

Esther BarrabÃ©s

List of Publications by Year in descending order

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docs citations

31
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Ejection-Collision Orbits in Two Degrees of Freedom Problems in Celestial Mechanics. Journal of Nonlinear Science, 2021, 31, 1.	2.1	1
2	Ejection-Collision orbits in the symmetric collinear four-body problem. Communications in Nonlinear Science and Numerical Simulation, 2019, 71, 82-100.	3.3	8
3	On central configurations of the n -body problem. Journal of Mathematical Analysis and Applications, 2019, 476, 720-736.	1.0	1
4	On Strictly Convex Central Configurations of the $2n$ -Body Problem. Journal of Dynamics and Differential Equations, 2019, 31, 2293-2304.	1.9	2
5	Spatial collinear restricted four-body problem with repulsive Manev potential. Celestial Mechanics and Dynamical Astronomy, 2017, 129, 153-176.	1.4	15
6	Tails and bridges in the parabolic restricted three-body problem. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2554-2568.	4.4	4
7	A note on transfers from LEOs to GEOs visiting libration points of the Sun-Earth CRTBP. Advances in Space Research, 2016, 57, 938-947.	2.6	1
8	Pseudo-heteroclinic connections between bicircular restricted four-body problems. Monthly Notices of the Royal Astronomical Society, 2016, 462, 740-750.	4.4	7
9	Dynamics of the parabolic restricted three-body problem. Communications in Nonlinear Science and Numerical Simulation, 2015, 29, 400-415.	3.3	5
10	Transport orbits in an equilateral restricted four-body problem. Celestial Mechanics and Dynamical Astronomy, 2015, 121, 191-210.	1.4	30
11	Convex Central Configurations of Two Twisted n -gons. Trends in Mathematics, 2015, , 17-21.	0.1	3
12	Transport Dynamics: From the Bicircular to the Real Solar System Problem. Trends in Mathematics, 2015, , 45-48.	0.1	1
13	Numerical Exploration of the Limit Ring Problem. Qualitative Theory of Dynamical Systems, 2013, 12, 25-52.	1.7	6
14	Numerical continuation of families of heteroclinic connections between periodic orbits in a Hamiltonian system. Nonlinearity, 2013, 26, 2747-2765.	1.4	9
15	Phase space structure of the hydrogen atom in a circularly polarized microwave field. Physica D: Nonlinear Phenomena, 2012, 241, 333-349.	2.8	14
16	Highly eccentric hop solutions of the n -body problem. Physica D: Nonlinear Phenomena, 2010, 239, 214-219.	2.8	2
17	Two Classes of Cycler Trajectories in the Earth-Moon System. Journal of Guidance, Control, and Dynamics, 2010, 33, 1623-1640.	2.8	6
18	A Limit Case of the "Ring Problem": The Planar Circular Restricted $(1+n)$ Body Problem. SIAM Journal on Applied Dynamical Systems, 2010, 9, 634-658.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Dynamical aspects of multi-round horseshoe-shaped homoclinic orbits in the RTBP. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2009, 105, 197-210.	1.4	6
20	Numerical continuation of families of homoclinic connections of periodic orbits in the RTBP. <i>Nonlinearity</i> , 2009, 22, 2901-2918.	1.4	28
21	Families of Cycler Trajectories in the Earth-Moon System. , 2008, , .		4
22	\mathbb{S}^1 Effect and Elliptic Inclined Periodic Orbits in the Collision Restricted Three-Body Problem. <i>SIAM Journal on Applied Dynamical Systems</i> , 2008, 7, 1-17.	1.6	2
23	The positive entropy kernel for some families of trees. <i>Nonlinearity</i> , 2007, 20, 1955-1967.	1.4	1
24	Hip-hop solutions of the 2N-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2006, 95, 55-66.	1.4	13
25	Invariant manifolds of L_3 and horseshoe motion in the restricted three-body problem. <i>Nonlinearity</i> , 2006, 19, 2065-2089.	1.4	20
26	Is the simplex open or closed? (some topological concepts). <i>Geological Society Special Publication</i> , 2006, 264, 203-206.	1.3	0
27	Families of periodic horseshoe orbits in the restricted three-body problem. <i>Astronomy and Astrophysics</i> , 2005, 432, 1115-1129.	5.1	26
28	The minimum tree for a given zero-entropy period. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2005, 2005, 3025-3033.	0.7	1
29	A Note on Second Species Solutions Generated from p - q Resonant Orbits. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2004, 88, 229-244.	1.4	2
30	Three-Dimensional p - q Resonant Orbits Close to Second Species Solutions. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2003, 85, 145-174.	1.4	9
31	Spatial p - q Resonant Orbits of the RTBP. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2002, 84, 387-407.	1.4	10