

Bard Delphine

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

205
citations

1163117

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times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustical Treatments on Ventilation Ducts through Walls: Experimental Results and Novel Models. <i>Acoustics</i> , 2022, 4, 276-296.	1.4	1
2	Prediction of Sound Insulation Using Artificial Neural Networksâ€”Part I: Lightweight Wooden Floor Structures. <i>Acoustics</i> , 2022, 4, 203-226.	1.4	8
3	Prediction of Sound Insulation Using Artificial Neural Networksâ€”Part II: Lightweight Wooden Façade Structures. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6983.	2.5	5
4	Historically Based Room Acoustic Analysis and Auralization of a Church in the 1470s. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1586.	2.5	7
5	A Speed-Variant Balancing Method for Flexible Rotary Machines Based on Acoustic Responses. <i>Sustainability</i> , 2021, 13, 7237.	3.2	1
6	The Difference in Subjective Experience Related to Acoustic Treatments in an Ordinary Public Room: A Case Study. <i>Acoustics</i> , 2021, 3, 442-461.	1.4	4
7	The Influence of Different Scattering Algorithms on Room Acoustic Simulations in Rectangular Rooms. <i>Buildings</i> , 2021, 11, 414.	3.1	3
8	Subjective Experience of Speech Depending on the Acoustic Treatment in an Ordinary Room. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12274.	2.6	5
9	Sound Reduction of Ventilation Ducts through Walls: Experimental Results and Updated Models. <i>Acoustics</i> , 2021, 3, 695-716.	1.4	5
10	Quantification of the Absorption and Scattering Effects of Diffusers in a Room with Absorbent Ceiling. <i>Buildings</i> , 2021, 11, 612.	3.1	2
11	The Effect on Room Acoustical Parameters Using a Combination of Absorbers and Diffusersâ€”An Experimental Study in a Classroom. <i>Acoustics</i> , 2020, 2, 505-523.	1.4	12
12	Calibration of the ISO tapping machine for finite-element prediction tool on a wooden-base floor. <i>Building Acoustics</i> , 2019, 26, 157-167.	1.9	5
13	Development of a Vibroacoustic Stochastic Finite Element Prediction Tool for a CLT Floor. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1106.	2.5	11
14	Acoustic Comfort Investigation in Residential Timber Buildings in Sweden. <i>Journal of Sustainable Architecture and Civil Engineering</i> , 2019, 24, 78-89.	0.5	8
15	Review of acoustic comfort evaluation in dwellingsâ€”part I: Associations of acoustic field data to subjective responses from building surveys. <i>Building Acoustics</i> , 2018, 25, 151-170.	1.9	58
16	Review of acoustic comfort evaluation in dwellings: Part IIIâ€”airborne sound data associated with subjective responses in laboratory tests. <i>Building Acoustics</i> , 2018, 25, 289-305.	1.9	16
17	Review of acoustic comfort evaluation in dwellings: part IIâ€”impact sound data associated with subjective responses in laboratory tests. <i>Building Acoustics</i> , 2018, 25, 171-192.	1.9	22
18	Numerical simulation of surface pressure fluctuations in transonic fence-like flows with high Reynolds number. <i>International Journal of Heat and Fluid Flow</i> , 2016, 58, 103-119.	2.4	0

#	ARTICLE	IF	CITATIONS
19	Methods of field measurements of facade sound insulation. Noise Control Engineering Journal, 2015, 63, 467-477.	0.3	3
20	Characterisation of an Elastomer for Noise and Vibration Insulation in Lightweight Timber Buildings. Building Acoustics, 2014, 21, 251-276.	1.9	9
21	Sound Insulation Descriptors in Europeâ€™Special Rules Complicate Harmonization within Lightweight Industry. Building Acoustics, 2010, 17, 277-290.	1.9	2
22	Modeling the polarization in ferroelectric materials: a novel analytical approach. Solid-State Electronics, 2003, 47, 1479-1486.	1.4	17