

# Lorenzo Frezza

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9377282/publications.pdf>

Version: 2024-02-01

13  
papers

48  
citations

2682572

2  
h-index

2053705

5  
g-index

13  
all docs

13  
docs citations

13  
times ranked

56  
citing authors

#	ARTICLE	IF	CITATIONS
1	Satellite early identification through LED observations: First in-orbit results from WildTrackCube-SIMBA. Acta Astronautica, 2022, 193, 163-172.	3.2	2
2	Experimental validation of VOR (VHF Omni Range) navigation system for stratospheric flight. Acta Astronautica, 2021, 178, 423-431.	3.2	10
3	Usage of Light Emitting Diodes (LEDs) for improved satellite tracking. Acta Astronautica, 2021, 179, 228-237.	3.2	12
4	LEDSAT 1U CubeSat thermal analysis and steady state calibration for thermal-vacuum testing. , 2021, , .		0
5	Distributed Hybrid Sensors Architectures for Launch Vehicle Avionics and Future Space Transportation Systems. , 2021, , .		1
6	Stratospheric balloon tracking system design through Software Defined Radio applications: STRAINS experiment. Acta Astronautica, 2021, 193, 744-744.	3.2	2
7	Sun direction determination improvement by albedo input estimation combining photodiodes and magnetometer. Acta Astronautica, 2021, 190, 134-134.	3.2	1
8	Hands-on education through nano-satellites development: past, current and future projects at Sapienza S5Lab. , 2020, , .		1
9	Time Difference of Arrival for stratospheric balloon tracking: design and development of the STRAINS Experiment. , 2020, , .		1
10	GreenCube: microgreens cultivation and growth monitoring on-board a 3U CubeSat. , 2020, , .		6
11	LED-based attitude reconstruction and back-up light communication: experimental applications for the LEDSAT CubeSat. , 2019, , .		2
12	LEDSAT: a LED-Based CubeSat for Optical Orbit Determination Methodologies Improvement. , 2018, , .		7
13	Testing the VOR (VHF Omnidirectional Range) in the stratosphere: STRATONAV experiment. , 2016, , .		3