

Gaetano Iuso

List of Publications by Year in descending order

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20
papers

371
citations

1040056

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all docs

20
docs citations

20
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Wall bounded flows manipulation using sinusoidal riblets. , 2022, , .		0
2	Genetic Algorithm-based control of the wake of a bluff body. Journal of Physics: Conference Series, 2022, 2293, 012016.	0.4	1
3	Drag reduction in a turbulent boundary layer with sinusoidal riblets. Experimental Thermal and Fluid Science, 2022, 139, 110723.	2.7	8
4	An Experimental-Numerical Investigation of the Wake Structure of a Hovering Rotor by PIV Combined with a Γ^2 Vortex Detection Criterion. Energies, 2021, 14, 2613.	3.1	10
5	Active Flow Control on a Square-Back Road Vehicle. Fluids, 2020, 5, 55.	1.7	9
6	Stochastic estimation of cavity shear layer and fully developed turbulent channel flows: linear and non linear multi-time-delay analyses. , 2014, , .		0
7	Multi-time delay, multi-point linear stochastic estimation of a cavity shear layer velocity from wall-pressure measurements. Physics of Fluids, 2013, 25, 017101.	4.0	28
8	Effects of a trapped vortex cell on a thick wing airfoil. Experiments in Fluids, 2011, 51, 1369-1384.	2.4	22
9	Virtual Shaping on NACA 0015 by Means of a High Momentum Coefficient Synthetic Jet. International Journal of Flow Control, 2011, 3, 255-276.	0.4	5
10	Spanwise Directed Synthetic Jets for Wall Turbulence Control. , 2008, , .		2
11	On the near field of an axisymmetric synthetic jet. Fluid Dynamics Research, 2007, 39, 673-693.	1.3	40
12	On large-scale vortical structures produced by a yawed synthetic jet - turbulent boundary layer interaction. , 2006, , .		2
13	Anisotropic fluctuations in turbulent shear flows. Physics of Fluids, 2004, 16, 4135-4142.	4.0	21
14	Velocity streak structure modifications induced by flow manipulation. Physics of Fluids, 2003, 15, 2602-2612.	4.0	18
15	Particle image velocimetry investigation of a turbulent boundary layer manipulated by spanwise wall oscillations. Journal of Fluid Mechanics, 2002, 467, 41-56.	3.4	58
16	Wall turbulence manipulation by large-scale streamwise vortices. Journal of Fluid Mechanics, 2002, 473, 23-58.	3.4	42
17	POD Investigation of Near-Wall Turbulent Structures. , 2002, , .		1
18	Probability density function and ϵ^+ and ϵ^- structure functions in a turbulent channel flow. Physical Review E, 2001, 63, 025302.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Small scale intermittency and bursting in a turbulent channel flow. Physical Review E, 2000, 61, 1447-1454.	2.1	70
20	Design, test and validation of a probe for time-resolved measurement of skin friction. Measurement Science and Technology, 1999, 10, 631-639.	2.6	30