

Eric Brandão

List of Publications by Year in descending order

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Version: 2024-02-01

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