

# Natalia V Naumova

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

93  
citations

1937685

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h-index

1474206

9  
g-index

23  
all docs

23  
docs citations

23  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relativistic generation of isolated attosecond pulses: a different route to extreme intensity. Journal of Modern Optics, 2005, 52, 305-319.	1.3	28
2	Deformation behaviors of a TiZrNiCuBe bulk metallic glass under shock loading. Journal of Alloys and Compounds, 2010, 505, 501-504.	5.5	19
3	Effect of velocity nonuniformity on the dynamic recrystallization of metals in shock waves. Technical Physics Letters, 2010, 36, 1125-1128.	0.7	11
4	A novel approach to suppression of oscillations. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2018, 98, 781-788.	1.6	7
5	Elastic-plastic deformations of SD-beams. , 2015, , .		5
6	Influence of high-velocity impact on metals. International Journal of Impact Engineering, 2006, 33, 62-67.	5.0	4
7	Distinctive physical effects and applications approaching the relativistic lambda-cubed regime. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 223-232.	2.9	4
8	Dynamic properties of bulk metallic glass on the base of Zr. AIP Conference Proceedings, 2012, , .	0.4	2
9	Effect of Reloading on Dynamic Recrystallization in Shock Deformed Aluminum Alloy. Materials Science Forum, 0, 794-796, 755-760.	0.3	2
10	Relationship between the Udwadia-Kalaba equations and the generalized Lagrange and Maggi equations. Vestnik St Petersburg University: Mathematics, 2016, 49, 81-84.	0.4	2
11	Long-wave oscillations and waves in anisotropic beams. Vestnik St Petersburg University: Mathematics, 2017, 50, 198-207.	0.4	2
12	Influence of climatypes of Scots pine on certain chemical and microbiological characteristics of soils. Contemporary Problems of Ecology, 2009, 2, 147-151.	0.7	1
13	Investigation of High-Speed Loading Effects on the Properties of Ferromagnetic Alloys Processed in an External Magnetic Field. Applied Mechanics and Materials, 2014, 566, 542-547.	0.2	1
14	On the frequency spectrum of free vibrations of membranes and plates in contact with a fluid. Vestnik St Petersburg University: Mathematics, 2016, 49, 68-76.	0.4	1
15	Deformation of a plate with periodically changing parameters. AIP Conference Proceedings, 2018, , .	0.4	1
16	OPTIMAL DESIGN OF VIBRATING RING-STIFFENED CYLINDRICAL SHELL. , 2014, , .		1
17	Study of orientational order in thin films of disklike heptameric polycyclosiloxane molecules by means of the oblique-polarized-ray method. Journal of Optical Technology (A Translation of) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5		
18	Influence of geographic populations on the elemental composition of pine phytomass and soil. Journal of Surface Investigation, 2011, 5, 1091-1097.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Mathematical modelling of cylindrical shell vibrations under internal pressure of fluid flow. , 2015, , .		0
20	Evaluation of the properties of 2,4,6-tri-tert-butylphenol, a vulcanization inhibitor for butyl rubber-based composite material. Russian Journal of General Chemistry, 2016, 86, 1479-1483.	0.8	0
21	HARMONIC AND RANDOM VIBRATIONS OF AN ANISOTROPIC BEAM. , 2017, , .		0
22	Elements of the Motion Control. Foundations in Engineering Mechanics, 2021, , 229-248.	0.1	0