

Luigi Iuspa

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

110
citations

1478505

6
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	An optimal heat-flux targeting procedure for LEO re-entry of reusable vehicles. Aerospace Science and Technology, 2021, 112, 106608.	4.8	2
2	Phase-A design of a reusable re-entry vehicle. Acta Astronautica, 2021, 187, 141-155.	3.2	10
3	Low speed longitudinal aerodynamics of a blended wing-body re-entry vehicle. Aerospace Science and Technology, 2020, 107, 106303.	4.8	8
4	Aeroshape design of reusable re-entry vehicles by multidisciplinary optimization and computational fluid dynamics. Aerospace Science and Technology, 2020, 105, 106029.	4.8	18
5	Free Topology Generation of Thermal Protection System for Reusable Space Vehicles Using Integral Soft Objects. Lecture Notes in Mechanical Engineering, 2020, , 84-98.	0.4	0
6	Thermal Protection System Design of a Reusable Launch Vehicle Using Integral Soft Objects. International Journal of Aerospace Engineering, 2019, 2019, 1-14.	0.9	10
7	An optimization-based procedure for self-generation of Re-entry Vehicles shape. Aerospace Science and Technology, 2017, 68, 123-134.	4.8	19
8	Multi-objective optimization for re-entry spacecraft conceptual design using a free-form shape generator. Aerospace Science and Technology, 2017, 71, 312-324.	4.8	32
9	Free topology generation of self-stiffened panels using skeleton-based integral soft objects. Computers and Structures, 2015, 158, 184-210.	4.4	11
10	Parametric Integral Soft Objects-based Procedure for Thermal Protection System Modeling of Reusable Launch Vehicle. , 0, , .		0
11	Lifting Entry Analysis for Manned Mars Exploration Missions. , 0, , .		0