

# Victor F Zhuravlev

## List of Publications by Year in descending order

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27  
papers

194  
citations

1163117

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h-index

1125743

13  
g-index

27  
all docs

27  
docs citations

27  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global motion of the celt. Mechanics of Solids, 2008, 43, 320-327.	0.7	30
2	A new model of shimmy. Mechanics of Solids, 2013, 48, 490-499.	0.7	25
3	Theory of the shimmy phenomenon. Mechanics of Solids, 2010, 45, 324-330.	0.7	24
4	Effect of movability of the resonator center on the operation of a hemispherical resonator gyro. Mechanics of Solids, 2007, 42, 851-859.	0.7	14
5	On the history of the dry friction law. Mechanics of Solids, 2013, 48, 364-369.	0.7	14
6	On plane self-excited vibrations of a cantilever suspended wheel. Mechanics of Solids, 2012, 47, 155-159.	0.7	11
7	On vibrations of a wheel carriage in the presence of friction. Doklady Physics, 2011, 56, 118-121.	0.7	10
8	The causes of the shimmy phenomenon. Doklady Physics, 2009, 54, 475-478.	0.7	9
9	On the instability of a car in the vertical plane under rectilinear motion with friction forces taken into account. Mechanics of Solids, 2011, 46, 495-507.	0.7	8
10	Decomposition of nonlinear generalized forces into potential and circulatory components. Doklady Physics, 2007, 52, 339-341.	0.7	7
11	The Lagrange top and the Foucault pendulum in observed variables. Doklady Physics, 2014, 59, 35-39.	0.7	6
12	Hemispherical resonator gyro with m data electrodes and n control electrodes. Mechanics of Solids, 2015, 50, 375-378.	0.7	6
13	On self-excited vibrations in friction force measurement systems. Mechanics of Solids, 2012, 47, 261-268.	0.7	5
14	Strapdown inertial navigation system of pendulum type. Mechanics of Solids, 2014, 49, 1-10.	0.7	5
15	On the solution of equations of the linear oscillator with respect to the matrix of the inertial trihedron. Doklady Physics, 2005, 50, 519-523.	0.7	4
16	A new shimmy model. Proceedings of the Steklov Institute of Mathematics, 2013, 281, 27-36.	0.3	4
17	Spectral properties of linear gyroscopic systems. Mechanics of Solids, 2009, 44, 165-168.	0.7	3
18	Analysis of the structure of generalized forces in the Lagrange equations. Mechanics of Solids, 2008, 43, 837-842.	0.7	2

#	ARTICLE	IF	CITATIONS
19	On the precession of the elliptic mode shape of a circular ring owing to nonlinear effects. <i>Mechanics of Solids</i> , 2015, 50, 1-5.	0.7	2
20	Limiting accuracy of an ideal gyroscope. <i>Doklady Physics</i> , 2006, 51, 517-519.	0.7	1
21	Pseudolinear approximation in the averaging method. <i>Doklady Physics</i> , 2009, 54, 252-254.	0.7	1
22	History of the law of dry friction. <i>Doklady Physics</i> , 2010, 55, 344-345.	0.7	1
23	Impact self-excited vibrations of linear motor. <i>Mechanics of Solids</i> , 2010, 45, 497-500.	0.7	1
24	Self-excited yawing vibrations of railway cars. <i>Mechanics of Solids</i> , 2013, 48, 1-5.	0.7	1
25	Dmitrii Evgen'evich Okhotsimskii (obituary). <i>Russian Mathematical Surveys</i> , 2006, 61, 545-549.	0.6	0
26	Self-vibration-induced wear of a friction pair. <i>Mechanics of Solids</i> , 2009, 44, 813-817.	0.7	0
27	A survey of A. Yu. Ishlinsky's papers on the occasion of his 100th birthday. <i>Mechanics of Solids</i> , 2013, 48, 483-489.	0.7	0