

Giovanni Lacagnina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6242018/publications.pdf>

Version: 2024-02-01

13
papers

150
citations

1307594

7
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerodynamic and Aeroacoustic Optimization of Leading-Edge Undulation of a NACA 65(12)-10 Airfoil. AIAA Journal, 2022, 60, 2342-2353.	2.6	4
2	Leading edge serrations for the reduction of aerofoil self-noise at low angle of attack, pre-stall and post-stall conditions. International Journal of Aeroacoustics, 2021, 20, 130-156.	1.3	11
3	On the manipulation of flow and acoustic fields of a blunt trailing edge aerofoil by serrated leading edges. Journal of the Acoustical Society of America, 2020, 147, 3932-3947.	1.1	14
4	Mechanisms of airfoil noise near stall conditions. Physical Review Fluids, 2019, 4, .	2.5	23
5	A wind tunnel study of the wake development behind wind turbines over sinusoidal hills. Wind Energy, 2018, 21, 605-617.	4.2	26
6	Airfoil Self-Noise Reduction Using Fractal-Serrated Trailing Edge. , 2018, , .		3
7	Effect of Leading Edge serrations in reducing aerofoil noise near stall conditions. , 2018, , .		2
8	Experimental study on the forcing design for an intermittent injection. Experiments in Fluids, 2018, 59, 1.	2.4	0
9	Leading edge serrations for the reduction of aerofoil separation self-noise. , 2017, , .		2
10	PIV investigations on optical magnification and small scales in the near-field of an orifice jet. Experiments in Fluids, 2015, 56, 1.	2.4	10
11	Aeroacoustics and aerodynamics of impinging supersonic jets: Analysis of the screech tones. Physics of Fluids, 2013, 25, .	4.0	13
12	Analysis of the Characteristic Acoustic Tones of an Impinging Jet. , 2013, , .		1
13	Simultaneous size and velocity measurements of cavitating microbubbles using interferometric laser imaging. Experiments in Fluids, 2011, 50, 1153-1167.	2.4	41