Bard Delphine

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6574949/publications.pdf

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22	205	1163117	1058476
papers	citations	8	14
		h-index	g-index

24	24	24	155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review of acoustic comfort evaluation in dwellingsâ€"part I: Associations of acoustic field data to subjective responses from building surveys. Building Acoustics, 2018, 25, 151-170.	1.9	58
2	Review of acoustic comfort evaluation in dwellings: part IIâ€"impact sound data associated with subjective responses in laboratory tests. Building Acoustics, 2018, 25, 171-192.	1.9	22
3	Modeling the polarization in ferroelectric materials: a novel analytical approach. Solid-State Electronics, 2003, 47, 1479-1486.	1.4	17
4	Review of acoustic comfort evaluation in dwellings: Part IIIâ€"airborne sound data associated with subjective responses in laboratory tests. Building Acoustics, 2018, 25, 289-305.	1.9	16
5	The Effect on Room Acoustical Parameters Using a Combination of Absorbers and Diffusersâ€"An Experimental Study in a Classroom. Acoustics, 2020, 2, 505-523.	1.4	12
6	Development of a Vibroacoustic Stochastic Finite Element Prediction Tool for a CLT Floor. Applied Sciences (Switzerland), 2019, 9, 1106.	2.5	11
7	Characterisation of an Elastomer for Noise and Vibration Insulation in Lightweight Timber Buildings. Building Acoustics, 2014, 21, 251-276.	1.9	9
8	Acoustic Comfort Investigation in Residential Timber Buildings in Sweden. Journal of Sustainable Architecture and Civil Engineering, 2019, 24, 78-89.	0.5	8
9	Prediction of Sound Insulation Using Artificial Neural Networksâ€"Part I: Lightweight Wooden Floor Structures. Acoustics, 2022, 4, 203-226.	1.4	8
10	Historically Based Room Acoustic Analysis and Auralization of a Church in the 1470s. Applied Sciences (Switzerland), 2021, 11, 1586.	2.5	7
11	Calibration of the ISO tapping machine for finite-element prediction tool on a wooden-base floor. Building Acoustics, 2019, 26, 157-167.	1.9	5
12	Subjective Experience of Speech Depending on the Acoustic Treatment in an Ordinary Room. International Journal of Environmental Research and Public Health, 2021, 18, 12274.	2.6	5
13	Sound Reduction of Ventilation Ducts through Walls: Experimental Results and Updated Models. Acoustics, 2021, 3, 695-716.	1.4	5
14	Prediction of Sound Insulation Using Artificial Neural Networksâ€"Part II: Lightweight Wooden FaÃ§ade Structures. Applied Sciences (Switzerland), 2022, 12, 6983.	2.5	5
15	The Difference in Subjective Experience Related to Acoustic Treatments in an Ordinary Public Room: A Case Study. Acoustics, 2021, 3, 442-461.	1.4	4
16	Methods of field measurements of facade sound insulation. Noise Control Engineering Journal, 2015, 63, 467-477.	0.3	3
17	The Influence of Different Scattering Algorithms on Room Acoustic Simulations in Rectangular Rooms. Buildings, 2021, 11, 414.	3.1	3
18	Sound Insulation Descriptors in Europeâ€"Special Rules Complicate Harmonization within Lightweight Industry. Building Acoustics, 2010, 17, 277-290.	1.9	2

#	Article	IF	Citations
19	Quantification of the Absorption and Scattering Effects of Diffusers in a Room with Absorbent Ceiling. Buildings, 2021, 11, 612.	3.1	2
20	A Speed-Variant Balancing Method for Flexible Rotary Machines Based on Acoustic Responses. Sustainability, 2021, 13, 7237.	3.2	1
21	Acoustical Treatments on Ventilation Ducts through Walls: Experimental Results and Novel Models. Acoustics, 2022, 4, 276-296.	1.4	1
22	Numerical simulation of surface pressure fluctuations in transonic fence-like flows with high Reynolds number. International Journal of Heat and Fluid Flow, 2016, 58, 103-119.	2.4	0