

Vivien Denis

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

382
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement and modelling of the reflection coefficient of an Acoustic Black Hole termination. <i>Journal of Sound and Vibration</i> , 2015, 349, 67-79.	3.9	96
2	Modal Overlap Factor of a beam with an acoustic black hole termination. <i>Journal of Sound and Vibration</i> , 2014, 333, 2475-2488.	3.9	77
3	Improvement of the acoustic black hole effect by using energy transfer due to geometric nonlinearity. <i>International Journal of Non-Linear Mechanics</i> , 2017, 94, 134-145.	2.6	60
4	Identification of nonlinear modes using phase-locked-loop experimental continuation and normal form. <i>Mechanical Systems and Signal Processing</i> , 2018, 106, 430-452.	8.0	53
5	Scattering effects induced by imperfections on an acoustic black hole placed at a structural waveguide termination. <i>Journal of Sound and Vibration</i> , 2016, 362, 56-71.	3.9	46
6	Prediction of flow induced sound and vibration of periodically stiffened plates. <i>Journal of the Acoustical Society of America</i> , 2013, 133, 146-160.	1.1	25
7	A wave-based optimization approach of curved joints for improved defect detection in waveguide assemblies. <i>Journal of Sound and Vibration</i> , 2020, 465, 115003.	3.9	8
8	Effects of internal resonances in the pitch glide of Chinese gongs. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 431-442.	1.1	7
9	Sensitivity and Efficiency of the Frequency Shift Coefficient Based on the Damage Identification Algorithm: Modeling Uncertainty on Natural Frequencies. <i>Vibration</i> , 2022, 5, 59-79.	1.9	6
10	A Novel VBSHM Strategy to Identify Geometrical Damage Properties Using Only Frequency Changes and Damage Library. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8717.	2.5	4