

# Luigi Iuspa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5464872/publications.pdf>

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