Francesco Aletta

List of Publications by Citations

72 papers	1,573 citations	22 h-index	37 g-index
87 ext. papers	2,089 ext. citations	4.5 avg, IF	5.55 L-index

#	Paper	IF	Citations
72	Ten questions on the soundscapes of the built environment. *Building and Environment*, **2016**, 108, 284-294	8.5	180
71	Soundscape descriptors and a conceptual framework for developing predictive soundscape models. *Landscape and Urban Planning*, **2016**, 149, 65-74	7.7	179
70	Chatty maps: constructing sound maps of urban areas from social media data. *Royal Society Open Science*, **2016**, 3, 150690	3.3	73
69	Associations between Positive Health-Related Effects and Soundscapes Perceptual Constructs: A Systematic Review. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	71
68	The influence of visual characteristics of barriers on railway noise perception. *Science of the Total Environment*, **2013**, 445-446, 41-7	10.2	59
67	The effects of vision-related aspects on noise perception of wind turbines in quiet areas. *International Journal of Environmental Research and Public Health*, **2013**, 10, 1681-97	4.6	58
66	Assessing the changing urban sound environment during the COVID-19 lockdown period using short-term acoustic measurements. *Noise Mapping*, **2020**, 7, 123-134	4.8	57
65	Analysing urban traffic volumes and mapping noise emissions in Rome (Italy) in the context of containment measures for the COVID-19 disease. *Noise Mapping*, **2020**, 7, 114-122	4.8	46
64	Towards an Urban Vibrancy Model: A Soundscape Approach. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	40
63	Indoor soundscape assessment: A principal components model of acoustic perception in residential buildings. *Building and Environment*, **2020**, 182, 107152	6.5	36
62	The Psychophysiological Implications of Soundscape: A Systematic Review of Empirical Literature and a Research Agenda. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	34
61	Soundscape approach integrating noise mapping techniques: a case study in Brighton, UK. *Noise Mapping*, **2015**, 2,	4.8	34
60	An Experimental Study on the Influence of Soundscapes on People Behaviour in an Open Public Space. *Applied Sciences (Switzerland)*, **2016**, 6, 276	2.6	33
59	Differences in soundscape appreciation of walking sounds from different footpath materials in urban parks. *Sustainable Cities and Society*, **2016**, 27, 367-376	10.1	31
58	Assessment Methods and Factors Determining Positive Indoor Soundscapes in Residential Buildings: A Systematic Review. *Sustainability*, **2019**, 11, 5290	3.6	30
57	Classification of soundscapes of urban public open spaces. *Landscape and Urban Planning*, **2019**, 189, 139-155	7.7	29
56	Monitoring Sound Levels and Soundscape Quality in the Living Rooms of Nursing Homes: A Case Study in Flanders (Belgium). *Applied Sciences (Switzerland)*, **2017**, 7, 874	2.6	29

