

# Gregory V Fedotenkov

## List of Publications by Year in descending order

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30  
papers

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citations

1307594

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h-index

1199594

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31  
times ranked

23  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Model of Heating an Isotropic Half-Space by a Moving Laser Source with a Gaussian Distribution. <i>Symmetry</i> , 2022, 14, 650.	2.2	16
2	Non-stationary Contact Problems for Thin Shells and Solids. <i>Structural Integrity</i> , 2020, , 287-292.	1.4	2
3	Impact of Transient Pressure on a Half-Space with Membrane Type Coating. <i>Structural Integrity</i> , 2020, , 312-315.	1.4	2
4	Spatial Non-Stationary Contact Problem for a Cylindrical Shell And Absolutely Rigid Body. <i>Mechanics of Solids</i> , 2020, 55, 366-376.	0.7	4
5	Transient Interaction of Rigid Indenter with Elastic Half-plane with Adhesive Force. <i>Lobachevskii Journal of Mathematics</i> , 2019, 40, 489-498.	0.9	8
6	Identification of Non-stationary Load Upon Timoshenko Beam. <i>Lobachevskii Journal of Mathematics</i> , 2019, 40, 439-447.	0.9	17
7	Finite element modeling of the contact interaction of the acetabular component and acetabulum. <i>Journal of Physics: Conference Series</i> , 2019, 1158, 032017.	0.4	1
8	Three-Dimensional Non-stationary Motion of Timoshenko-Type Circular Cylindrical Shell. <i>Lobachevskii Journal of Mathematics</i> , 2019, 40, 311-320.	0.9	8
9	Transient Contact Problem for Liquid Filled Concentric Spherical Shells and a Rigid Barrier. <i>Structural Integrity</i> , 2019, , 389-391.	1.4	4
10	Analytical Solutions of Some Nonstationary Contact Problems with Moving Boundaries. <i>Structural Integrity</i> , 2019, , 383-384.	1.4	0
11	The Unsteady Contact Interaction Problem of an Absolutely Rigid Body and a Membrane. <i>Structural Integrity</i> , 2019, , 289-293.	1.4	2
12	Transient Spatial Motion of Cylindrical Shell Under Influence of Non-stationary Pressure. <i>Structural Integrity</i> , 2019, , 264-269.	1.4	4
13	Elastic ball under non-stationary axially symmetrical volume forces. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2017, 97, 25-37.	1.6	1
14	Acoustic impact on the laminated plates placed between barriers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 158, 012075.	0.6	1
15	Transient reaction of an elastic half-plane on a source of a concentrated boundary disturbance. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 158, 012073.	0.6	6
16	Unsteady axisymmetric deformation of an elastic space with a spherical cavity under the action of body forces. <i>Moscow University Mechanics Bulletin</i> , 2016, 71, 87-92.	0.3	5
17	A NONSTATIONARY DYNAMIC PROBLEM ON THE EFFECTS OF SURFACE LOADS ON A HALF-SPACE WITH A NANOSIZED STRUCTURE WITHIN THE FRAMEWORK OF THE COSSERAT MEDIUM MODEL. <i>International Journal of Nanomechanics Science and Technology</i> , 2016, 7, 61-75.	0.5	2
18	NON-STATIONARY PROBLEMS FOR ELASTIC HALF-PLANE WITH MOVING POINT OF CHANGING BOUNDARY CONDITIONS. <i>PNRPU Mechanics Bulletin</i> , 2016, 3, 188-206.	0.4	2

#	ARTICLE	IF	CITATIONS
19	A nonstationary axially symmetric electromagnetic field in a moving sphere. Doklady Physics, 2015, 60, 433-436.	0.7	0
20	Unsteady axisymmetric deformation of an elastic thick-walled sphere under the action of volume forces. Journal of Applied Mechanics and Technical Physics, 2015, 56, 984-994.	0.5	7
21	Integrated representation of the characteristics of an unsteady electromagnetic field in a moving half-plane. Doklady Physics, 2015, 60, 1-4.	0.7	1
22	Nonstationary 3D motion of an elastic spherical shell. Mechanics of Solids, 2015, 50, 208-217.	0.7	17
23	Two-dimensional nonstationary contact of elastic cylindrical or spherical shells. Journal of Machinery Manufacture and Reliability, 2014, 43, 145-152.	0.5	22
24	The plane problem of the impact of a rigid body on a half-space modelled by a Cosserat medium. Prikladnaya Matematika I Mekhanika, 2012, 76, 511-518.	0.4	13
25	Nonstationary axisymmetric problem of the impact of a spherical shell on an elastic half-space (initial) Tj ETQq1 1 0,784314 rgBT /Overlo 0,7 22	0.7	22
26	Propagation of unsteady bulk perturbations in an elastic half-plane. Mechanics of Solids, 2011, 46, 266-274.	0.7	2
27	Propagation of unsteady waves in an elastic layer. Mechanics of Solids, 2011, 46, 779-787.	0.7	11
28	The propagation of time-dependent radial perturbations from a spherical cavity in an electromagnetoelastic space. Doklady Physics, 2010, 55, 468-470.	0.7	2
29	One-dimensional time-dependent waves in an electromagnetoelastic half-space or in a layer. Doklady Physics, 2009, 54, 262-264.	0.7	3
30	Heat transfer under conditions of phase transitions in bodies with anisotropic properties. High Temperature, 2006, 44, 752-759.	1.0	1