

Diego Domínguez Fernández

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3749993/publications.pdf>

Version: 2024-02-01

13
papers

184
citations

1478505

6
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	On the capabilities and limitations of high altitude pseudo-satellites. Progress in Aerospace Sciences, 2018, 98, 37-56.	12.1	87
2	Aerodynamic optimization of propellers for High Altitude Pseudo-Satellites. Aerospace Science and Technology, 2020, 96, 105562.	4.8	21
3	Impact of turbulence modelling on external supersonic flow field simulations in rocket aerodynamics. International Journal of Computational Fluid Dynamics, 2013, 27, 332-341.	1.2	16
4	On the challenge of a century lifespan satellite. Progress in Aerospace Sciences, 2014, 70, 28-41.	12.1	12
5	On the development of a parametric aerodynamic model of a stratospheric airship. Aerospace Science and Technology, 2020, 107, 106316.	4.8	12
6	Atmospheric Boundary Layer Wind Profile Estimation Using Neural Networks Applied to Lidar Measurements. Sensors, 2021, 21, 3659.	3.8	10
7	An analysis and enhanced proposal of atmospheric boundary layer wind modelling techniques for automation of air traffic management. Chinese Journal of Aeronautics, 2021, 34, 129-144.	5.3	6
8	Stochastic optimization of high-altitude airship envelopes based on kriging method. Aerospace Science and Technology, 2022, 120, 107251.	4.8	6
9	Lighter-than-air particle velocimetry for wind speed profile measurement. Renewable and Sustainable Energy Reviews, 2014, 33, 323-332.	16.4	5
10	Path Planner for Autonomous Exploration of Underground Mines by Aerial Vehicles. Sensors, 2020, 20, 4259.	3.8	5
11	A wind speed profile measurement method based on free bubble tracking in the lower atmosphere. Flow Measurement and Instrumentation, 2013, 34, 134-141.	2.0	3
12	Numerical modelling of a wind profiler system based on bubble tracking. Mathematical and Computer Modelling of Dynamical Systems, 2014, 20, 209-223.	2.2	1
13	Design of a hydroformed metal blade for vertical-axis wind turbines. Journal of Renewable and Sustainable Energy, 2015, 7, 043135.	2.0	0