

Carlos R Dos Santos

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

80
citations

1684188

5
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	On limit cycle oscillations of typical aeroelastic section with different preset angles of incidence at low airspeeds. <i>Journal of Fluids and Structures</i> , 2017, 74, 19-34.	3.4	17
2	Nonlinear modeling of electro-aeroelastic dynamics of composite beams with piezoelectric coupling. <i>Composite Structures</i> , 2021, 255, 112968.	5.8	14
3	The effects of structural and aerodynamic nonlinearities on the energy harvesting from airfoil stall-induced oscillations. <i>JVC/Journal of Vibration and Control</i> , 2019, 25, 1991-2007.	2.6	13
4	Lift Prediction Including Stall, Using Vortex Lattice Method with Kirchhoff-Based Correction. <i>Journal of Aircraft</i> , 2018, 55, 887-891.	2.4	11
5	Viscous extension of vortex methods for unsteady aerodynamics. <i>Physics of Fluids</i> , 2021, 33, .	4.0	11
6	Modeling and prediction of aerodynamic characteristics of free fall rotating wing based on experiments. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 610, 012098.	0.6	6
7	Energy harvesting from stall-induced oscillations of pitching airfoils at high-subsonic regime. , 2018, , .		3
8	Structural Nonlinearities Influence on the Energy Harvesting from Stall-Induced Oscillations. , 2018, , .		2
9	Optimization of Energy Harvesting From Stall-Induced Oscillations Using the Multidimensional Kriging Metamodel. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019, 14, .	1.2	2
10	Finite wing effects on the energy harvesting from stall-induced oscillations. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632210897.	2.6	1
11	Stall-Induced Oscillations of Typical Aeroelastic Sections in Low Airspeeds. , 2019, , .		0
12	Viscous extension of the Unsteady Vortex Lattice Method. , 2020, , .		0