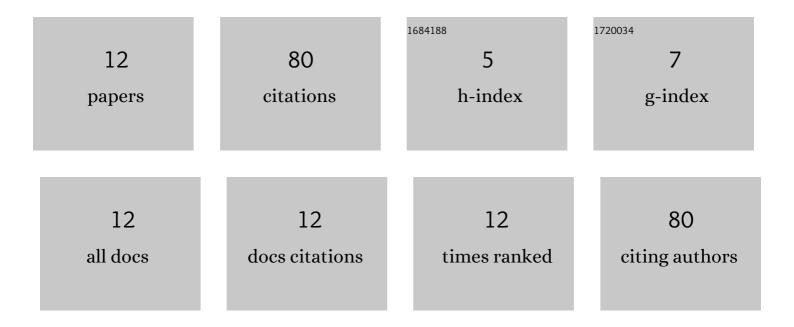
Carlos R Dos Santos

List of Publications by Year in descending order

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