detection of head-on collisions. , 2008, , .		16
11	Detection of Anomalous Noise Events for Real-Time Road-Traffic Noise Mapping: The Dynamapâ€™s project case study. Noise Mapping, 2018, 5, 71-85.	1.8	15
12	A WASN-Based Suburban Dataset for Anomalous Noise Event Detection on Dynamic Road-Traffic Noise Mapping. Sensors, 2019, 19, 2480.	3.8	15
13	WASN-Based Dayâ€"Night Characterization of Urban Anomalous Noise Events in Narrow and Wide Streets. Sensors, 2020, 20, 4760.	3.8	8
14	Aggregate Impact of Anomalous Noise Events on the WASN-Based Computation of Road Traffic Noise Levels in Urban and Suburban Environments. Sensors, 2020, 20, 609.	3.8	8
15	Glottal Source Contribution to Higher Order Modes in the Finite Element Synthesis of Vowels. Applied Sciences (Switzerland), 2019, 9, 4535.	2.5	6
16	Prosody Modelling of Spanish for Expressive Speech Synthesis. , 2007, , .		5
17	Voice Quality Modelling for Expressive Speech Synthesis. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	3
18	Detecting Anomalous Noise Events on Low-Capacity Acoustic Sensor in Dynamic Road Traffic Noise Mapping. Proceedings (mdpi), 2018, 2, 136.	0.2	3

#	Article	IF	Citations
19	Vocal Effort Modification through Harmonics Plus Noise Model Representation. Lecture Notes in Computer Science, 2011, , 96-103.	1.3	3
20	Acoustic Conditions Analysis of a Multi-Sensor Network for the Adaptation of the Anomalous Noise Event Detector. Proceedings (mdpi), 2019, 4, .	0.2	2
21	Characterization of a WASN-Based Urban Acoustic Dataset for the Dynamic Mapping of Road Traffic Noise. Proceedings (mdpi), 2020, 42, 60.	0.2	2
22	GlottDNN-based spectral tilt analysis of tense voice emotional styles for the expressive 3D numerical synthesis of vowel [a]. , 0, , .		2
23	Mixing HMM-Based Spanish Speech Synthesis with a CBR for Prosody Estimation. , 2007, , 78-85.		2
24	Multiresolution acquisition scheme for the physical layer design of a direct sequence spread spectrum transequatorial HF ionospheric data link. IET Communications, 2017, 11, 1165-1172.	2.2	1
25	Text Clustering on Latent Thematic Spaces: Variants, Strengths and Weaknesses. , 2007, , 794-801.		1
26	High Quality Emotional HMM-Based Synthesis in Spanish. Lecture Notes in Computer Science, 2010, , 26-34.	1.3	1
27	Adding Singing Capabilities to Unit Selection TTS Through HNM-Based Conversion. Lecture Notes in Computer Science, 2016, , 33-43.	1.3	1
28	A unit selection text-to-speech-and-singing synthesis framework from neutral speech: proof of concept. Eurasip Journal on Audio, Speech, and Music Processing, 2019, 2019, .	2.1	1
29	A Hierarchical Consensus Architecture for Robust Document Clustering. , 2007, , 741-744.		1
30	WASN-Based Spectro-Temporal Analysis and Clustering of Road Traffic Noise in Urban and Suburban Areas. Applied Sciences (Switzerland), 2022, 12, 981.	2.5	1
31	Contribution of Vocal Tract and Glottal Source Spectral Cues in the Generation of Acted Happy and Aggressive Spanish Vowels. Applied Sciences (Switzerland), 2022, 12, 2055.	2.5	1