55	A model for implementing soundscape maps in smart cities. *Noise Mapping*, **2018**, 5, 46-59	4.8	25
54	Exploring the compatibility of "Method A" and "Method B" data collection protocols reported in the ISO/TS 12913-2:2018 for urban soundscape via a soundwalk. *Applied Acoustics*, **2019**, 155, 190-203	3.1	24
53	Influence of Personal Factors on Sound Perception and Overall Experience in Urban Green Areas. A Case Study of a Cycling Path Highly Exposed to Road Traffic Noise. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	23
52	Towards the integration of urban sound planning in urban development processes: the study of four test sites within the SONORUS project. *Noise Mapping*, **2015**, 2,	4.8	23
51	Acoustics for Supportive and Healthy Buildings: Emerging Themes on Indoor Soundscape Research. *Sustainability*, **2020**, 12, 6054	3.6	22
50	What are the Current Priorities and Challenges for (Urban) Soundscape Research?. *Challenges*, **2018**, 9, 16	3.4	22
49	The effect of vision on the perception of the noise produced by a chiller in a common living environment. *Noise Control Engineering Journal*, **2016**, 64, 363-378	0.6	19
48	Awareness of "sound" in nursing homes: A large-scale soundscape survey in Flanders (Belgium). *Building Acoustics*, **2018**, 25, 43-59	1	18
47	A systematic review of prediction models for the experience of urban soundscapes. *Applied Acoustics*, **2020**, 170, 107479	3.1	18
46	The Soundscape Indices (SSID) Protocol: A Method for Urban Soundscape Surveys—Questionnaires with Acoustical and Contextual Information. *Applied Sciences (Switzerland)*, **2020**, 10, 2397	2.6	18
45	A soundscape approach to exploring design strategies for acoustic comfort in modern public libraries: a case study of the Library of Birmingham. *Noise Mapping*, **2016**, 3,	4.8	17
44	Acoustic Design Criteria in Naturally Ventilated Residential Buildings: New Research Perspectives by Applying the Indoor Soundscape Approach. *Applied Sciences (Switzerland)*, **2019**, 9, 5401	2.6	17
43	Indoor soundscapes at home during the COVID-19 lockdown in London – Part I: Associations between the perception of the acoustic environment, occupant activity and well-being. *Applied Acoustics*, **2021**, 183, 108305	3.1	15
42	Building performance evaluation: Balancing energy and indoor environmental quality in a UK school building. *Building Services Engineering Research and Technology*, **2020**, 41, 343-360	2.3	14
41	The Accuracy of Predicted Acoustical Parameters in Ancient Open-Air Theatres: A Case Study in Syracusae. *Applied Sciences (Switzerland)*, **2018**, 8, 1393	2.6	14
40	Urban Soundscapes: Characterization of a Pedestrian Tourist Route in Sorrento (Italy). *Urban Science*, **2017**, 1, 4	2.2	13
39	Noise environments in nursing homes: An overview of the literature and a case study in Flanders with quantitative and qualitative methods. *Applied Acoustics*, **2020**, 159, 107103	3.1	13
38	Increases in noise complaints during the COVID-19 lockdown in Spring 2020: A case study in Greater London, UK. *Science of the Total Environment*, **2021**, 785, 147213	10.2	13

37	The ‘sound of silence’ in Granada during the COVID-19 lockdown. *Noise Mapping*, **2021**, 8, 16-31	4.8	13
36	The Impact and Outreach of Soundscape Research. *Environments - MDPI*, **2018**, 5, 58	3.2	12
35	The Effect of Soundscapes and Lightscapes on the Perception of Safety and Social Presence Analyzed in a Laboratory Experiment. *Sustainability*, **2019**, 11, 3000	3.6	10
34	THE EFFECT OF WALKING SOUNDS FROM DIFFERENT WALKED-ON MATERIALS ON THE SOUNDSCAPE OF URBAN PARKS. *Journal of Environmental Engineering and Landscape Management*, **2016**, 24, 165-175	1.1	10
33	The COVID-19 global challenge and its implications for the environment – what we are learning. *UCL Open Environment*, **2020**, 2,	1.9	10
32	Assessing the impact of Autonomous Vehicles on urban noise pollution. *Noise Mapping*, **2019**, 6, 72-82	4.8	10
31	Associations between soundscape experience and self-reported wellbeing in open public urban spaces: a field study. *Lancet, The*, **2019**, 394, S17	40	10
30	A Psychoacoustic Investigation on the Effect of External Shading Devices on Building Facades. *Applied Sciences (Switzerland)*, **2016**, 6, 429	2.6	9
29	Designing Supportive Soundscapes for Nursing Home Residents with Dementia. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	9
28	Dimensions Underlying the Perceived Similarity of Acoustic Environments. *Frontiers in Psychology*, **2017**, 8, 1162	3.4	8
27	Psychological well-being and demographic factors can mediate soundscape pleasantness and eventfulness: A large sample study. *Journal of Environmental Psychology*, **2021**, 77, 101660	6.7	8
26	Acoustical planning for workplace health and well-being: A case study in four open-plan offices. *Building Acoustics*, **2019**, 26, 207-220	1	7
25	Introducing a Method for Intervals Correction on Multiple Likert Scales: A Case Study on an Urban Soundscape Data Collection Instrument. *Frontiers in Psychology*, **2020**, 11, 602831	3.4	7
24	Indoor soundscapes at home during the COVID-19 lockdown in London – Part II: A structural equation model for comfort, content, and well-being. *Applied Acoustics*, **2022**, 185, 108379	3.1	6
23	Ecological Validity of Immersive Virtual Reality (IVR) Techniques for the Perception of Urban Sound Environments. *Acoustics*, **2021**, 3, 11-24	2	5
22	Non-Participant Observation Methods for Soundscape Design and Urban Planning. *Advances in Civil and Industrial Engineering Book Series*, **2018**, 73-99	0.5	5
21	Positive health-related effects of perceiving urban soundscapes: a systematic review. *Lancet, The*, **2018**, 392, S3	40	5
20	On the relationship between land use and sound sources in the urban environment. *Journal of Urban Design*, **2020**, 25, 629-645	1.8	4

