

Lorenzo Frezza

List of Publications by Year in descending order

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