

# Chao Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1016814/publications.pdf>

Version: 2024-02-01

11  
papers

299  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

151  
citing authors

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