## Georgiy M Sevastyanov

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Local Adiabatic Heating Effect in Finite-Strain Elastic-Plastic Torsion. Journal of Applied Mechanics and Technical Physics, 2019, 60, 1104-1114.   | 0.5 | 6         |
| 2  | Numerical simulation features of continuous casting process form AD31 (ĐĐ"31) alloy using finite-difference and finite-element models. Non-ferrous Metals, 2015, , 25-29.                 | 0.2 | 6         |
| 3  | Finite Strain upon Elastic–Plastic Torsion of an Incompressible Circular Cylinder. Doklady Physics, 2018, 63, 393-395.  | 0.7 | 5         |
| 4  | Analytical solution for high-pressure torsion in the framework of geometrically nonlinear non-associative plasticity. International Journal of Solids and Structures, 2020, 206, 383-395. | 2.7 | 4         |
| 5  | Torsion with Circular Shear of a Mooney–Rivlin Solid. Mechanics of Solids, 2020, 55, 273-276.   | 0.7 | 3         |
| 6  | Adiabatic heating effect in elastic-plastic contraction / expansion of spherical cavity in isotropic incompressible material. European Journal of Mechanics, A/Solids, 2021, 87, 104223.  | 3.7 | 3         |
| 7  | Creep relaxation in nonlinear viscoelastic twisted rods. ZAMM Zeitschrift Fur Angewandte<br>Mathematik Und Mechanik, 0, , .   | 1.6 | 2         |
| 8  | Filtration and heat processes in lateral extrusion of plastically compressible materials. Journal of Physics: Conference Series, 2019, 1203, 012022.                                      | 0.4 | 0         |
| 9  | PLASTIC TORSION AT HIGH PRESSURE WITH NON-UNIFORM STRESS STATE. Mechanics of Solids, 2021, 56, 368-375.   | 0.7 | 0         |
| 10 | Experimental determination of energy-power parameters and components of deformation during cyclic forming of material. Metal Working and Material Science, 2015, , 33-41.                 | 0.3 | 0         |
| 11 | Exact Analytical Solution of One Problem on Planar Deformation of Nonlinear-Elastic Media. Journal of Siberian Federal University - Mathematics and Physics, 2015, 8, 352-355.            | 0.3 | 0         |
| 12 | Densification of a Viscous Porous Layer with Consideration for Elastic Effects. Journal of Siberian Federal University - Mathematics and Physics, 2017, 10, 345-352.                      | 0.3 | 0         |
| 13 | Approximate Analysis of Extrusion Process for Green Type Porous Material. Mechanics of Solids, 2021, 56, 1363-1372.   | 0.7 | 0         |