

Stefano Carletta

List of Publications by Year in descending order

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1478505

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docs citations

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56
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Low-Energy Quasiperiodic Orbits in the Elliptic Restricted 4-Body Problem with Orbital Resonance. <i>Aerospace</i> , 2022, 9, 175.	2.2	6
2	Analytic Derivation of Ascent Trajectories and Performance of Launch Vehicles. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5685.	2.5	4
3	Design of fuel-saving lunar captures using finite thrust and gravity-braking. <i>Acta Astronautica</i> , 2021, 181, 190-200.	3.2	7
4	A Magnetometer-Only Attitude Determination Strategy for Small Satellites: Design of the Algorithm and Hardware-in-the-Loop Testing. <i>Aerospace</i> , 2020, 7, 3.	2.2	21
5	Dynamics of three-dimensional capture orbits from libration region analysis. <i>Acta Astronautica</i> , 2019, 165, 331-343.	3.2	8
6	Implementation and Hardware-In-The-Loop Simulation of a Magnetic Detumbling and Pointing Control Based on Three-Axis Magnetometer Data. <i>Aerospace</i> , 2019, 6, 133.	2.2	13
7	Design and Numerical Validation of an Algorithm for the Detumbling and Angular Rate Determination of a CubeSat Using Only Three-Axis Magnetometer Data. <i>International Journal of Aerospace Engineering</i> , 2018, 2018, 1-12.	0.9	13
8	Long-term capture orbits for low-energy space missions. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2018, 130, 1.	1.4	5