19	Application of a Prediction Model for Ambient Noise Levels and Acoustical Capacity for Living Rooms in Nursing Homes Hosting Older People with Dementia. *Applied Sciences (Switzerland)*, **2020**, 10, 4205	2.6	4
18	Sound Perception of Different Materials for the Footpaths of Urban Parks. *Energy Procedia*, **2015**, 78, 13-18	2.3	4
17	Measurements of Acoustical Parameters in the Ancient Open-Air Theatre of Tyndaris (Sicily, Italy). *Applied Sciences (Switzerland)*, **2020**, 10, 5680	2.6	4
16	Sound Environments in Large Public Buildings for Crowd Transit: A Systematic Review. *Applied Sciences (Switzerland)*, **2021**, 11, 3728	2.6	4
15	Investigating urban soundscapes of the COVID-19 lockdown: A predictive soundscape modeling approach.. *Journal of the Acoustical Society of America*, **2021**, 150, 4474	2.2	4
14	On the perception of Limited Traffic Zones as urban noise mitigation action. *Noise Mapping*, **2014**, 1,	4.8	3
13	Multilevel Annoyance Modelling of Short Environmental Sound Recordings. *Sustainability*, **2021**, 13, 5779	3.6	2
12	Recent Advances in Smellscape Research for the Built Environment. *Frontiers in Psychology*, **2021**, 12, 700514	3.4	2
11	Building Performance Evaluation of a New Hospital Building in the UK: Balancing Indoor Environmental Quality and Energy Performance. *Atmosphere*, **2021**, 12, 115	2.7	2
10	Relaxing and working from home: associations between heating, ventilation and cooling system typologies and indoor soundscape evaluation. *Journal of Physics: Conference Series*, **2021**, 2069, 012174	0.3	1
9	Associations between indoor soundscapes, building services and window opening behaviour during the COVID-19 lockdown.. *Building Services Engineering Research and Technology*, **2022**, 43, 225-240	2.3	1
8	Changes in the Soundscape of the Public Space Close to a Highway by a Noise Control Intervention. *Sustainability*, **2021**, 13, 5284	3.6	1
7	A Round Robin Test on the dynamic simulation and the LEED protocol evaluation of a green building. *Sustainable Cities and Society*, **2022**, 78, 103654	10.1	0
6	Acoustic environments and Soundscapes in London during the Spring 2020 Lockdown. *Journal of the Acoustical Society of America*, **2021**, 149, A27-A27	2.2	0
5	How to analyse and represent quantitative soundscape data. *JASA Express Letters*, **2022**, 2, 037201		0
4	Ten questions concerning soundscape valuation. *Building and Environment*, **2022**, 219, 109231	6.5	0
3	On the Opportunities of the Soundscape Approach to Revitalise Acoustics Training in Undergraduate Architectural Courses. *Sustainability*, **2022**, 14, 1957	3.6	
2	Influence of Soundscapes on Perception of Safety and Social Presence in an Open Public Space. *Advances in Civil and Industrial Engineering Book Series*, **2018**, 126-149	0.5	

1 Urban Soundscape Assessment by Visually Impaired People: First Methodological Approach in Granada (Spain). *Sustainability*, **2021**, 13, 13867 3.6