Anton S Chepurnenko

List of Publications by Year
in descending order

25 papers	204 citations	1163117 8 h-index	1125743 13 g-index
25 all docs	25 docs citations	25 times ranked	37 citing authors

#	Article	IF	Citations
1	On the Bending of a Thin Plate at Nonlinear Creep. Advanced Materials Research, 2014, 900, 707-710.	0.3	30
2	Energy Method in the Calculation Stability of Compressed Polymer Rods Considering Creep. Advanced Materials Research, 2014, 1004-1005, 257-260.	0.3	28
3	Calculation of Three-Layer Panels with Polyurethane Foam Filler Taking into Account the Rheological Properties of the Middle Layer. Materials Science Forum, 2018, 935, 144-149.	0.3	18
4	Calculation of Prestressed Concrete Cylinder Considering Creep of Concrete. Procedia Engineering, 2016, 165, 1853-1857.	1.2	17
5	Model of Equal-Stressed Cylinder Based on the Mohr Failure Criterion. Advanced Materials Research, 2014, 887-888, 869-872.	0.3	13
6	Calculation of the Three-layer Shell Taking into Account Creep. Procedia Engineering, 2016, 165, 990-994.	1.2	13
7	Calculation of the rotation shells on axisymmetric load taking the creep into account. MATEC Web of Conferences, 2017, 106, 04011.	0.2	12
8	Calculation of Creep of Circular Cylindrical Shell by Bending Theory. Procedia Engineering, 2016, 165, 1141-1146.	1.2	8
9	Calculation of shallow polymer shell taking the creep into account. MATEC Web of Conferences, 2017, 106, 04010.	0.2	8
10	Finite Element Modeling of the Creep of Shells of Revolution Under Axisymmetric Loading. Advances in Intelligent Systems and Computing, 2018, , 808-817.	0.6	8
11	CALCULATION OF THE THREE-LAYER SHALLOW SHELL TAKING INTO ACCOUNT THE CREEP OF THE MIDDLE LAYER. Vestnik MGSU, 2015, , 17-24.	0.6	8
12	Calculation of a three-layer plate by the finite element method taking into account the creep of the filler. MATEC Web of Conferences, 2017, 129, 05008.	0.2	7
13	Calculation of orthotropic plates for creep taking into account shear deformations. MATEC Web of Conferences, 2018, 196, 01002.	0.2	7
14	Free Torsion of Viscoelastic Rod with Non-circular Cross-section. Procedia Engineering, 2016, 165, 1147-1151.	1.2	4
15	Finite-element modeling of loading of spring from an orthotropic material. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012099.	0.3	4
16	Calculation of the Rectangular Cross-Section Beams On the Side Buckling Taking into Account Creep. IOP Conference Series: Materials Science and Engineering, 2019, 661, 012004.	0.6	4
17	Simplified 2D Finite Element Model for Calculation of the Bearing Capacity of Eccentrically Compressed Concrete-Filled Steel Tubular Columns. Applied Sciences (Switzerland), 2021, 11, 11645.	2.5	4
18	Calculation of the bending of electromechanical aircraft element made of the carbon fiber. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012046.	0.3	3

#	Article	IF	Citations
19	Optimization of Thick-Walled Viscoelastic Hollow Polymer Cylinders by Artificial Heterogeneity Creation: Theoretical Aspects. Polymers, 2021, 13, 2408.	4.5	3
20	MODELING OF STRESS-STRAIN STATE OF THICK CONCRETE SLABS TAKING THE CREEP OF CONCRETE INTO ACCOUNT. International Journal for Computational Civil and Structural Engineering, 2017, 13, 140-148.	0.7	2
21	Determination of Rheological Parameters of Polymer Materials Using Nonlinear Optimization Methods. Lecture Notes in Civil Engineering, 2021, , 587-594.	0.4	2
22	Stress-strain state of the short eccentrically compressed reinforced concrete columns with nonlinear creep. E3S Web of Conferences, 2021, 281, 01049.	0.5	1
23	Numerical and analytical calculation of the buckling of elastic prismatic rods under the action of axial compressive loading with account for the dead load. Vestnik MGSU, 2021, , 30-40.	0.6	0
24	Numerical-analytical calculation of a cylindrical reservoir taking into account creep. E3S Web of Conferences, 2021, 281, 01019.	0.5	0
25	Nonlinear Rheological Processes Modeling in Three-Layer Plates with a Polyurethane Foam Core. Polymers, 2022, 14, 2093.	4.5	0