Anatoly P Markeev

List of Publications by Year
in descending order

42	188	1163117 8	1199594 12
papers	citations	h-index	g-index

42	42	42	67
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Stability of Planar Oscillations and Rotations of a Satellite in a Circular Orbit. Celestial Mechanics and Dynamical Astronomy, 2003, 85, 51-66.	1.4	20
2	On one special case of parametric resonance in problems of celestial mechanics. Astronomy Letters, 2005, 31, 350-356.	1.0	14
3	On the theory of motion of a rigid body with a vibrating suspension. Doklady Physics, 2009, 54, 392-396.	0.7	14
4	The equations of the approximate theory of the motion of a rigid body with a vibrating suspension point. Prikladnaya Matematika I Mekhanika, 2011, 75, 132-139.	0.4	13
5	A constructive algorithm for the normalization of a periodic hamiltonian. Prikladnaya Matematika I Mekhanika, 2005, 69, 323-337.	0.4	12
6	On the motion of a heavy dynamically symmetric rigid body with vibrating suspension point. Mechanics of Solids, 2012, 47, 373-379.	0.7	11
7	A method for analytically representing area-preserving mappings. Prikladnaya Matematika I Mekhanika, 2014, 78, 435-444.	0.4	10
8	On a multiple resonance in linear Hamiltonian systems. Doklady Physics, 2005, 50, 278-282.	0.7	8
9	Multiple parametric resonance in Hamilton systems. Prikladnaya Matematika I Mekhanika, 2006, 70, 176-194.	0.4	8
10	Title is missing!. Regular and Chaotic Dynamics, 2002, 7, 153.	0.8	8
11	Title is missing!. Regular and Chaotic Dynamics, 2005, 10, 81.	0.8	7
12	On the Birkhoff transformation in the case of complete degeneracy of the quadratic part of the Hamiltonian. Regular and Chaotic Dynamics, 2015, 20, 309-316.	0.8	6
13	Stability of an equilibrium position of a pendulum with step parameters. International Journal of Non-Linear Mechanics, 2015, 73, 12-17.	2.6	5
14	Title is missing!. Regular and Chaotic Dynamics, 2003, 8, 297.	0.8	5
15	Non-linear oscillations of a 1:1 resonance Hamiltonian system. Prikladnaya Matematika I Mekhanika, 2011, 75, 631-646.	0.4	4
16	Uniform rotations of a variable-length pendulum. Doklady Physics, 2011, 56, 240-243.	0.7	4
17	On the stability of the regular precession of an asymmetric gyroscope. Doklady Physics, 2002, 47, 833-837.	0.7	3
18	The dynamics of a rigid body colliding with a rigid surface. Regular and Chaotic Dynamics, 2008, 13, 96-129.	0.8	3

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19	The rotations of a pendulum excited by a high-frequency harmonic variation of its length. Prikladnaya Matematika I Mekhanika, 2012, 76, 388-392.	0.4	3
20	Approximate equations of rotational motion of a rigid body carrying a movable point mass. Prikladnaya Matematika I Mekhanika, 2013, 77, 137-144.	0.4	3
21	On the stability of nonlinear vibrations of coupled pendulums. Mechanics of Solids, 2013, 48, 370-379.	0.7	3
22	Title is missing!. Regular and Chaotic Dynamics, 2002, 7, 149.	0.8	3
23	Multiple resonance in one problem of the stability of the motion of a satellite relative to the center of mass. Astronomy Letters, 2005, 31, 627-633.	1.0	2
24	The oscillations of a satellite about a direction fixed in absolute space. Prikladnaya Matematika I Mekhanika, 2007, 71, 1-9.	0.4	2
25	To the problem of plane periodic rotations of a satellite in an elliptic orbit. Mechanics of Solids, 2008, 43, 400-411.	0.7	2
26	A case of plane rotations of an elastic pendulum. Prikladnaya Matematika I Mekhanika, 2011, 75, 501-507.	0.4	2
27	On the Stability of Periodic Motions of an Autonomous Hamiltonian System in a Critical Case of the Fourth-order Resonance. Regular and Chaotic Dynamics, 2017, 22, 773-781.	0.8	2
28	On the asymmetry of Kirkwood gaps in the asteroid belt. Doklady Physics, 2001, 46, 210-214.	0.7	1
29	Dynamical causes of asymmetry in the arrangement of gaps in the asteroid belt. Astronomy Letters, 2001, 27, 475-479.	1.0	1
30	On the nonlocal stability of periodic motion of a Hamiltonian system at the third-order resonance. Doklady Physics, 2001, 46, 751-755.	0.7	1
31	Stability of motion of a solid in the Steklov's case. Doklady Physics, 2004, 49, 593-597.	0.7	1
32	On the stability of oscillations of a satellite in the elliptic-orbit plane. Doklady Physics, 2007, 52, 168-172.	0.7	1
33	Stability of a periodic motion of a rod suspended by an ideal thread. Mechanics of Solids, 2007, 42, 497-506.	0.7	1
34	Stability of the cylindrical precession of a satellite in an elliptic orbit. Mechanics of Solids, 2008, 43, 165-172.	0.7	1
35	On the problem of stability of Mercuryâ€™s rotation about its center of mass. Doklady Physics, 2008, 53, 548-551.	0.7	1
36	On nondegeneracy of the Hamiltonian function for a spherical pendulum. Doklady Physics, 2010, 55, 33-38.	0.7	1

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37	Non-linear oscillations of a satellite at 1:1:1 resonance. Prikladnaya Matematika I Mekhanika, 2012, 76, 36-47.	0.4	1
38	On a periodic motion of a rigid body carrying a material point in the presence of impacts with a horizontal plane. Regular and Chaotic Dynamics, 2012, 17, 142-149.	0.8	1
39	Linear problems of the stability of a type of rotation of a satellite about the centre of mass. Prikladnaya Matematika I Mekhanika, 2008, 72, 250-258.	0.4	0
40	Rotations of a near-symmetrical satellite in an elliptical orbit with Mercury-type resonance. Prikladnaya Matematika I Mekhanika, 2008, 72, 509-518.	0.4	0
41	On the dynamics of a rigid body carrying a material point. Regular and Chaotic Dynamics, 2012, 17, 234-242.	0.8	0
42	On the evolution of rotation of a solid under inelastic collisions with a plane. Mechanics of Solids, 2013, 48, 603-612.	0.7	0