

Riccardo Zamponi

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

216
citations

1163117

8
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	On the role of turbulence distortion on leading-edge noise reduction by means of porosity. Journal of Sound and Vibration, 2020, 485, 115561.	3.9	58
2	Integration methods for distributed sound sources. International Journal of Aeroacoustics, 2019, 18, 444-469.	1.3	40
3	Experimental investigation of turbulent coherent structures interacting with a porous airfoil. Experiments in Fluids, 2021, 62, 1.	2.4	20
4	Assessment of the accuracy of microphone array methods for aeroacoustic measurements. Journal of Sound and Vibration, 2020, 470, 115176.	3.9	18
5	Rapid distortion theory of turbulent flow around a porous cylinder. Journal of Fluid Mechanics, 2021, 915, .	3.4	18
6	Experimental Investigation of Airfoil Turbulence-Impingement Noise Reduction Using Porous Treatment. , 2019, , .		17
7	Jet-installation noise reduction with flow-permeable materials. Journal of Sound and Vibration, 2021, 498, 115959.	3.9	13
8	Sound localization and quantification analysis of an automotive engine cooling module. Journal of Sound and Vibration, 2022, 517, 116534.	3.9	10
9	3D Generalized Inverse Beamforming in wind tunnel aeroacoustic testing: application to a Counter Rotating Open Rotor aircraft model. Applied Acoustics, 2020, 163, 107229.	3.3	8
10	Benchmark Assessment of an Improved Regularization Technique for Generalized Inverse Beamforming. , 2018, , .		5
11	Development of a didactic demonstrator for flow-induced noise mechanisms and mitigation technologies. Journal of the Acoustical Society of America, 2022, 151, 898-910.	1.1	4
12	On the Aerodynamic-Noise Sources in a Circular Cylinder Coated with Porous Materials. , 2022, , .		2
13	Experimental Analysis of the Sound Radiated by an Automotive Cooling Module Working at Different Operational Conditions. , 2020, , .		1
14	Localization and characterization of rotating noise sources on axial fans by means of an irregularly shaped microphone array. Journal of Physics: Conference Series, 2021, 1909, 012003.	0.4	1
15	Experimental and Analytical Investigation of the Distortion of Turbulence Interacting with a Porous Airfoil. , 2021, , .		1
16	Development of the SmartAnswer Demonstrator: a Didactic Wind Tunnel for Aeroacoustic Applications. , 2022, , .		0
17	Investigation of Curle's Dipolar Sources on a Porous Airfoil Interacting with Incoming Turbulence. , 2022, , .		0
18	Jet-Installation Noise Reduction with Permeable Flaps at In-Flight Conditions. , 2022, , .		0