

Vladlen Nazarov

List of Publications by Year in descending order

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17
papers

28
citations

2258059

3
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2053705

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17
all docs

17
docs citations

17
times ranked

4
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the creep and long-term strength of VT6 titanium alloy with preliminarily injected hydrogen. <i>Materials Science</i> , 2008, 44, 700-707.	0.9	7
2	Experimental and theoretical study of the effect of hydrogen on the creep and long-term strength of VT6 titanium alloy. <i>Russian Metallurgy (Metally)</i> , 2008, 2008, 142-147.	0.5	5
3	Long-term strength of metals under an equiaxial plane stress state. <i>Journal of Applied Mechanics and Technical Physics</i> , 2009, 50, 670-676.	0.5	3
4	Determination of creep properties under tension and torsion of copper tubular specimens. <i>Inorganic Materials</i> , 2014, 50, 1514-1515.	0.8	3
5	Method for modeling the modes of induction heating of turbine blades. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 950, 012022.	0.6	3
6	Modeling the effect of diffusion of the ambient medium on the long-term strength of a hollow cylinder under uniaxial tension. <i>Journal of Applied Mechanics and Technical Physics</i> , 2007, 48, 542-546.	0.5	1
7	Modelling the stressed state of thermal protective coating of turbine blades taking into account action forces from the gas flow. <i>Journal of Physics: Conference Series</i> , 2019, 1359, 012101.	0.4	1
8	A METHOD OF CALCULATING CREEP LIMITS. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2017, , 36-42.	0.1	1
9	Analysis of two methods for calculating the ultimate stresses of creep and creep rupture processes. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2019, , 28-36.	0.1	1
10	ANALYSIS OF TWO CREEP RUPTURE MODEL. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2019, , 73-80.	0.1	1
11	A mathematical model of the creep process until the beginning time of the shape change. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
12	Analysis of various equivalent stress options for describing the creep rupture process under a complex stress state. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
13	Approximation of the creep curve up to the moment of necking. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2020, , 61-66.	0.1	0
14	Selection of complex equivalent stress for two different variants of the plane stress state. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2021, , 64-72.	0.1	0
15	Review of experimental data on mechanical tests of titanium alloys. <i>Procedia Structural Integrity</i> , 2022, 40, 325-333.	0.8	0
16	Review of the analysis of the experimental data on secondary creep and creep rupture. <i>Procedia Structural Integrity</i> , 2022, 40, 334-340.	0.8	0
17	Choice of complex equivalent stress for two different variants of the plane stress state. <i>Procedia Structural Integrity</i> , 2022, 40, 348-353.	0.8	0