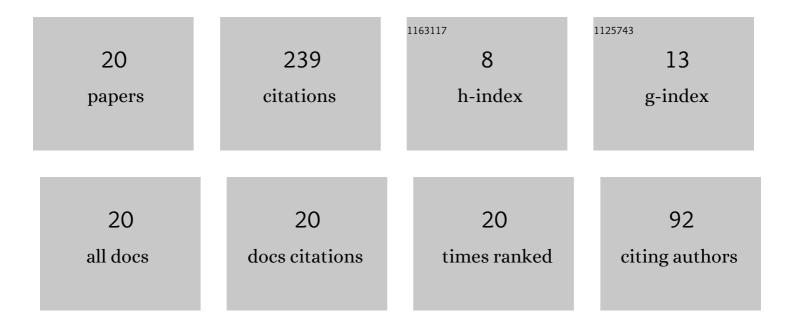
## Vladimir Martinusi

List of Publications by Year in descending order

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VIADIMID MADTINUISI

#	Article	IF	CITATIONS
1	Solutions and periodicity of satellite relative motion under even zonal harmonics perturbations. Celestial Mechanics and Dynamical Astronomy, 2011, 111, 387-414.	1.4	47
2	Foucault Pendulum-like problems: A tensorial approach. International Journal of Non-Linear Mechanics, 2008, 43, 743-760.	2.6	28
3	Relative Spacecraft Motion in a Central Force Field. Journal of Guidance, Control, and Dynamics, 2007, 30, 873-876.	2.8	26
4	Quaternionic Exact Solution to the Relative Orbital Motion Problem. Journal of Guidance, Control, and Dynamics, 2010, 33, 1035-1047.	2.8	23
5	Kepler's Problem in Rotating Reference Frames Part II: Relative Orbital Motion. Journal of Guidance, Control, and Dynamics, 2007, 30, 201-213.	2.8	20
6	Kepler's Problem in Rotating Reference Frames Part I: Prime Integrals, Vectorial Regularization. Journal of Guidance, Control, and Dynamics, 2007, 30, 192-200.	2.8	19
7	A complete closed form vectorial solution to the Kepler problem. Meccanica, 2007, 42, 465-476.	2.0	18
8	Exact solution to the relative orbital motion in eccentric orbits. Solar System Research, 2009, 43, 41-52.	0.7	16
9	Analytical Derivation of Single-Impulse Maneuvers Guaranteeing Bounded Relative Motion Under J2. Journal of Guidance, Control, and Dynamics, 2014, 37, 233-242.	2.8	7
10	Exact Solution to the Relative Orbital Motion in a Central Force Field. , 2008, , .		6
11	Analytical solutions for J 2-perturbed unbounded equatorial orbits. Celestial Mechanics and Dynamical Astronomy, 2013, 115, 35-57.	1.4	6
12	Analytic propagation of near-circular satellite orbits in the atmosphere of an oblate planet. Celestial Mechanics and Dynamical Astronomy, 2015, 123, 85-103.	1.4	6
13	First-order analytic propagation of satellites in the exponential atmosphere of an oblate planet. Celestial Mechanics and Dynamical Astronomy, 2017, 127, 451-476.	1.4	5
14	A Quaternionic Exact Solution to the Relative Orbital Motion. , 2008, , .		4
15	State Space Analysis for The Relative Spacecraft Motion in Geopotential Fields. , 2011, , .		3
16	Vectorial Regularization and Temporal Means in Keplerian Motion. Journal of Nonlinear Mathematical Physics, 2006, 13, 420.	1.3	2
17	Super-integrability in the unperturbed relative orbital motion problem. , 2010, , .		2
18	Analytical Orbit Propagator Based on Vectorial Orbital Elements. , 2013, , .		1

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#	Article	IF	CITATIONS
19	Analytic Solution to the Relative Orbital Motion Around an Oblate Planet. , 2009, , .		0

20 Optimal Satellite Formation Establishment about an Oblate Planet., 2011, , .