

Valentina Motta

List of Publications by Year in descending order

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papers

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1478505

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138
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of actuation parameters of multi-DBD plasma actuators on the static and dynamic behaviour of an airfoil in unsteady flow. <i>Aerospace Science and Technology</i> , 2020, 96, 105587.	4.8	39
2	Three-dimensional simulation of a complete Vertical Axis Wind Turbine using overlapping grids. <i>Journal of Computational and Applied Mathematics</i> , 2014, 270, 78-87.	2.0	25
3	Influence of airfoil thickness on unsteady aerodynamic loads on pitching airfoils. <i>Journal of Fluid Mechanics</i> , 2015, 774, 460-487.	3.4	22
4	Comparison of different plasma actuation strategies for aeroelastic control on a linear compressor cascade. <i>Aerospace Science and Technology</i> , 2021, 117, 106902.	4.8	15
5	Linear Reduced-Order Model for Unsteady Aerodynamics of an L-Shaped Gurney Flap. <i>Journal of Aircraft</i> , 2015, 52, 1887-1904.	2.4	14
6	Numerical assessment of an L-shaped Gurney flap for load control. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2017, 231, 951-975.	1.3	6
7	Discrete Time Open-Loop and Closed-Loop Flow Control Based on Van der Pol Modeling. , 2016, , .		4
8	Numerical Assessment of Virtual Control Surfaces for Compressor Blades. , 2017, , .		4
9	Numerical Assessment of Virtual Control Surfaces for Load Alleviation on Compressor Blades. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 125.	2.5	4
10	Open-loop and closed-loop flow control based on Van der Pol modeling. <i>Acta Mechanica</i> , 2018, 229, 389-401.	2.1	3
11	A Physically Consistent Reduced Order Model for Plasma Aeroelastic Control on Compressor Blades. <i>Journal of Engineering for Gas Turbines and Power</i> , 2019, 141, .	1.1	2
12	Physically-based reduced order model for unsteady aerodynamic loads of a L-shaped Gurney flap. , 2014, , .		1
13	Aeroelastic Control on Compressor Blades With Virtual Control Surfaces: A Numerical Assessment. , 2018, , .		1
14	Active Control on Helicopter Blades with a L-Shaped Gurney Flap. , 2015, , .		0
15	A Physically Consistent Reduced Order Model for Plasma Aeroelastic Control on Compressor Blades. , 2018, , .		0
16	Data regarding the computational fluid dynamics simulations of an airfoil with plasma actuator in unsteady flow. <i>Data in Brief</i> , 2020, 29, 105286.	1.0	0
17	Dataset of numerical simulations for aeroelastic control of an aero engine compressor cascade using plasma actuators. <i>Data in Brief</i> , 2021, 39, 107584.	1.0	0