

Monika Rychtarikova

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

607
citations

14
h-index

24
g-index

51
ext. papers

718
ext. citations

2.8
avg, IF

4.1
L-index

#	Paper	IF	Citations
43	Sound Absorption Properties of Materials Based on Recycled Plastic Granule Mixtures. <i>Slovak Journal of Civil Engineering</i> , 2021 , 29, 15-19	0.9	1
42	Discrimination of 2D wall textures by passive echolocation for different reflected-to-direct level difference configurations. <i>PLoS ONE</i> , 2021 , 16, e0251397	3.7	0
41	Effect of Mouth Mask and Face Shield on Speech Spectrum in Slovak Language. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4829	2.6	2
40	Individual control as a new way to improve classroom acoustics: A simulation-based study. <i>Applied Acoustics</i> , 2021 , 179, 108066	3.1	1
39	Prediction of noise levels in large shopping streets covered by glass and ETFE. <i>Architectural Engineering and Design Management</i> , 2020 , 1-8	1.2	
38	Methodology for development of airborne sound insulation descriptor valid for light-weight and masonry walls. <i>Applied Acoustics</i> , 2020 , 160, 107144	3.1	2
37	A Healthy, Energy-Efficient and Comfortable Indoor Environment, a Review. <i>Energies</i> , 2019 , 12, 1414	3.1	43
36	Reverberation time and audibility in phased geometrical acoustics using plane or spherical wave reflection coefficients. <i>Journal of the Acoustical Society of America</i> , 2019 , 145, 2681	2.2	2
35	The effect of acoustical treatment on primary school children's performance, sound perception, and influence assessment. <i>E3S Web of Conferences</i> , 2019 , 111, 02046	0.5	3
34	Localization of a virtual wall by means of active echolocation by untrained sighted persons. <i>Applied Acoustics</i> , 2018 , 139, 82-92	3.1	6
33	The influence of profiled ceilings on sports hall acoustics: Ground effect predictions and scale model measurements. <i>Applied Acoustics</i> , 2018 , 130, 156-167	3.1	0
32	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	7
31	Vibrometry Assessment of the External Thermal Composite Insulation Systems Influence on the Façade Airborne Sound Insulation <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 703	2.6	4
30	Optimisation of Design of Air Inlets in Air Distribution Channels of a Double-Skin Transparent Façade. <i>Slovak Journal of Civil Engineering</i> , 2017 , 25, 1-11	0.9	2
29	Single Simulated Reflection Audibility Thresholds for Oral Sounds in Untrained Sighted People. <i>Acta Acustica United With Acustica</i> , 2017 , 103, 492-505	1.5	3
28	Assessment of sound insulation of naturally ventilated double skin facades. <i>Building and Environment</i> , 2016 , 110, 148-160	6.5	15
27	Architecture Indoor Environment as a Healing Factor of Depression and Seasonal Affective Disorder. <i>Applied Mechanics and Materials</i> , 2016 , 824, 210-217	0.3	

26	Perceived Loudness of Neighbour Sounds Heard Through Heavy and Light-Weight Walls with Equal Rw + C50B000. <i>Acta Acustica United With Acustica</i> , 2016 , 102, 58-66	1.5	21
25	Audibility Thresholds of a Sound Reflection in a Classical Human Echolocation Experiment. <i>Acta Acustica United With Acustica</i> , 2016 , 102, 530-539	1.5	6
24	Converting sunlight into audible sound by means of the photoacoustic effect: The Heliophone. <i>Journal of the Acoustical Society of America</i> , 2016 , 140, 1697	2.2	3
23	Subjective and objective acoustic performance ranking of heavy and light weight walls. <i>Applied Acoustics</i> , 2016 , 110, 268-279	3.1	15
22	Acoustic Comfort in Atria Covered by Novel Structural Skins. <i>Procedia Engineering</i> , 2016 , 155, 361-368		11
21	Acoustic Conditions in the Atrium of Slovak Philharmonic. <i>Procedia Engineering</i> , 2016 , 155, 464-471		2
20	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	7	15
19	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}		9
18	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	20
17	FrontBack localization in simulated rectangular rooms. <i>Applied Acoustics</i> , 2015 , 90, 143-152	3.1	2
16	A global error estimator for the uncertainty of a multi-channel spectral analysis. <i>Applied Acoustics</i> , 2015 , 87, 57-63	3.1	7
15	The Importance of Audio-Visual Aspects in the Architectural Design of Psychiatric Clinics. <i>Energy Procedia</i> , 2015 , 78, 1251-1256	2.3	1
14	ArAc-Multibook of Architectural Acoustics. <i>Energy Procedia</i> , 2015 , 78, 8-12	2.3	0
13	Analysis of the Acoustic Conditions in a Tent Structures. <i>Energy Procedia</i> , 2015 , 78, 489-494	2.3	4
12	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, 1485-97	2.2	26
11	Does Music Influence the Multisensory Tasting Experience?. <i>Journal of Sensory Studies</i> , 2015 , 30, 404-412.2		44
10	Using sound-taste correspondences to enhance the subjective value of tasting experiences. <i>Frontiers in Psychology</i> , 2015 , 6, 1309	3.4	20
9	The Influence of a Volume Scale-Factor on Scattering Coefficient Effects in Room Acoustics. <i>Building Acoustics</i> , 2014 , 21, 153-166	1	4

8	Synthesis of a Virtual Urban Soundscape. <i>Buildings</i> , 2014 , 4, 139-154	3.2	2
7	A review into thermal comfort in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 26, 201-215	6.2	171
6	Soundscape categorization on the basis of objective acoustical parameters. <i>Applied Acoustics</i> , 2013 , 74, 240-247	3.1	67
5	Perceived Loudness of Sound Transmitted through Light Weight and Heavy Weight Walls. <i>Advanced Materials Research</i> , 2013 , 649, 101-104	0.5	1
4	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	1.5	23
3	Perceptual validation of virtual room acoustics: Sound localisation and speech understanding. <i>Applied Acoustics</i> , 2011 , 72, 196-204	3.1	20
2	Designing spaces for every listener. <i>Universal Access in the Information Society</i> , 2010 , 9, 283-292	2.5	14
1	The Sound of Inclusion: A Case Study on Acoustic Comfort for All 2008 , 75-84		