

# Riccardo Zamponi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/82573/publications.pdf>

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	Sound localization and quantification analysis of an automotive engine cooling module. Journal of Sound and Vibration, 2022, 517, 116534.	3.9	10
2	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
3	Development of the SmartAnswer Demonstrator: a Didactic Wind Tunnel for Aeroacoustic Applications. , 2022, , .		0
4	Investigation of Curle's Dipolar Sources on a Porous Airfoil Interacting with Incoming Turbulence. , 2022, , .		0
5	Jet-Installation Noise Reduction with Permeable Flaps at In-Flight Conditions. , 2022, , .		0
6	On the Aerodynamic-Noise Sources in a Circular Cylinder Coated with Porous Materials. , 2022, , .		2
7	Rapid distortion theory of turbulent flow around a porous cylinder. Journal of Fluid Mechanics, 2021, 915, .	3.4	18
8	Jet-installation noise reduction with flow-permeable materials. Journal of Sound and Vibration, 2021, 498, 115959.	3.9	13
9	Experimental investigation of turbulent coherent structures interacting with a porous airfoil. Experiments in Fluids, 2021, 62, 1.	2.4	20
10	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
11	Experimental and Analytical Investigation of the Distortion of Turbulence Interacting with a Porous Airfoil. , 2021, , .		1
12	Assessment of the accuracy of microphone array methods for aeroacoustic measurements. Journal of Sound and Vibration, 2020, 470, 115176.	3.9	18
13	Experimental Analysis of the Sound Radiated by an Automotive Cooling Module Working at Different Operational Conditions. , 2020, , .		1
14	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
15	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
16	Integration methods for distributed sound sources. International Journal of Aeroacoustics, 2019, 18, 444-469.	1.3	40
17	Experimental Investigation of Airfoil Turbulence-Impingement Noise Reduction Using Porous Treatment. , 2019, , .		17
18	Benchmark Assessment of an Improved Regularization Technique for Generalized Inverse Beamforming. , 2018, , .		5