

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.	0.1	6
2	Numerical simulation features of continuous casting process form AD31 (ÐÐ”31) alloy using finite-difference and finite-element models. Non-ferrous Metals, 2015, , 25-29.	0.4	6
3	Finite Strain upon Elastic–Plastic Torsion of an Incompressible Circular Cylinder. Doklady Physics, 2018, 63, 393-395.	0.2	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.	1.3	4
5	Torsion with Circular Shear of a Mooney–Rivlin Solid. Mechanics of Solids, 2020, 55, 273-276.	0.3	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.	2.1	3
7	Creep relaxation in nonlinear viscoelastic twisted rods. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 0, , .	0.9	2
8	Filtration and heat processes in lateral extrusion of plastically compressible materials. Journal of Physics: Conference Series, 2019, 1203, 012022.	0.3	0
9	PLASTIC TORSION AT HIGH PRESSURE WITH NON-UNIFORM STRESS STATE. Mechanics of Solids, 2021, 56, 368-375.	0.3	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.	0.0	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.	0.2	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.	0.2	0
13	Approximate Analysis of Extrusion Process for Green Type Porous Material. Mechanics of Solids, 2021, 56, 1363-1372.	0.3	0