

Monika Rychtarikova

List of Publications by Citations

Source: <https://exaly.com/author-pdf/324721/monika-rychtarikova-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	A review into thermal comfort in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 26, 201-215	6.2	171
42	Soundscape categorization on the basis of objective acoustical parameters. <i>Applied Acoustics</i> , 2013 , 74, 240-247	3.1	67
41	Does Music Influence the Multisensory Tasting Experience?. <i>Journal of Sensory Studies</i> , 2015 , 30, 404-412	2.2	44
40	A Healthy, Energy-Efficient and Comfortable Indoor Environment, a Review. <i>Energies</i> , 2019 , 12, 1414	3.1	43
39	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
38	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
37	Perceived Loudness of Neighbour Sounds Heard Through Heavy and Light-Weight Walls with Equal $R_w + C50$. <i>Acta Acustica United With Acustica</i> , 2016 , 102, 58-66	1.5	21
36	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
35	Using sound-taste correspondences to enhance the subjective value of tasting experiences. <i>Frontiers in Psychology</i> , 2015 , 6, 1309	3.4	20
34	Perceptual validation of virtual room acoustics: Sound localisation and speech understanding. <i>Applied Acoustics</i> , 2011 , 72, 196-204	3.1	20
33	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
32	Assessment of sound insulation of naturally ventilated double skin facades. <i>Building and Environment</i> , 2016 , 110, 148-160	6.5	15
31	Subjective and objective acoustic performance ranking of heavy and light weight walls. <i>Applied Acoustics</i> , 2016 , 110, 268-279	3.1	15
30	Designing spaces for every listener. <i>Universal Access in the Information Society</i> , 2010 , 9, 283-292	2.5	14
29	Acoustic Comfort in Atria Covered by Novel Structural Skins. <i>Procedia Engineering</i> , 2016 , 155, 361-368		11
28	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
27	A global error estimator for the uncertainty of a multi-channel spectral analysis. <i>Applied Acoustics</i> , 2015 , 87, 57-63	3.1	7

26	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
25	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
24	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
23	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
22	The Influence of a Volume Scale-Factor on Scattering Coefficient Effects in Room Acoustics. <i>Building Acoustics</i> , 2014 , 21, 153-166	1	4
21	Analysis of the Acoustic Conditions in a Tent Structures. <i>Energy Procedia</i> , 2015 , 78, 489-494	2.3	4
20	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
19	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
18	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
17	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
16	Front-Back localization in simulated rectangular rooms. <i>Applied Acoustics</i> , 2015 , 90, 143-152	3.1	2
15	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
14	Synthesis of a Virtual Urban Soundscape. <i>Buildings</i> , 2014 , 4, 139-154	3.2	2
13	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
12	Effect of Mouth Mask and Face Shield on Speech Spectrum in Slovak Language. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4829	2.6	2
11	Acoustic Conditions in the Atrium of Slovak Philharmonic. <i>Procedia Engineering</i> , 2016 , 155, 464-471		2
10	The Importance of Audio-Visual Aspects in the Architectural Design of Psychiatric Clinics. <i>Energy Procedia</i> , 2015 , 78, 1251-1256	2.3	1
9	Perceived Loudness of Sound Transmitted through Light Weight and Heavy Weight Walls. <i>Advanced Materials Research</i> , 2013 , 649, 101-104	0.5	1

8	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
7	Individual control as a new way to improve classroom acoustics: A simulation-based study. <i>Applied Acoustics</i> , 2021 , 179, 108066	3.1	1
6	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
5	ArAc-Multibook of Architectural Acoustics. <i>Energy Procedia</i> , 2015 , 78, 8-12	2.3	0
4	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
3	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	
2	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	
1	The Sound of Inclusion: A Case Study on Acoustic Comfort for All 2008 , 75-84		