

Monika Rychtarikova

List of Publications by Year in descending order

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47
papers

837
citations

623699

14
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501174

28
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51
all docs

51
docs citations

51
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	A review into thermal comfort in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 26, 201-215.	16.4	235
2	Soundscape categorization on the basis of objective acoustical parameters. <i>Applied Acoustics</i> , 2013, 74, 240-247.	3.3	86
3	A Healthy, Energy-Efficient and Comfortable Indoor Environment, a Review. <i>Energies</i> , 2019, 12, 1414.	3.1	77
4	Does Music Influence the Multisensory Tasting Experience?. <i>Journal of Sensory Studies</i> , 2015, 30, 404-412.	1.6	58
5	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.	1.1	29
6	Perceived Loudness of Neighbour Sounds Heard Through Heavy and Light-Weight Walls with Equal <l>R</l><SUB>w</SUB> + <l>C</l><SUB>50</SUB><SUB>â€“</SUB><SUB>5000</SUB>. <i>Acta Acustica United With Acustica</i> , 2016, 102, 58-66.	0.8	29
7	Calculating the Optimum Reverberation Time and Absorption Coefficient for Good Speech Intelligibility in Classroom Design Using U50. <i>Acta Acustica United With Acustica</i> , 2011, 97, 93-102.	0.8	28
8	Using sound-taste correspondences to enhance the subjective value of tasting experiences. <i>Frontiers in Psychology</i> , 2015, 6, 1309.	2.1	26
9	Determining radiated sound power of building structures by means of laser Doppler vibrometry. <i>Journal of Sound and Vibration</i> , 2015, 346, 81-99.	3.9	25
10	Perceptual validation of virtual room acoustics: Sound localisation and speech understanding. <i>Applied Acoustics</i> , 2011, 72, 196-204.	3.3	23
11	Subjective and objective acoustic performance ranking of heavy and light weight walls. <i>Applied Acoustics</i> , 2016, 110, 268-279.	3.3	20
12	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.	6.7	19
13	Assessment of sound insulation of naturally ventilated double skin facades. <i>Building and Environment</i> , 2016, 110, 148-160.	6.9	19
14	Designing spaces for every listener. <i>Universal Access in the Information Society</i> , 2010, 9, 283-292.	3.0	14
15	Acoustic Comfort in Atria Covered by Novel Structural Skins. <i>Procedia Engineering</i> , 2016, 155, 361-368.	1.2	13
16	Assessment of the airborne sound insulation from mobility vibration measurements; a hybrid experimental numerical approach. <i>Journal of Sound and Vibration</i> , 2018, 432, 680-698.	3.9	12
17	Influence of panel fastening on the acoustic performance of light-weight building elements: Study by sound transmission and laser scanning vibrometry. <i>Journal of Sound and Vibration</i> , 2015, 346, 100-116.	3.9	11
18	Localization of a virtual wall by means of active echolocation by untrained sighted persons. <i>Applied Acoustics</i> , 2018, 139, 82-92.	3.3	10

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19	Audibility Thresholds of a Sound Reflection in a Classical Human Echolocation Experiment. Acta Acustica United With Acustica, 2016, 102, 530-539.	0.8	9
20	Effect of Mouth Mask and Face Shield on Speech Spectrum in Slovak Language. Applied Sciences (Switzerland), 2021, 11, 4829.	2.5	8
21	A global error estimator for the uncertainty of a multi-channel spectral analysis. Applied Acoustics, 2015, 87, 57-63.	3.3	7
22	Individual control as a new way to improve classroom acoustics: A simulation-based study. Applied Acoustics, 2021, 179, 108066.	3.3	7
23	Methodology for development of airborne sound insulation descriptor valid for light-weight and masonry walls. Applied Acoustics, 2020, 160, 107144.	3.3	6
24	The Influence of a Volume Scale-Factor on Scattering Coefficient Effects in Room Acoustics. Building Acoustics, 2014, 21, 153-166.	1.9	4
25	Analysis of the Acoustic Conditions in a Tent Structures. Energy Procedia, 2015, 78, 489-494.	1.8	4
26	Front-to-back localization in simulated rectangular rooms. Applied Acoustics, 2015, 90, 143-152.	3.3	4
27	Perception of acoustic comfort in large halls covered by transparent structural skins. Proceedings of Meetings on Acoustics, 2017, , .	0.3	4
28	Vibrometry Assessment of the External Thermal Composite Insulation Systems Influence on the Façade Airborne Sound Insulation. Applied Sciences (Switzerland), 2018, 8, 703.	2.5	4
29	The effect of acoustical treatment on primary school children's performance, sound perception, and influence assessment. E3S Web of Conferences, 2019, 111, 02046.	0.5	4
30	Reverberation time and audibility in phased geometrical acoustics using plane or spherical wave reflection coefficients. Journal of the Acoustical Society of America, 2019, 145, 2681-2690.	1.1	4
31	Sound Absorption Properties of Materials Based on Recycled Plastic Granule Mixtures. Slovak Journal of Civil Engineering, 2021, 29, 15-19.	0.5	4
32	Discrimination of 2D wall textures by passive echolocation for different reflected-to-direct level difference configurations. PLoS ONE, 2021, 16, e0251397.	2.5	4
33	Single Simulated Reflection Audibility Thresholds for Oral Sounds in Untrained Sighted People. Acta Acustica United With Acustica, 2017, 103, 492-505.	0.8	4
34	Synthesis of a Virtual Urban Soundscape. Buildings, 2014, 4, 139-154.	3.1	3
35	Converting sunlight into audible sound by means of the photoacoustic effect: The Heliophone. Journal of the Acoustical Society of America, 2016, 140, 1697-1706.	1.1	3
36	Acoustic Conditions in the Atrium of Slovak Philharmonic. Procedia Engineering, 2016, 155, 464-471.	1.2	2

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37	Optimisation of Design of Air Inlets in Air Distribution Channels of a Double-Skin Transparent Façade. Slovak Journal of Civil Engineering, 2017, 25, 1-11.	0.5	2
38	Perceived Loudness of Sound Transmitted through Light Weight and Heavy Weight Walls. Advanced Materials Research, 0, 649, 101-104.	0.3	1
39	The Importance of Audio-Visual Aspects in the Architectural Design of Psychiatric Clinics. Energy Procedia, 2015, 78, 1251-1256.	1.8	1
40	ArAc-Multibook of Architectural Acoustics. Energy Procedia, 2015, 78, 8-12.	1.8	1
41	The influence of profiled ceilings on sports hall acoustics: Ground effect predictions and scale model measurements. Applied Acoustics, 2018, 130, 156-167.	3.3	1
42	Prediction of noise levels in large shopping streets covered by glass and ETFE. Architectural Engineering and Design Management, 2021, 17, 326-333.	1.7	1
43	Acoustic Properties of Absorbing Materials. Applied Sciences (Switzerland), 2022, 12, 4446.	2.5	1
44	Architecture Indoor Environment as a Healing Factor of Depression and Seasonal Affective Disorder. Applied Mechanics and Materials, 2016, 824, 210-217.	0.2	0
45	Acoustics of naturally ventilated double transparent facades. Proceedings of Meetings on Acoustics, 2017, , .	0.3	0
46	INTRODUCTION TO HUMAN ECHOLOCATION: A WAY OF SEEING THE WORLD EVEN FOR VISUALLY IMPAIRED PEOPLE. Akustika, 2020, , 67-71.	0.1	0
47	The Sound of Inclusion: A Case Study on Acoustic Comfort for All. , 2008, , 75-84.		0