

Irina Veretennikova

List of Publications by Year in descending order

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16
papers

91
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of Epoxy Resin with Silica Nanoparticles and Process Engineering of Composites Based on Them. <i>Mechanics of Composite Materials</i> , 2015, 51, 531-538.	1.4	25
2	The application of magnetic structural phase analysis for the diagnostics of the State of a 08X18H10T Steel-Ct3 Steel composite material and its components that were subjected to plastic deformation. <i>Russian Journal of Nondestructive Testing</i> , 2012, 48, 346-356.	0.9	11
3	Study of the Hardness and Elastic Modulus of Cementite in the Structure of Granular Pearlite by the Nano-Indentation Method. <i>Metal Science and Heat Treatment</i> , 2014, 56, 330-335.	0.6	11
4	Effect of fillers in epoxy coatings based on the ED-20 resin on the mechanical properties determined by instrumented microindentation. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	8
5	Structure and properties of explosion-welded composite from steels 12Kh18N10T and 20. <i>Metal Science and Heat Treatment</i> , 2009, 51, 444-449.	0.6	7
6	Determining the strength properties of individual layers of strained laminated composites by kinetic indentation. <i>Russian Journal of Nondestructive Testing</i> , 2011, 47, 852-857.	0.9	7
7	Studying the Viscoelastic Properties of an Epoxy Resin Strengthened with Silicon Dioxide Nanoparticles by Instrumented Microindentation. <i>Mechanics of Composite Materials</i> , 2019, 55, 337-348.	1.4	6
8	The laser-welded joint of an austenitic corrosion-resistant steel and a titanium alloy with an intermediate copper insert. <i>Letters on Materials</i> , 2018, 8, 42-47.	0.7	4
9	Study on mechanical properties of a bimetallic composite produced by explosion welding under incremental plastic deformation. <i>Letters on Materials</i> , 2018, 8, 215-219.	0.7	4
10	Studying a heterogeneous material based on epoxy oligomer filled with silica by microindentation. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
11	Patterns of the change in the mechanical properties of a bimetallic welded joint under plastic deformation. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
12	Investigation of local mechanical properties of materials in welded joints of the VT1-0 titanium alloy and the 12Cr18Ni10Ti austenitic corrosion resistant steel with an intermediate copper insert with the use of a nanomechanical testing system. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	1
13	Structural state and geometric representation of a laser-welded joint between corrosion-resistant steel and titanium alloy with copper insert. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
14	Effect of Modifying Dopes on the Mechanical Properties of Epoxy Coatings Affected by Thermocycling. <i>Procedia Structural Integrity</i> , 2020, 25, 209-213.	0.8	1
15	Effect of the Stress State on the Adhesive Strength of an Epoxy-Bonded Assembly. <i>Frattura Ed Integrita Strutturale</i> , 2022, 16, 311-325.	0.9	1
16	Effect of Steplike Plastic Deformation on the Mechanical Properties and the Fracture of the Bimetal Produced by Exposition Welding. <i>Russian Metallurgy (Metally)</i> , 2019, 2019, 556-564.	0.5	0