CÃ©sar Asensio

List of Publications by Year
in descending order

38 papers	623 citations	687220 13 h-index	610775 24 g-index
39 all docs	39 docs citations	39 times ranked	619 citing authors

#	Article	IF	Citations
1	On-board wet road surface identification using tyre/road noise and Support Vector Machines. Applied Acoustics, 2014, 76, 407-415.	1.7	96
2	Changes in noise levels in the city of Madrid during COVID-19 lockdown in 2020. Journal of the Acoustical Society of America, 2020, 148, 1748-1755.	0.5	79
3	Study of Precision, Deviations and Uncertainty in the Design of the Strategic Noise Map of the Macrocenter of the City of Buenos Aires, Argentina. Environmental Modeling and Assessment, 2010, 15, 125-135.	1.2	46
4	A Taxonomy Proposal for the Assessment of the Changes in Soundscape Resulting from the COVID-19 Lockdown. International Journal of Environmental Research and Public Health, 2020, 17, 4205.	1.2	46
5	Does exposure to noise pollution influence the incidence and severity of COVID-19?. Environmental Research, 2021, 195, 110766.	3.7	33
6	Real-time aircraft noise likeness detector. Applied Acoustics, 2010, 71, 539-545.	1.7	28
7	A Digital Signal Processor Based Acoustic Sensor for Outdoor Noise Monitoring in Smart Cities. Sensors, 2020, 20, 605.	2.1	24
8	A Case Study of the Influence of Urban Morphology on Aircraft Noise. Acoustics Australia, 2017, 45, 389-401.	1.4	23
9	Communicating airport noise emission data to the general public. Science of the Total Environment, 2017, 586, 836-848.	3.9	22
10	A Review of Non-Acoustic Measures to Handle Community Response to Noise around Airports. Current Pollution Reports, 2017, 3, 230-244.	3.1	17
11	Citizens' perception of the efficacy of airport noise insulation programmes in Spain. Applied Acoustics, 2014, 84, 107-115.	1.7	16
12	Beyond sound level monitoring: Exploitation of social media to gather citizens subjective response to noise. Science of the Total Environment, 2019, 658, 69-79.	3.9	15
13	Estimation of directivity and sound power levels emitted by aircrafts during taxiing, for outdoor noise prediction purpose. Applied Acoustics, 2007, 68, 1263-1279.	1.7	14
14	GPS-based speed collection method for road traffic noise mapping. Transportation Research, Part D: Transport and Environment, 2009, 14, 360-366.	3.2	14
15	Study of the correction factors for aircraft noise façade measurements. Applied Acoustics, 2019, 145, 399-407.	1.7	14
16	Identification and mapping of asphalt surface deterioration by tyre-pavement interaction noise measurement. Measurement: Journal of the International Measurement Confederation, 2019, 146, 718-727.	2.5	12
17	Uncertainty in Noise Maps Isolines: The Effect of the Sampling Grid. Acta Acustica United With Acustica, 2011, 97, 237-242.	0.8	11
18	A statistical pattern recognition approach for the classification of cooking stages. The boiling water case. Applied Acoustics, 2013, 74, 1022-1032.	1.7	11

#	Article	IF	Citations
19	Unattended acoustic events classification at the vicinity of airports. Applied Acoustics, 2014, 84, 91-98.	1.7	11
20	Social Media and Open Data to Quantify the Effects of Noise on Health. Frontiers in Sustainable Cities, 2020, 2, .	1.2	10
21	Design of a Noise Action Plan based on a Road Traffic Noise Map. Acta Acustica United With Acustica, 2011, 97, 492-502.	0.8	9
22	Self-adaptive grids for noise mapping refinement. Applied Acoustics, 2011, 72, 599-610.	1.7	9
23	Reduction in Calculated Uncertainty of a Noise Map by Improving the Traffic Model Data Through Two Phases. Acta Acustica United With Acustica, 2011, 97, 761-768.	0.8	9
24	Assessment of Residents' Exposure to Leisure Noise in Málaga (Spain). Environments - MDPI, 2018, 5, 134.	1.5	9
25	Implementation of a thrust reverse noise detection system for airports. Transportation Research, Part D: Transport and Environment, 2013, 19, 42-47.	3.2	8
26	Assessment of Noise Exposure During Commuting in the Madrid Subway. Journal of Occupational and Environmental Hygiene, 2011, 8, 533-539.	0.4	5
27	Airport Noise Insulation Programs: The Spanish Case. Noise and Vibration Worldwide, 2012, 43, 8-15.	0.4	5
28	Aircraft noise-monitoring according to ISO 20906. Evaluation of uncertainty derived from the classification and identification of aircraft noise events. Applied Acoustics, 2012, 73, 209-217.	1.7	5
29	Acoustics in Smart Cities. Applied Acoustics, 2017, 117, 191-192.	1.7	5
30	Aircraft noise-monitoring according to ISO 20906: Evaluation of uncertainty derived from the human factors affecting event detection. Applied Acoustics, 2012, 73, 1-11.	1.7	4
31	Platform for on-board real-time detection of wet, icy and snowy roads, using tyre/road noise analysis. , 2015, , .		4
32	Aircrafts' taxi noise. Sound power level and directivity frequency band results. Applied Acoustics, 2009, 70, 986-1008.	1.7	2
33	Design and Validation of a Simulator Tool Useful for Designers and Policy Makers in Urban Sound Planning. Acoustics Australia, 2017, 45, 515-527.	1.4	2
34	Analysis of the effects of uneven sound coverage over a facade during a sound insulation test according to the international standard ISO 16283-3. Applied Acoustics, 2018, 130, 52-62.	1.7	2
35	Aircrafts' Taxi Noise Emission. Noise and Vibration Worldwide, 2008, 39, 10-15.	0.4	1
36	An Intelligent Thrust Reverse Noise Detector. Noise and Vibration Worldwide, 2014, 45, 13-18.	0.4	0

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37	Implementation of a virtual laboratory for training on sound insulation testing and uncertainty calculations in acoustic tests. Journal of the Acoustical Society of America, 2015, 137, 1012-1020.	0.5	0
38	Airport noise insulation programs: The Spanish case. Noise Notes, 2012, 11, 25-34.	0.2	0