

Dmitrii Kononov

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

62
citations

1937685

4
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite element simulation of nanostructuring burnishing. <i>Physical Mesomechanics</i> , 2013, 16, 62-72.	1.9	36
2	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
3	Determination of metal strain-hardening curves from conical-indenter impression results. <i>Russian Journal of Nondestructive Testing</i> , 2008, 44, 847-853.	0.9	6
4	Development of an Approach to Determining the Representative Volume Element of the Al/SiC Metal Matrix Composite Material Fabricated by Squeeze Casting. <i>Russian Metallurgy (Metally)</i> , 2020, 2020, 738-745.	0.5	4
5	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
6	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
7	Determining AlMg6/10%SiCp representative elementary volume size by kinetic indentation. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
8	Adhesive characteristics of epoxy glue in relation to the microgeometry of the substrate surface. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
9	Determining the strain resistance by means of conical indentors. <i>Steel in Translation</i> , 2007, 37, 255-255.	0.3	0
10	Taking into account the residual stresses during transverse calculation of the load frame to extend the service life above the warranty period. <i>Journal of Machinery Manufacture and Reliability</i> , 2016, 45, 233-238.	0.5	0
11	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
12	Yield Strength Evaluation of Dissimilar Components of Layered Steel/Steel Composite by Kinetic Indentation. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 5757-5763.	2.5	0
13	Estimating the repeatability of experimental data obtained in scratch testing of a polymer epoxy coating. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0