

Manuel Moriche

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8548491/publications.pdf>

Version: 2024-02-01

13
papers

172
citations

1478505

6
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	On the aerodynamic forces on heaving and pitching airfoils at low Reynolds number. <i>Journal of Fluid Mechanics</i> , 2017, 828, 395-423.	3.4	61
2	Three-dimensional instabilities in the wake of a flapping wing at low Reynolds number. <i>International Journal of Heat and Fluid Flow</i> , 2016, 62, 44-55.	2.4	33
3	Kinematics and dynamics of the auto-rotation of a model winged seed. <i>Bioinspiration and Biomimetics</i> , 2018, 13, 036011.	2.9	27
4	From flapping to heaving: A numerical study of wings in forward flight. <i>Journal of Fluids and Structures</i> , 2018, 83, 293-309.	3.4	17
5	A single oblate spheroid settling in unbounded ambient fluid: A benchmark for simulations in steady and unsteady wake regimes. <i>International Journal of Multiphase Flow</i> , 2021, 136, 103519.	3.4	10
6	Characterization of Aerodynamic Forces on Wings in Plunge Maneuvers. <i>AIAA Journal</i> , 2021, 59, 751-762.	2.6	7
7	Three-Dimensional Effects on Plunging Airfoils at Low Reynolds Numbers. <i>AIAA Journal</i> , 2021, 59, 65-74.	2.6	5
8	Numerical simulation of the flow around a flapping-wing micro air vehicle in free flight. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2022, 236, 468-476.	1.3	4
9	Assessing aerodynamic force estimation with experiments and simulations of flapping-airfoil flows on the verge of three-dimensionality. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020, 234, 428-444.	1.3	4
10	Fast transverse maneuvers at low Reynolds numbers. , 2019, , .		2
11	Comparison between experiments and simulations of fast transverse plunge maneuvers. , 2020, , .		2
12	A Numerical Study of Low-Aspect-Ratio Flapping-Wings in Forward Flight. <i>ERCOFTAC Series</i> , 2019, , 405-410.	0.1	0
13	The Influence of the Reynolds Number on the Auto-Rotation of Samaras. <i>ERCOFTAC Series</i> , 2019, , 411-416.	0.1	0