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List of Publications by Year
in descending order

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50	676	471509	610901
papers	citations	17	24
		h-index	g-index

52	52	52	119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The study of Newtonâ€“Raphson basins of convergence in the three-dipole problem. Nonlinear Dynamics, 2022, 107, 829-854.	5.2	1
2	On the topology of basins of convergence linked to libration points in the modified R3BP with oblateness. New Astronomy, 2022, 94, 101776.	1.8	5
3	Fractal basins of convergence in the restricted rhomboidal six-body problem. New Astronomy, 2022, 94, 101798.	1.8	2
4	On the beyond-Newtonian collinear circular restricted $(3 + 1)$-body problem with spinning primaries. Astrophysics and Space Science, 2022, 367, .	1.4	3
5	On the rhomboidal restricted five-body problem: Analysis of the basins of convergence. New Astronomy, 2022, , 101893.	1.8	0
6	On the modified circular restricted three-body problem with variable mass. New Astronomy, 2021, 84, 101510.	1.8	14
7	The analysis of basins of convergence in the regular polygon problem of (N+1) bodies system with spheroidal primaries. New Astronomy, 2021, 85, 101530.	1.8	1
8	On the basins of convergence in the magneticâ€binary problem with angular velocity. Computational and Mathematical Methods, 2021, 3, e1161.	0.8	4
9	On the Sitnikovâ€like N â€body problem with quasiâ€homogeneous potential. Computational and Mathematical Methods, 2021, 3, e1180.	0.8	1
10	Combined effect of small perturbations in the Coriolis and centrifugal forces and three-body interaction on the existence of stationary points in the R3BP. New Astronomy, 2021, 89, 101630.	1.8	8
11	The analysis of periodic orbits generated by Lagrangian solutions of the restricted three-body problem with non-spherical primaries. New Astronomy, 2020, 74, 101287.	1.8	14
12	The effect of radiation pressure on the basins of convergence in the restricted four-body problem. Chaos, Solitons and Fractals, 2020, 141, 110347.	5.1	8
13	The study of the fractal basins of convergence linked with equilibrium points in the perturbed (N + 1)â€body ring problem. Astronomische Nachrichten, 2020, 341, 741-761.	1.2	2
14	Determining the Properties of the Basins of Convergence in the Generalized HÃ©nonâ€“Heiles System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050007.	1.7	3
15	On the spatial collinear restricted four-body problem with non-spherical primaries. Chaos, Solitons and Fractals, 2020, 133, 109609.	5.1	17
16	Analysis of Copenhagen problem with a repulsive quasiâ€homogeneous Manevâ€type potential within the frame of variable mass. Astronomische Nachrichten, 2020, 341, 410-423.	1.2	0
17	The perturbed restricted three-body problem with angular velocity: Analysis of basins of convergence linked to the libration points. International Journal of Non-Linear Mechanics, 2020, 123, 103494.	2.6	3
18	Unveiling the basins of convergence in the pseudo-Newtonian planar circular restricted four-body problem. New Astronomy, 2019, 66, 52-67.	1.8	8

