

# Gregory V Fedotenkov

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

186  
citations

1307594

7  
h-index

1199594

12  
g-index

31  
all docs

31  
docs citations

31  
times ranked

23  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Nonstationary axisymmetric problem of the impact of a spherical shell on an elastic half-space (initial) Tj ETQq1 1 0,784314 rgBT /Ovele                                      | 0,7 | 22        |
| 2  | Two-dimensional nonstationary contact of elastic cylindrical or spherical shells. Journal of Machinery Manufacture and Reliability, 2014, 43, 145-152.                        | 0.5 | 22        |
| 3  | Nonstationary 3D motion of an elastic spherical shell. Mechanics of Solids, 2015, 50, 208-217.  | 0.7 | 17        |
| 4  | Identification of Non-stationary Load Upon Timoshenko Beam. Lobachevskii Journal of Mathematics, 2019, 40, 439-447.   | 0.9 | 17        |
| 5  | Analytical Model of Heating an Isotropic Half-Space by a Moving Laser Source with a Gaussian Distribution. Symmetry, 2022, 14, 650.   | 2.2 | 16        |
| 6  | 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        |
| 7  | Propagation of unsteady waves in an elastic layer. Mechanics of Solids, 2011, 46, 779-787.  | 0.7 | 11        |
| 8  | Transient Interaction of Rigid Indenter with Elastic Half-plane with Adhesive Force. Lobachevskii Journal of Mathematics, 2019, 40, 489-498.                                  | 0.9 | 8         |
| 9  | Three-Dimensional Non-stationary Motion of Timoshenko-Type Circular Cylindrical Shell. Lobachevskii Journal of Mathematics, 2019, 40, 311-320.                                | 0.9 | 8         |
| 10 | 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         |
| 11 | Transient reaction of an elastic half-plane on a source of a concentrated boundary disturbance. IOP Conference Series: Materials Science and Engineering, 2016, 158, 012073.  | 0.6 | 6         |
| 12 | Unsteady axisymmetric deformation of an elastic space with a spherical cavity under the action of body forces. Moscow University Mechanics Bulletin, 2016, 71, 87-92.         | 0.3 | 5         |
| 13 | Transient Contact Problem for Liquid Filled Concentric Spherical Shells and a Rigid Barrier. Structural Integrity, 2019, , 389-391.   | 1.4 | 4         |
| 14 | Spatial Non-Stationary Contact Problem for a Cylindrical Shell And Absolutely Rigid Body. Mechanics of Solids, 2020, 55, 366-376.   | 0.7 | 4         |
| 15 | Transient Spatial Motion of Cylindrical Shell Under Influence of Non-stationary Pressure. Structural Integrity, 2019, , 264-269.  | 1.4 | 4         |
| 16 | One-dimensional time-dependent waves in an electromagnetoelastic half-space or in a layer. Doklady Physics, 2009, 54, 262-264.  | 0.7 | 3         |
| 17 | The propagation of time-dependent radial perturbations from a spherical cavity in an electromagnetoelastic space. Doklady Physics, 2010, 55, 468-470.                         | 0.7 | 2         |
| 18 | Propagation of unsteady bulk perturbations in an elastic half-plane. Mechanics of Solids, 2011, 46, 266-274.  | 0.7 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Non-stationary Contact Problems for Thin Shells and Solids. Structural Integrity, 2020, , 287-292.   | 1.4 | 2         |
| 20 | Impact of Transient Pressure on a Half-Space with Membrane Type Coating. Structural Integrity, 2020, , 312-315.  | 1.4 | 2         |
| 21 | 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. International Journal of Nanomechanics Science and Technology, 2016, 7, 61-75. | 0.5 | 2         |
| 22 | NON-STATIONARY PROBLEMS FOR ELASTIC HALF-PLANE WITH MOVING POINT OF CHANGING BOUNDARY CONDITIONS. PNRPU Mechanics Bulletin, 2016, 3, 188-206.  | 0.4 | 2         |
| 23 | The Unsteady Contact Interaction Problem of an Absolutely Rigid Body and a Membrane. Structural Integrity, 2019, , 289-293.  | 1.4 | 2         |
| 24 | Heat transfer under conditions of phase transitions in bodies with anisotropic properties. High Temperature, 2006, 44, 752-759.  | 1.0 | 1         |
| 25 | Integrated representation of the characteristics of an unsteady electromagnetic field in a moving half-plane. Doklady Physics, 2015, 60, 1-4.  | 0.7 | 1         |
| 26 | Acoustic impact on the laminated plates placed between barriers. IOP Conference Series: Materials Science and Engineering, 2016, 158, 012075.  | 0.6 | 1         |
| 27 | Elastic ball under non-stationary axially symmetrical volume forces. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2017, 97, 25-37.   | 1.6 | 1         |
| 28 | Finite element modeling of the contact interaction of the acetabular component and acetabulum. Journal of Physics: Conference Series, 2019, 1158, 032017.  | 0.4 | 1         |
| 29 | A nonstationary axially symmetric electromagnetic field in a moving sphere. Doklady Physics, 2015, 60, 433-436.  | 0.7 | 0         |
| 30 | Analytical Solutions of Some Nonstationary Contact Problems with Moving Boundaries. Structural Integrity, 2019, , 383-384.   | 1.4 | 0         |