Chao Shen

List of Publications by Year
in descending order

11	299	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On acoustic absorption mechanisms of multiple coupled quarter-wavelength resonators: Mutual impedance effects. Journal of Sound and Vibration, 2021, 508, 116202.	3.9	9
2	Analytical modelling of sound transmission loss across finite clamped triple-wall sandwich panels in the presence of external mean flow. Applied Mathematical Modelling, 2019, 73, 146-165.	4.2	9
3	Topology optimization of three-phase interpolation models in Darcy-stokes flow. Structural and Multidisciplinary Optimization, 2018, 57, 1663-1677.	3.5	8
4	Effects of external and air gap flows on sound transmission through finite clamped double-panel sandwich structures. Composite Structures, 2018, 203, 286-299.	5.8	11
5	Analytical modelling of sound transmission through finite clamped double-wall sandwich panels lined with poroelastic materials. Composite Structures, 2017, 172, 359-373.	5.8	39
6	External mean flow influence on sound transmission through finite clamped double-wall sandwich panels. Journal of Sound and Vibration, 2017, 405, 269-286.	3.9	20
7	Comparison of various algorithms for improving acoustic attenuation performance and flow characteristic of reactive mufflers. Applied Acoustics, 2017, 116, 291-296.	3.3	16
8	Analytical modelling of acoustic transmission across double-wall sandwich shells: Effect of an air gap flow. Composite Structures, 2016, 136, 149-161.	5.8	41
9	Diffuse field sound transmission through sandwich composite cylindrical shells with poroelastic core and external mean flow. Composite Structures, 2016, 135, 383-396.	5.8	54
10	Effects of external and gap mean flows on sound transmission through a double-wall sandwich panel. Journal of Sound and Vibration, 2015, 344, 399-415.	3.9	44
11	Sound transmission through triple-panel structures lined with poroelastic materials. Journal of Sound and Vibration, 2015, 339, 376-395.	3.9	48