

Fabrizio De Gregorio

List of Publications by Year in descending order

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17
papers

145
citations

1478505

6
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive PIV measurement campaign on a fully equipped helicopter model. Experiments in Fluids, 2012, 53, 37-49.	2.4	31
2	Effects of a trapped vortex cell on a thick wing airfoil. Experiments in Fluids, 2011, 51, 1369-1384.	2.4	22
3	Flow field characterization and interactional aerodynamics analysis of a complete helicopter. Aerospace Science and Technology, 2012, 19, 19-36.	4.8	19
4	Presentation of Flow Field Investigation by PIV on a Full-Scale Car in the Pininfarina Wind Tunnel. , 2000, , .		18
5	Free compressible jet investigation. Experiments in Fluids, 2014, 55, 1.	2.4	11
6	Vortex detection criteria assessment for PIV data in rotorcraft applications. Experiments in Fluids, 2020, 61, 1.	2.4	11
7	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
8	Active control of separated flow over 2D back-facing ramp by an array of finite-span slotted synthetic jets. Experimental Thermal and Fluid Science, 2021, 129, 110475.	2.7	6
9	Peak locking full characterization: PIV error assessment and velocity ensembles measurement correction. Measurement Science and Technology, 0, , .	2.6	3
10	Helicopter Fuselage Model Drag Reduction by Active Flow Control Systems. Journal of the American Helicopter Society, 2019, 64, 1-15.	0.8	3
11	A PIV/PSP Joint Experimental Analysis of a Thin, High Cambered Airfoil at Low Reynolds Number. , 2007, , .		2
12	Four blades rotor model aerodynamic characterization and experimental investigation of rotor wake and sling load interaction. Journal of Physics: Conference Series, 2018, 1110, 012012.	0.4	2
13	Innovative calibration methodology for gardon gauge heat flux meter. , 2020, , .		2
14	Aerodynamic Performance Degradation Induced by Ice Accretion. PIV Technique Assessment in Icing Wind Tunnel. , 2007, , 395-417.		2
15	Performance improvements of helicopter basic fuselage model by passive vortex generators. Experiments in Fluids, 2019, 60, 1.	2.4	1
16	Flow Characterization of Heavy-Lift Helicopter Rear Fuselage with Pulsed Jets for Separation Control. AIAA Journal, 2020, 58, 1458-1475.	2.6	1
17	Full characterization of the peak-locking error by means of orthogonal functions and application to the flow behind a helicopter fuselage model. Experiments in Fluids, 2021, 62, 1.	2.4	1