Jesus Carbajo

List of Publications by Year
in descending order

14	219	1040056 9	1058476 14
papers	citations	h-index	g-index

14	14	14	197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Use of Perforated Sound Absorption Systems for Variable Acoustics Room Design. Buildings, 2021, 11, 543.	3.1	5
2	Multi-layer perforated panel absorbers with oblique perforations. Applied Acoustics, 2020, 169, 107496.	3.3	13
3	Sound absorption of acoustic resonators with oblique perforations. Applied Physics Letters, 2020, 116, .	3.3	27
4	A non-parametric fluid-equivalent approach for the acoustic characterization of rigid porous materials. Applied Mathematical Modelling, 2019, 76, 330-347.	4.2	3
5	Use of Non-Linear Ultrasonic Techniques to Detect Cracks Due to Steel Corrosion in Reinforced Concrete Structures. Materials, 2019, 12, 813.	2.9	29
6	Perforated panel absorbers with micro-perforated partitions. Applied Acoustics, 2019, 149, 108-113.	3.3	29
7	Acoustic behavior of porous concrete. Characterization by experimental and inversion methods. Materiales De Construccion, 2019, 69, 202.	0.7	12
8	Assessment of methods to study the acoustic properties of heterogeneous perforated panel absorbers. Applied Acoustics, 2018, 133, 1-7.	3.3	14
9	Modeling of grooved acoustic panels. Applied Acoustics, 2017, 120, 9-14.	3.3	4
10	Acoustic modeling of perforated concrete using the dual porosity theory. Applied Acoustics, 2017, 115, 150-157.	3.3	18
11	3D numerical modelling of acoustic horns using the method of fundamental solutions. Engineering Analysis With Boundary Elements, 2015, 51, 64-73.	3.7	7
12	A finite element model of perforated panel absorbers including viscothermal effects. Applied Acoustics, 2015, 90, 1-8.	3.3	29
13	Acoustic properties of porous concrete made from arlite and vermiculite lightweight aggregates. Materiales De Construccion, 2015, 65, e072.	0.7	22
14	A Numerical MFS Model for Computational Analysis of Acoustic Horns. Acta Acustica United With Acustica, 2012, 98, 916-927.	0.8	7