A Pereira

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6856216/publications.pdf

Version: 2024-02-01

24	207	933447 10	1058476 14
papers	citations	h-index	g-index

25	25	25	191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction of airborne sound and impact sound insulation provided by single and multilayer systems using analytical expressions. Applied Acoustics, 2007, 68, 17-42.	3.3	31
2	Thermal and sound insulation of lightweight steel-framed faÃ§ade walls. Science and Technology for the Built Environment, 2019, 25, 156-176.	1.7	25
3	Assessment of a simplified experimental procedure to evaluate impact sound reduction of floor coverings. Applied Acoustics, 2014, 79, 92-103.	3.3	17
4	Frequency domain analysis of acoustic wave propagation in heterogeneous media considering iterative coupling procedures between the method of fundamental solutions and Kansa's method. International Journal for Numerical Methods in Engineering, 2012, 89, 914-938.	2.8	15
5	A coupled MFSâ€“FEM model for 2-D dynamic soilâ€“structure interaction in the frequency domain. Computers and Structures, 2013, 129, 74-85.	4.4	15
6	Efficient numerical models for the prediction of acoustic wave propagation in the vicinity of a wedge coastal region. Engineering Analysis With Boundary Elements, 2011, 35, 855-867.	3.7	14
7	On the use of a small-sized acoustic chamber for the analysis of impact sound reduction by floor coverings. Noise Control Engineering Journal, 2010, 58, .	0.3	12
8	2.5D BEM modeling of underwater sound scattering in the presence of a slippage interface separating two flat layered regions. Wave Motion, 2010, 47, 676-692.	2.0	12
9	SOME OBSERVATIONS ON THE BEHAVIOR OF THE METHOD OF FUNDAMENTAL SOLUTIONS IN 3D ACOUSTIC PROBLEMS. International Journal of Computational Methods, 2012, 09, 1250049.	1.3	12
10	PREDICTION OF ACOUSTIC WAVE PROPAGATION IN A SHALLOW WATER CONFIGURATION USING THE METHOD OF FUNDAMENTAL SOLUTIONS. Journal of Computational Acoustics, 2012, 20, 1250013.	1.0	10
11	Assessment of health and comfort criteria in a life cycle social context: Application to buildings for higher education. Building and Environment, 2017, 123, 625-648.	6.9	10
12	The acoustic behavior of concrete resonators incorporating absorbing materials. Noise Control Engineering Journal, 2010, 58, 27.	0.3	8
13	Influence of the cross-section geometry of a cylindrical solid submerged in an acoustic medium on wave propagation. Wave Motion, 2002, 36, 23-39.	2.0	7
14	An Efficient MFS Formulation for the Analysis of Acoustic Scattering by Periodic Structures. Journal of Theoretical and Computational Acoustics, 2018, 26, 1850003.	1.1	4
15	Correlation between objective and subjective assessment of noise barriers. Applied Acoustics, 2021, 172, 107640.	3.3	4
16	Comparative life cycle social assessment of buildings: health and comfort criterion. Materiaux Et Techniques, 2016, 104, 601.	0.9	3
17	A Hybrid Analytical-Numerical Model Based on the Method of Fundamental Solutions for the Analysis of Sound Scattering by Buried Shell Structures. Mathematical Problems in Engineering, 2011, 2011, 1-22.	1.1	2
18	Acoustic behavior of high acoustic performance window glazing. Noise Control Engineering Journal, 2013, 61, 320-329.	0.3	2

#	Article	IF	Citations
19	Iterative coupling between the MFS and Kansaâ€™s method for acoustic problems. WIT Transactions on Modelling and Simulation, 2013, , .	0.0	2
20	Analysis of airborne sound insulation and impact sound pressure level provided by a single partition containing a heterogeneity. Journal of Sound and Vibration, 2007, 300, 800-816.	3.9	1
21	Evaluation of Impact Noise Reduction Using a Small-Sized Acoustic Chamber. Noise and Vibration Worldwide, 2012, 43, 11-16.	1.0	1
22	Damage Detection on Timber Floorsâ€™ Supports through Dynamic Analysis. International Journal of Architectural Heritage, 0, , 1-10.	3.1	0
23	An Efficient MFS Formulation for the Analysis of Acoustic Scattering by Periodic Structures. Journal of Computational Acoustics, 0, , 1850003.	1.0	0
24	3D Analysis of the Sound Reduction Provided by Protective Surfaces Around a Noise Source. International Journal of Acoustics and Vibrations, 2014, 19, .	0.3	0