

Gaetano Iuso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6287129/publications.pdf>

Version: 2024-02-01

20
papers

371
citations

1040056

9
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Small scale intermittency and bursting in a turbulent channel flow. <i>Physical Review E</i> , 2000, 61, 1447-1454.	2.1	70
2	Particle image velocimetry investigation of a turbulent boundary layer manipulated by spanwise wall oscillations. <i>Journal of Fluid Mechanics</i> , 2002, 467, 41-56.	3.4	58
3	Wall turbulence manipulation by large-scale streamwise vortices. <i>Journal of Fluid Mechanics</i> , 2002, 473, 23-58.	3.4	42
4	On the near field of an axisymmetric synthetic jet. <i>Fluid Dynamics Research</i> , 2007, 39, 673-693.	1.3	40
5	Design, test and validation of a probe for time-resolved measurement of skin friction. <i>Measurement Science and Technology</i> , 1999, 10, 631-639.	2.6	30
6	Multi-time delay, multi-point linear stochastic estimation of a cavity shear layer velocity from wall-pressure measurements. <i>Physics of Fluids</i> , 2013, 25, 017101.	4.0	28
7	Effects of a trapped vortex cell on a thick wing airfoil. <i>Experiments in Fluids</i> , 2011, 51, 1369-1384.	2.4	22
8	Anisotropic fluctuations in turbulent shear flows. <i>Physics of Fluids</i> , 2004, 16, 4135-4142.	4.0	21
9	Velocity streak structure modifications induced by flow manipulation. <i>Physics of Fluids</i> , 2003, 15, 2602-2612.	4.0	18
10	An Experimental-Numerical Investigation of the Wake Structure of a Hovering Rotor by PIV Combined with a \hat{I}^2 Vortex Detection Criterion. <i>Energies</i> , 2021, 14, 2613.	3.1	10
11	Active Flow Control on a Square-Back Road Vehicle. <i>Fluids</i> , 2020, 5, 55.	1.7	9
12	Drag reduction in a turbulent boundary layer with sinusoidal riblets. <i>Experimental Thermal and Fluid Science</i> , 2022, 139, 110723.	2.7	8
13	Virtual Shaping on NACA 0015 by Means of a High Momentum Coefficient Synthetic Jet. <i>International Journal of Flow Control</i> , 2011, 3, 255-276.	0.4	5
14	Probability density function and ϵ^+ and ϵ^- structure functions in a turbulent channel flow. <i>Physical Review E</i> , 2001, 63, 025302.	2.1	4
15	On large-scale vortical structures produced by a yawed synthetic jet - turbulent boundary layer interaction. , 2006, , .		2
16	Spanwise Directed Synthetic Jets for Wall Turbulence Control. , 2008, , .		2
17	POD Investigation of Near-Wall Turbulent Structures. , 2002, , .		1
18	Genetic Algorithm-based control of the wake of a bluff body. <i>Journal of Physics: Conference Series</i> , 2022, 2293, 012016.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Stochastic estimation of cavity shear layer and fully developed turbulent channel flows: linear and non linear multi-time-delay analyses. , 2014, , .		0
20	Wall bounded flows manipulation using sinusoidal riblets. , 2022, , .		0