

CÃ©sar Asensio

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

623
citations

686830

13
h-index

610482

24
g-index

39
all docs

39
docs citations

39
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Does exposure to noise pollution influence the incidence and severity of COVID-19?. Environmental Research, 2021, 195, 110766.	3.7	33
2	Social Media and Open Data to Quantify the Effects of Noise on Health. Frontiers in Sustainable Cities, 2020, 2, .	1.2	10
3	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
4	A Digital Signal Processor Based Acoustic Sensor for Outdoor Noise Monitoring in Smart Cities. Sensors, 2020, 20, 605.	2.1	24
5	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
6	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
7	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
8	Study of the correction factors for aircraft noise facade measurements. Applied Acoustics, 2019, 145, 399-407.	1.7	14
9	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
10	Assessment of Residents'™ Exposure to Leisure Noise in Mlaga (Spain). Environments - MDPI, 2018, 5, 134.	1.5	9
11	Communicating airport noise emission data to the general public. Science of the Total Environment, 2017, 586, 836-848.	3.9	22
12	Acoustics in Smart Cities. Applied Acoustics, 2017, 117, 191-192.	1.7	5
13	A Review of Non-Acoustic Measures to Handle Community Response to Noise around Airports. Current Pollution Reports, 2017, 3, 230-244.	3.1	17
14	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
15	A Case Study of the Influence of Urban Morphology on Aircraft Noise. Acoustics Australia, 2017, 45, 389-401.	1.4	23
16	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
17	Platform for on-board real-time detection of wet, icy and snowy roads, using tyre/road noise analysis. , 2015, , .		4
18	Unattended acoustic events classification at the vicinity of airports. Applied Acoustics, 2014, 84, 91-98.	1.7	11

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19	On-board wet road surface identification using tyre/road noise and Support Vector Machines. Applied Acoustics, 2014, 76, 407-415.	1.7	96
20	Citizensâ€™ perception of the efficacy of airport noise insulation programmes in Spain. Applied Acoustics, 2014, 84, 107-115.	1.7	16
21	An Intelligent Thrust Reverse Noise Detector. Noise and Vibration Worldwide, 2014, 45, 13-18.	0.4	0
22	A statistical pattern recognition approach for the classification of cooking stages. The boiling water case. Applied Acoustics, 2013, 74, 1022-1032.	1.7	11
23	Implementation of a thrust reverse noise detection system for airports. Transportation Research, Part D: Transport and Environment, 2013, 19, 42-47.	3.2	8
24	Airport Noise Insulation Programs: The Spanish Case. Noise and Vibration Worldwide, 2012, 43, 8-15.	0.4	5
25	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
26	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
27	Airport noise insulation programs: The Spanish case. Noise Notes, 2012, 11, 25-34.	0.2	0
28	Uncertainty in Noise Maps Isolines: The Effect of the Sampling Grid. Acta Acustica United With Acustica, 2011, 97, 237-242.	0.8	11
29	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
30	Self-adaptive grids for noise mapping refinement. Applied Acoustics, 2011, 72, 599-610.	1.7	9
31	Assessment of Noise Exposure During Commuting in the Madrid Subway. Journal of Occupational and Environmental Hygiene, 2011, 8, 533-539.	0.4	5
32	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
33	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
34	Real-time aircraft noise likeness detector. Applied Acoustics, 2010, 71, 539-545.	1.7	28
35	GPS-based speed collection method for road traffic noise mapping. Transportation Research, Part D: Transport and Environment, 2009, 14, 360-366.	3.2	14
36	Aircraftsâ€™ taxi noise. Sound power level and directivity frequency band results. Applied Acoustics, 2009, 70, 986-1008.	1.7	2

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37	Aircrafts' Taxi Noise Emission. <i>Noise and Vibration Worldwide</i> , 2008, 39, 10-15.	0.4	1
38	Estimation of directivity and sound power levels emitted by aircrafts during taxiing, for outdoor noise prediction purpose. <i>Applied Acoustics</i> , 2007, 68, 1263-1279.	1.7	14