

# Ivan Polekhin

## List of Publications by Year in descending order

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14  
papers

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citations

1937632

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12  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the application of the WaÅ¼ewski method to the problem of global stabilization. Systems and Control Letters, 2021, 153, 104953.	2.3	1
2	On the non-integrability and dynamics of discrete models of threads. Nonlinearity, 2021, 34, 6398-6416.	1.4	0
3	The Method of Averaging for the Kapitza â€“ Whitney Pendulum. Regular and Chaotic Dynamics, 2020, 25, 401-410.	0.8	5
4	Remarks on the Covering of the Possible Motion Area by Solutions in Rigid Body Systems. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 293-302.	1.0	0
5	Precession of the Kovalevskaya and Goryachev â€” Chaplygin Tops. Regular and Chaotic Dynamics, 2019, 24, 281-297.	0.8	1
6	On impulsive isoenergetic control in systems with gyroscopic forces. International Journal of Non-Linear Mechanics, 2018, 100, 1-5.	2.6	2
7	On topological obstructions to global stabilization of an inverted pendulum. Systems and Control Letters, 2018, 113, 31-35.	2.3	13
8	On motions without falling of an inverted pendulum with dry friction. Journal of Geometric Mechanics, 2018, 10, 411-417.	0.8	1
9	On the covering of a Hillâ€™s region by solutions in the restricted three-body problem. Celestial Mechanics and Dynamical Astronomy, 2017, 127, 331-341.	1.4	3
10	Classical perturbation theory and resonances in some rigid body systems. Regular and Chaotic Dynamics, 2017, 22, 136-147.	0.8	0
11	On the covering of a Hillâ€™s region by solutions in systems with gyroscopic forces. Nonlinear Analysis: Theory, Methods & Applications, 2017, 148, 138-146.	1.1	4
12	A Topological View on Forced Oscillations and Control of an Inverted Pendulum. Lecture Notes in Computer Science, 2017, , 329-335.	1.3	1
13	On forced oscillations in groups of interacting nonlinear systems. Nonlinear Analysis: Theory, Methods & Applications, 2016, 135, 120-128.	1.1	8
14	Forced oscillations of a massive point on a compact surface with a boundary. Nonlinear Analysis: Theory, Methods & Applications, 2015, 128, 100-105.	1.1	11