

Stefano Meloni

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

134
citations

1307594

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1281871

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all docs

19
docs citations

19
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental analysis of an under-expanded jet interacting with a tangential flat plate: Flow visualizations and wall pressure statistics. <i>Experimental Thermal and Fluid Science</i> , 2022, 130, 110474.	2.7	5
2	Intermittency and Stochastic Modeling of Low- and High-Reynolds-Number Compressible Jets. <i>AIAA Journal</i> , 2022, 60, 1983-1990.	2.6	5
3	A Wavelet-Based Time-Frequency Analysis on the Supersonic Jet Noise Features with Chevrons. <i>Fluids</i> , 2022, 7, 108.	1.7	9
4	Evaluation of Turbulent Jet Characteristic Scales Using Joint Statistical Moments and an Adaptive Time-Frequency Analysis. <i>Fluids</i> , 2022, 7, 125.	1.7	1
5	On the effect of inflow distortions of propeller noise. , 2022, , .		3
6	Under-expanded jet noise prediction using surrogate models based on artificial neural networks. , 2022, , .		2
7	A Multi-Objective Optimization of a Wave-Packet Model Using Near-Field Subsonic Jet Data. , 2022, , .		2
8	Intermittent and stochastic characteristics of slat tones. <i>Physics of Fluids</i> , 2021, 33, .	4.0	16
9	An experimental investigation on the unsteady pressure field induced by an installed jet in supersonic flow conditions. , 2021, , .		1
10	Experimental Investigation on the Jet Noise Sources for Chevron Nozzles in Under-expanded Condition. , 2021, , .		5
11	On the Application of Wavelet Transform in Jet Aeroacoustics. <i>Fluids</i> , 2021, 6, 299.	1.7	12
12	An experimental investigation into model-scale installed jetâ€‘pylonâ€‘wing noise. <i>Journal of Fluid Mechanics</i> , 2021, 929, .	3.4	9
13	Single and Multivariate Statistics of Jet-Induced Pressure Fluctuations over an Infinite Plate. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4605.	2.5	1
14	Experimental investigation of jet-induced wall pressure fluctuations over a tangential flat plate at two Reynolds numbers. <i>Scientific Reports</i> , 2020, 10, 9140.	3.3	6
15	Wall pressure fluctuations induced by a single stream jet over a semi-finite plate. <i>International Journal of Aeroacoustics</i> , 2020, 19, 240-253.	1.3	10
16	Wall-Pressure Fluctuations Induced by a Compressible Jet in Installed Configuration. <i>AIAA Journal</i> , 2020, 58, 2991-3000.	2.6	14
17	Wall-pressure fluctuations induced by a compressible jet flow over a flat plate at different Mach numbers. <i>Experiments in Fluids</i> , 2019, 60, 1.	2.4	24
18	Parametric characterization of wall pressure fluctuations induced by a compressible jet flow interacting with a flat plate. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
19	Jet noise sources for chevron nozzles in under-expanded condition. International Journal of Aeroacoustics, 0, , 1475472X2211017.	1.3	3