

Manuele Santoprete

List of Publications by Year in descending order

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40
papers

544
citations

687363

13
h-index

642732

23
g-index

40
all docs

40
docs citations

40
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Uniqueness of Co-circular Four Body Central Configurations. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 240, 971-985.	2.4	3
2	On the uniqueness of trapezoidal four-body central configurations. <i>Nonlinearity</i> , 2021, 34, 424-437.	1.4	5
3	Bifurcation of Relative Equilibria for Vortices and General Homogeneous Potentials. <i>Qualitative Theory of Dynamical Systems</i> , 2020, 19, 1.	1.7	3
4	Countering violent extremism: A mathematical model. <i>Applied Mathematics and Computation</i> , 2019, 358, 314-329.	2.2	9
5	Planarity conditions and four-body central configurations equations with angles as coordinates. <i>Journal of Geometry and Physics</i> , 2019, 140, 74-84.	1.4	1
6	Global stability in a mathematical model of de-radicalization. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 151-161.	2.6	13
7	Four-body central configurations with one pair of opposite sides parallel. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 464, 421-434.	1.0	11
8	Suslov Problem with the Clebsch-Tisserand Potential. <i>Regular and Chaotic Dynamics</i> , 2018, 23, 193-211.	0.8	0
9	A bare-bones mathematical model of radicalization. <i>Journal of Dynamics and Games</i> , 2018, 5, 243-264.	1.0	10
10	Bifurcations of Central Configurations in the Four-Body Problem with Some Equal Masses. <i>SIAM Journal on Applied Dynamical Systems</i> , 2016, 15, 440-458.	1.6	7
11	Canonoid and Poissonoid transformations, symmetries and biHamiltonian structures. <i>Journal of Geometric Mechanics</i> , 2015, 7, 483-515.	0.8	2
12	Motion in a Symmetric Potential on the Hyperbolic Plane. <i>Canadian Journal of Mathematics</i> , 2015, 67, 450-480.	0.6	2
13	Regularization of the Kepler Problem on the Three-sphere. <i>Canadian Journal of Mathematics</i> , 2014, 66, 760-782.	0.6	3
14	Relative Equilibria in the Four-Vortex Problem with Two Pairs of Equal Vorticities. <i>Journal of Nonlinear Science</i> , 2014, 24, 39-92.	2.1	30
15	On the topology of the double spherical pendulum. <i>Regular and Chaotic Dynamics</i> , 2012, 17, 36-53.	0.8	2
16	The n-Body Problem in Spaces of Constant Curvature. Part I: Relative Equilibria. <i>Journal of Nonlinear Science</i> , 2012, 22, 247-266.	2.1	66
17	The n-Body Problem in Spaces of Constant Curvature. Part II: Singularities. <i>Journal of Nonlinear Science</i> , 2012, 22, 267-275.	2.1	50
18	Escape dynamics in collinear atomic-like three mass point systems. <i>Physica D: Nonlinear Phenomena</i> , 2010, 239, 1516-1526.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Central configurations of the five-body problem with equal masses. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2009, 104, 369-381.	1.4	33
20	Smoothed dynamics in the central field problem. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 1870-1881.	1.7	1
21	Block regularization of the Kepler problem on surfaces of revolution with positive constant curvature. <i>Journal of Differential Equations</i> , 2009, 247, 1043-1063.	2.2	7
22	Gravitational and harmonic oscillator potentials on surfaces of revolution. <i>Journal of Mathematical Physics</i> , 2008, 49, 042903.	1.1	16
23	Saari's Conjecture in Celestial Mechanics. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
24	Saari's homographic conjecture of the three-body problem. <i>Transactions of the American Mathematical Society</i> , 2008, 360, 6447-6473.	0.9	16
25	Convex Four-Body Central Configurations with Some Equal Masses. <i>Archive for Rational Mechanics and Analysis</i> , 2007, 185, 481-494.	2.4	45
26	Seven-body central configurations: a family of central configurations in the spatial seven-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2007, 99, 293-305.	1.4	37
27	Central configurations and total collisions for quasihomogeneous n -body problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2006, 65, 1425-1439.	1.1	19
28	Linear Stability of the Lagrangian Triangle Solutions for Quasihomogeneous Potentials. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2006, 94, 17-35.	1.4	5
29	Rosette Central Configurations, Degenerate Central Configurations and Bifurcations. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2006, 94, 271-287.	1.4	13
30	The Kepler problem with anisotropic perturbations. <i>Journal of Mathematical Physics</i> , 2005, 46, 072701.	1.1	16
31	A Counterexample to a Generalized Saari's Conjecture with a Continuum of Central Configurations. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2004, 89, 357-364.	1.4	7
32	On the global dynamics of the anisotropic Manev problem. <i>Physica D: Nonlinear Phenomena</i> , 2004, 194, 75-94.	2.8	17
33	Saari's conjecture for the collinear n -body problem. <i>Transactions of the American Mathematical Society</i> , 2004, 357, 4215-4223.	0.9	29
34	Symmetric periodic solutions of the anisotropic Manev problem. <i>Journal of Mathematical Physics</i> , 2002, 43, 3207-3219.	1.1	14
35	Chaos in Black Holes Surrounded by Electromagnetic Fields. <i>General Relativity and Gravitation</i> , 2002, 34, 1107-1119.	2.0	11
36	Nonintegrability and chaos in the anisotropic Manev problem. <i>Physica D: Nonlinear Phenomena</i> , 2001, 156, 39-52.	2.8	17

#	ARTICLE	IF	CITATIONS
37	Title is missing!. Regular and Chaotic Dynamics, 2001, 6, 377.	0.8	2
38	An approach to Melnikov theory in celestial mechanics. Journal of Mathematical Physics, 2000, 41, 805-815.	1.1	12
39	Nonhyperbolic homoclinic chaos. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 256, 25-30.	2.1	7
40	On the Relationship between Two Notions of Compatibility for Bi-Hamiltonian Systems. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	1