

Louena Shtrepi

List of Publications by Year in descending order

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docs citations

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318
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Face Masks on Physiological Parameters and Voice Production during Cycling Activity. International Journal of Environmental Research and Public Health, 2022, 19, 6491.	1.2	1
2	A performance-based optimization approach for diffusive surface topology design. Building Acoustics, 2021, 28, 231-247.	1.1	2
3	More Than Just Concrete: Acoustically Efficient Porous Concrete with Different Aggregate Shape and Gradation. Applied Sciences (Switzerland), 2021, 11, 4835.	1.3	8
4	A thermal and acoustic co-simulation method for the multi-domain optimization of nearly zero energy buildings. Journal of Building Engineering, 2021, 40, 102699.	1.6	6
5	Remote Working in the COVID-19 Pandemic: Results From a Questionnaire on the Perceived Noise Annoyance. Frontiers in Built Environment, 2021, 7, .	1.2	14
6	Improved Room Acoustics Quality in Meeting Rooms: Investigation on the Optimal Configurations of Sound-Absorptive and Sound-Diffusive Panels. Acoustics, 2020, 2, 451-473.	0.8	20
7	Listeners Sensitivity to Different Locations of Diffusive Surfaces in Performance Spaces: The Case of a Shoebox Concert Hall. Applied Sciences (Switzerland), 2020, 10, 4370.	1.3	9
8	Measurements of Acoustical Parameters in the Ancient Open-Air Theatre of Tyndaris (Sicily, Italy). Applied Sciences (Switzerland), 2020, 10, 5680.	1.3	17
9	Acoustic Performance-Based Design: A Brief Overview of the Opportunities and Limits in Current Practice. Acoustics, 2020, 2, 246-278.	0.8	12
10	Towards a sustainable approach for sound absorption assessment of building materials: Validation of small-scale reverberation room measurements. Applied Acoustics, 2020, 165, 107304.	1.7	14
11	The Effect of Soundscapes and Lightscapes on the Perception of Safety and Social Presence Analyzed in a Laboratory Experiment. Sustainability, 2019, 11, 3000.	1.6	13
12	Effect of facade shape and acoustic cladding on reduction of leisure noise levels in a street canyon. Building and Environment, 2019, 157, 242-256.	3.0	24
13	Investigation on the diffusive surface modeling detail in geometrical acoustics based simulations. Journal of the Acoustical Society of America, 2019, 145, EL215-EL221.	0.5	17
14	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. International Journal of Environmental Research and Public Health, 2019, 16, 280.	1.2	60
15	Characterization of the sound insulation properties of a two-layers lightweight concrete innovative facade. Applied Acoustics, 2019, 145, 267-277.	1.7	20
16	Sensory evaluation of the sound of rolling office chairs: An exploratory study for sound design. Applied Acoustics, 2018, 130, 195-203.	1.7	5
17	The Accuracy of Predicted Acoustical Parameters in Ancient Open-Air Theatres: A Case Study in Syracuse. Applied Sciences (Switzerland), 2018, 8, 1393.	1.3	21
18	Evaluation of the influence of building facade design on the acoustic characteristics and auditory perception of urban spaces. Building Acoustics, 2018, 25, 77-95.	1.1	20

#	ARTICLE	IF	CITATIONS
19	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.	0.2	0
20	Investigations on the Influence of Auditory Perception on Urban Space Design Through Virtual Acoustics. Advances in Civil and Industrial Engineering Book Series, 2018, , 344-367.	0.2	0
21	Effect of outdoor noise and façade sound insulation on indoor acoustic environment of Italian schools. Applied Acoustics, 2017, 126, 120-130.	1.7	42
22	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. Applied Sciences (Switzerland), 2017, 7, 224.	1.3	28
23	Objective and perceptual evaluation of distance-dependent scattered sound effects in a small variable-acoustics hall. Journal of the Acoustical Society of America, 2016, 140, 3651-3662.	0.5	23
24	On the ability to correlate perceived sound to urban space geometries. Sustainable Cities and Society, 2016, 27, 346-355.	5.1	13
25	Accuracy of the random-incidence scattering coefficient measurement. Applied Acoustics, 2016, 106, 23-35.	1.7	12
26	Objective and perceptual assessment of the scattered sound field in a simulated concert hall. Journal of the Acoustical Society of America, 2015, 138, 1485-1497.	0.5	29
27	The modern use of ancient theatres related to acoustic and lighting requirements: Stage design guidelines for the Greek theatre of Syracuse. Energy and Buildings, 2015, 95, 106-115.	3.1	19
28	EDT, C80 and G Driven Auditorium Design. Building Acoustics, 2014, 21, 43-54.	1.1	5
29	The Influence of a Volume Scale-Factor on Scattering Coefficient Effects in Room Acoustics. Building Acoustics, 2014, 21, 153-166.	1.1	4
30	Geometrical Acoustic Simulation of Open-air Ancient Theatres: Investigation on the Appropriate Objective Parameters for Improved Accuracy. , 0, , .		2