Eric BrandÃ£o

List of Publications by Year
in descending order

14 papers	167 citations	1307594 7 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	110 citing authors

#	Article	IF	Citations
1	A Review of the <I>In Situ</I> Impedance and Sound Absorption Measurement Techniques. Acta Acustica United With Acustica, 2015, 101, 443-463.	0.8	54
2	Estimation and minimization of errors caused by sample size effect in the measurement of the normal absorption coefficient of a locally reactive surface. Applied Acoustics, 2012, 73, 543-556.	3.3	25
3	A Comparison of Three Methods to Calculate the Surface Impedance and Absorption Coefficient from Measurements Under Free Field or in situ Conditions. Acta Acustica United With Acustica, 2011, 97, 1025-1033.	0.8	20
4	Impedance measurement of non-locally reactive samples and the influence of the assumption of local reaction. Journal of the Acoustical Society of America, 2013, 133, 2722-2731.	1.1	20
5	Modeling of acoustic porous material absorber using rigid multiple micro-ducts network: Validation of the proposed model. Journal of Sound and Vibration, 2019, 443, 376-396.	3.9	17
6	Estimation of pressure-particle velocity impedance measurement uncertainty using the Monte Carlo method. Journal of the Acoustical Society of America, 2011, 130, EL25-EL31.	1.1	8
7	On the performance investigation of distinct algorithms for room acoustics simulation. Applied Acoustics, 2022, 187, 108484.	3.3	8
8	Assessing the sound directivity of ducts based on time delay spectrometry. Applied Acoustics, 2013, 74, 1221-1225.	3.3	4
9	Analysis of the sound field above finite absorbers in the wave-number domain. Journal of the Acoustical Society of America, 2022, 151, 3019-3030.	1.1	4
10	Prediction of sound absorption in rigid porous media with the lattice Boltzmann method. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 065501.	2.1	3
11	Direct discrete complex image method for sound field evaluation above a non-locally reacting layer. Journal of the Acoustical Society of America, 2021, 150, 3509-3520.	1.1	3
12	A ray tracing engine integrated with Blender and with uncertainty estimation: Description and initial results. Building Acoustics, 2021, 28, 99-118.	1.9	1
13	Evaluation of the crossover frequency based on the analysis of room transfer functions through statistical estimators. Applied Acoustics, 2020, 164, 107247.	3.3	0
14	Aplicabilidade de modelos analÃticos para projetos de salas nÃ£o retangulares na faixa de baixas frequÃªncias. Ambiente ConstruÃdo, 2022, 22, 177-191.	0.4	0