

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