#	Article	IF	Citations
19	Orbit classification in the Copenhagen problem with oblate primaries. Astronomische Nachrichten, 2019, 340, 760-770.	1.2	3
20	The analysis of restricted fiveâ€“body problem within frame of variable mass. New Astronomy, 2019, 70, 12-21.	1.8	39
21	Divulging the effect of small perturbations in the Coriolis and centrifugal forces in the photogravitational version of autonomous restricted fourâ€body problem with oblate primary. Astronomische Nachrichten, 2019, 340, 413-429.	1.2	1
22	On the perturbed photogravitational restricted five-body problem: the analysis of fractal basins of convergence. Astrophysics and Space Science, 2019, 364, 1.	1.4	8
23	On the Convergence Dynamics of the Sitnikov Problem with Non-spherical Primaries. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	1.6	3
24	The effect of small perturbations in the Coriolis and centrifugal forces in the axisymmetric restricted five-body problem. Astrophysics and Space Science, 2019, 364, 1.	1.4	17
25	On the Newtonâ€“Raphson basins of convergence associated with the libration points in the axisymmetric restricted five-body problem: The concave configuration. International Journal of Non-Linear Mechanics, 2019, 112, 25-47.	2.6	21
26	Networks of periodic orbits in the circular restricted three-body problem with first order post-Newtonian terms. Meccanica, 2019, 54, 2339-2365.	2.0	9
27	On the fractal basins of convergence of the libration points in the axisymmetric five-body problem: The convex configuration. International Journal of Non-Linear Mechanics, 2019, 109, 80-106.	2.6	22
28	Revealing the existence and stability of equilibrium points in the circular autonomous restricted four-body problem with variable mass. New Astronomy, 2019, 68, 1-9.	1.8	5
29	Out-of-plane equilibrium points and regions of motion in the photogravitational R3BP when the primaries are heterogeneous spheroid with three layers. New Astronomy, 2018, 63, 15-26.	1.8	19
30	Basins of attraction of equilibrium points in the planar circular restricted five-body problem. Astrophysics and Space Science, 2018, 363, 1.	1.4	41
31	Exploring the fractal basins of convergence in the restricted four-body problem with oblateness. International Journal of Non-Linear Mechanics, 2018, 102, 62-71.	2.6	25
32	On the existence of libration points in the spatial collinear restricted four-body problem within frame of repulsive Manev potential and variable mass. Chaos, Solitons and Fractals, 2018, 117, 94-104.	5.1	10
33	Basins of Convergence in the Circular Sitnikov Four-Body Problem with Nonspherical Primaries. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1830016.	1.7	14
34	The effect of small perturbations in the Coriolis and centrifugal forces on the existence of libration points in the restricted fourâ€body problem with variable mass. Astronomische Nachrichten, 2018, 339, 492-512.	1.2	15
35	Comparing the Geometry of the Basins of Attraction, the Speed and the Efficiency of Several Numerical Methods. International Journal of Applied and Computational Mathematics, 2018, 4, 1.	1.6	4
36	Revealing the Newtonâ€“Raphson basins of convergence in the circular pseudo-Newtonian Sitnikov problem. International Journal of Non-Linear Mechanics, 2018, 105, 43-54.	2.6	8

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37	Fractal basins of convergence of libration points in the planar Copenhagen problem with a repulsive quasi-homogeneous Manev-type potential. International Journal of Non-Linear Mechanics, 2018, 103, 113-127.	2.6	24
38	On the photo-gravitational restricted four-body problem with variable mass. Astrophysics and Space Science, 2018, 363, 1.	1.4	20
39	Investigating the Basins of Convergence in the Circular Sitnikov Three-Body Problem with Non-spherical Primaries. Few-Body Systems, 2018, 59, 1.	1.5	15
40	On the R4BP when Third Primary is an Ellipsoid. Journal of the Astronautical Sciences, 2017, 64, 231-250.	1.5	13
41	Fractal basins of attraction in the restricted four-body problem when the primaries are triaxial rigid bodies. Astrophysics and Space Science, 2017, 362, 1.	1.4	33
42	On the restricted four-body problem with the effect of small perturbations in the Coriolis and centrifugal forces. Astrophysics and Space Science, 2017, 362, 1.	1.4	38
43	The Nonlinear Stability of L 4 in the R3BP when the Smaller Primary is a Heterogeneous Spheroid. Journal of the Astronautical Sciences, 2017, 64, 18-49.	1.5	15
44	Effect of oblateness on the existence and location of libration points in R4BP. , 2017, , .		0
45	Stability of libration points in the restricted four-body problem with variable mass. Astrophysics and Space Science, 2016, 361, 1.	1.4	33
46	On the photogravitational R4BP when the third primary is a triaxial rigid body. Astrophysics and Space Science, 2016, 361, 1.	1.4	34
47	On the photogravitational R4BP when the third primary is an oblate/prolate spheroid. Astrophysics and Space Science, 2015, 360, 1.	1.4	23
48	On the R4BP when third primary is an oblate spheroid. Astrophysics and Space Science, 2015, 357, 1.	1.4	21
49	The Photo-Gravitational R3BP when the Primaries are Heterogeneous Spheroid with Three Layers. Journal of the Astronautical Sciences, 2014, 61, 133-155.	1.5	17
50	Sitnikov restricted four-body problem with radiation pressure. Astrophysics and Space Science, 2014, 349, 705-716.	1.4	32