

Mikhail Chebakov

List of Publications by Year in descending order

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33
papers

119
citations

1684188

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1372567

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34
all docs

34
docs citations

34
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical study of steel pipe with part-wall defect reinforced with fibre glass sleeve. <i>International Journal of Pressure Vessels and Piping</i> , 2017, 149, 108-119.	2.6	40
2	Finite-Element Modeling of a Damaged Pipeline Repaired Using the Wrap of a Composite Material. <i>Mechanics of Composite Materials</i> , 2015, 51, 333-340.	1.4	15
3	Contact strength of a two-layer covering under friction forces in the contact region. <i>Mechanics of Solids</i> , 2007, 42, 157-165.	0.7	6
4	Finite Element Stress Analysis of Pipelines with Advanced Composite Repair. <i>Engineering Materials</i> , 2018, , 289-309.	0.6	6
5	The thermoelasticity of a moving punch when the heat release from friction is taken into account. <i>Prikladnaya Matematika I Mekhanika</i> , 1994, 58, 539-544.	0.4	5
6	Asymptotic solution of contact problems for a relatively thick elastic layer when there are friction forces in the contact area. <i>Prikladnaya Matematika I Mekhanika</i> , 2005, 69, 296-304.	0.4	5
7	Contact Interaction of an Axisymmetric Stamp and an Elastic Layer Fixed on a Poroelastic Base. <i>Mechanics of Composite Materials</i> , 2021, 56, 769-778.	1.4	5
8	Probabilistic-Information Approach to Assessing the Reliability of the Results of the Acoustic-Emission Method of Testing and Diagnostics. <i>Russian Journal of Nondestructive Testing</i> , 2021, 57, 375-382.	0.9	5
9	Analytical Solution of Axisymmetric Contact Problem for a Poroelastic Layer. <i>Mechanics of Solids</i> , 2020, 55, 857-864.	0.7	5
10	Embedding of a punch in the form of an elliptic paraboloid into an elastic spatial wedge. <i>Prikladnaya Matematika I Mekhanika</i> , 1992, 56, 244-252.	0.4	4
11	To the theory of analysis of a two-layer cylindrical bearing. <i>Mechanics of Solids</i> , 2009, 44, 473-479.	0.7	4
12	Simulation of a nonstationary contact in a sliding bearing with allowance for frictional heating and convective heat transfer. <i>Journal of Machinery Manufacture and Reliability</i> , 2016, 45, 156-162.	0.5	4
13	The contact problem for a two-layer spherical base. <i>Prikladnaya Matematika I Mekhanika</i> , 2010, 74, 673-678.	0.4	3
14	Contact Interaction Between Parabolic Punch and Elastic Strip Bonded to Poroelastic Half-Plane. <i>Springer Proceedings in Materials</i> , 2021, , 321-330.	0.3	3
15	Contact problems for a triple-layer strip in the presence of friction forces. <i>Prikladnaya Matematika I Mekhanika</i> , 2012, 76, 552-557.	0.4	2
16	Modeling of Corrosion in Filler Defect in the Repair of Pipes Overlay Composite Bandage. <i>Springer Proceedings in Physics</i> , 2017, , 373-380.	0.2	2
17	On the Reissner-Sagoci problem. <i>Soviet Applied Mechanics</i> , 1973, 9, 1316-1320.	0.0	1
18	On the method of homogeneous solutions in mixed problems of the theory of elasticity for a truncated wedge and a ring sector. <i>Prikladnaya Matematika I Mekhanika</i> , 1983, 47, 639-645.	0.4	1

#	ARTICLE	IF	CITATIONS
19	The contact problem for a double-layer cylindrical base with account of friction forces. Journal of Friction and Wear, 2008, 29, 477-482.	0.5	1
20	Stress Assessment for a Pipeline Segment with Volumetric Surface Defects Repaired Using Composite Materials. Springer Proceedings in Physics, 2017, , 361-372.	0.2	1
21	Thermo-physical Processes in Boundary Layers of Metal-Polymeric Systems. Springer Proceedings in Physics, 2016, , 527-538.	0.2	1
22	Certain contact problems of the theory of elasticity for an annular sector and a spherical layer sector. Prikladnaya Matematika I Mekhanika, 1987, 51, 76-82.	0.4	0
23	Planar contact problem for a body of rectangular cross section in a prestressed state. Soviet Applied Mechanics, 1990, 26, 1187-1194.	0.0	0
24	Exact solution of the antiplane contact problem for finite canonical domains. Prikladnaya Matematika I Mekhanika, 1990, 54, 688-691.	0.4	0
25	An efficient technique for solving a class of infinite systems in contact problems in the theory of elasticity. Prikladnaya Matematika I Mekhanika, 1991, 55, 279-282.	0.4	0
26	Three-dimensional contact problem for a layer with allowance for friction in an unknown contact area. Doklady Physics, 2002, 47, 238-240.	0.7	0
27	The contact problem when there are friction forces in the contact area for a three-component cylindrical base. Prikladnaya Matematika I Mekhanika, 2014, 78, 181-186.	0.4	0
28	Finite-Element Modeling of a Repaired Pipeline Containing Two Volumetric Surface Defects. Engineering Materials, 2018, , 311-320.	0.6	0
29	Analytical Modeling of the Damaged Zone of Pipelines Repaired with Composite Materials Systems. Engineering Materials, 2018, , 369-386.	0.6	0
30	Contact Problem for a Cylindrical Waveguide With a Periodic Structure. Mechanics of Solids, 2019, 54, 717-725.	0.7	0
31	MODELLING OF THERMOELASTIC TRANSIENT CONTACT INTERACTION FOR BINARY BEARING TAKING INTO ACCOUNT CONVECTION. Transport Problems, 2017, 11, 73-81.	0.6	0
32	CONTACT PROBLEM FOR A TWO-LAYERED CYLINDER. Vestnik of Don State Technical University, 2018, 18, 265-270.	0.4	0
33	CONTACT INTERACTION OF AN AXISYMMETRIC PUNCH AND A POROELASTIC LAYER FIXED ON AN ELASTIC BASE. Mechanics of Solids, 2022, 57, 508-514.	0.7	0