

# Louena Shtrepi

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

466  
citations

686830

13  
h-index

713013

21  
g-index

35  
all docs

35  
docs citations

35  
times ranked

318  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cross-Sectional Survey on the Impact of Irrelevant Speech Noise on Annoyance, Mental Health and Well-being, Performance and Occupants' Behavior in Shared and Open-Plan Offices. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 280.	1.2	60
2	Effect of outdoor noise and facade sound insulation on indoor acoustic environment of Italian schools. <i>Applied Acoustics</i> , 2017, 126, 120-130.	1.7	42
3	Objective and perceptual assessment of the scattered sound field in a simulated concert hall. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 1485-1497.	0.5	29
4	Effects of the Distance from a Diffusive Surface on the Objective and Perceptual Evaluation of the Sound Field in a Small Simulated Variable-Acoustics Hall. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 224.	1.3	28
5	Effect of facade shape and acoustic cladding on reduction of leisure noise levels in a street canyon. <i>Building and Environment</i> , 2019, 157, 242-256.	3.0	24
6	Objective and perceptual evaluation of distance-dependent scattered sound effects in a small variable-acoustics hall. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 3651-3662.	0.5	23
7	The Accuracy of Predicted Acoustical Parameters in Ancient Open-Air Theatres: A Case Study in Syracuse. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1393.	1.3	21
8	Evaluation of the influence of building facade design on the acoustic characteristics and auditory perception of urban spaces. <i>Building Acoustics</i> , 2018, 25, 77-95.	1.1	20
9	Characterization of the sound insulation properties of a two-layers lightweight concrete innovative facade. <i>Applied Acoustics</i> , 2019, 145, 267-277.	1.7	20
10	Improved Room Acoustics Quality in Meeting Rooms: Investigation on the Optimal Configurations of Sound-Absorptive and Sound-Diffusive Panels. <i>Acoustics</i> , 2020, 2, 451-473.	0.8	20
11	The modern use of ancient theatres related to acoustic and lighting requirements: Stage design guidelines for the Greek theatre of Syracuse. <i>Energy and Buildings</i> , 2015, 95, 106-115.	3.1	19
12	Investigation on the diffusive surface modeling detail in geometrical acoustics based simulations. <i>Journal of the Acoustical Society of America</i> , 2019, 145, EL215-EL221.	0.5	17
13	Measurements of Acoustical Parameters in the Ancient Open-Air Theatre of Tyndaris (Sicily, Italy). <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5680.	1.3	17
14	Towards a sustainable approach for sound absorption assessment of building materials: Validation of small-scale reverberation room measurements. <i>Applied Acoustics</i> , 2020, 165, 107304.	1.7	14
15	Remote Working in the COVID-19 Pandemic: Results From a Questionnaire on the Perceived Noise Annoyance. <i>Frontiers in Built Environment</i> , 2021, 7, .	1.2	14
16	On the ability to correlate perceived sound to urban space geometries. <i>Sustainable Cities and Society</i> , 2016, 27, 346-355.	5.1	13
17	The Effect of Soundscapes and Lightscapes on the Perception of Safety and Social Presence Analyzed in a Laboratory Experiment. <i>Sustainability</i> , 2019, 11, 3000.	1.6	13
18	Accuracy of the random-incidence scattering coefficient measurement. <i>Applied Acoustics</i> , 2016, 106, 23-35.	1.7	12

#	ARTICLE	IF	CITATIONS
19	Acoustic Performance-Based Design: A Brief Overview of the Opportunities and Limits in Current Practice. <i>Acoustics</i> , 2020, 2, 246-278.	0.8	12
20	Listeners Sensitivity to Different Locations of Diffusive Surfaces in Performance Spaces: The Case of a Shoebox Concert Hall. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4370.	1.3	9
21	More Than Just Concrete: Acoustically Efficient Porous Concrete with Different Aggregate Shape and Gradation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4835.	1.3	8
22	A thermal and acoustic co-simulation method for the multi-domain optimization of nearly zero energy buildings. <i>Journal of Building Engineering</i> , 2021, 40, 102699.	1.6	6
23	EDT, C80 and G Driven Auditorium Design. <i>Building Acoustics</i> , 2014, 21, 43-54.	1.1	5
24	Sensory evaluation of the sound of rolling office chairs: An exploratory study for sound design. <i>Applied Acoustics</i> , 2018, 130, 195-203.	1.7	5
25	The Influence of a Volume Scale-Factor on Scattering Coefficient Effects in Room Acoustics. <i>Building Acoustics</i> , 2014, 21, 153-166.	1.1	4
26	A performance-based optimization approach for diffusive surface topology design. <i>Building Acoustics</i> , 2021, 28, 231-247.	1.1	2
27	Geometrical Acoustic Simulation of Open-air Ancient Theatres: Investigation on the Appropriate Objective Parameters for Improved Accuracy. , 0, , .		2
28	Effects of Face Masks on Physiological Parameters and Voice Production during Cycling Activity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6491.	1.2	1
29	Influence of Soundscapes on Perception of Safety and Social Presence in an Open Public Space. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2018, , 126-149.	0.2	0
30	Investigations on the Influence of Auditory Perception on Urban Space Design Through Virtual Acoustics. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2018, , 344-367.	0.2	0