

Tatyana Tretyakova

List of Publications by Year in descending order

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12
papers

41
citations

1937685
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1872680
6
g-index

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all docs

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docs citations

12
times ranked

16
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of inhomogeneous fields under postcritical deformation of steel specimens in extension. <i>Mechanics of Solids</i> , 2016, 51, 612-618.	0.7	8
2	Influence the loading conditions and the stress concentrators on the spatial-time inhomogeneity due to the yield delay and the jerky flow: study by using the digital image correlation and the infrared analysis. <i>Frattura Ed Integrita Strutturale</i> , 2017, 11, 303-314.	0.9	6
3	Influence of additional vibration impact on kinetics of strain bands due to the Chernov-LÃ¼ders deformation and Portevin-Le Chatelier effect in metals. <i>Procedia Structural Integrity</i> , 2018, 13, 1739-1744.	0.8	5
4	Experimental study of the influence of strain-stress state on the jerky flow in metals and alloys. <i>Procedia Structural Integrity</i> , 2019, 17, 906-913.	0.8	5
5	Study of the spatial-time inhomogeneity of inelastic deformation and failure in bodies with concentrators by using the digital image correlation and infrared analysis. <i>Procedia Structural Integrity</i> , 2017, 5, 318-324.	0.8	4
6	Study of spatial-time inhomogeneity of serrated plastic flow Al-Mg alloy: using DIC-technique. <i>Frattura Ed Integrita Strutturale</i> , 2014, 8, 83-97.	0.9	3
7	Effect of quasi-periodic homogenization of plastic deformations in the process of tension of samples of an aluminum-magnesium alloy. <i>Doklady Physics</i> , 2015, 60, 131-134.	0.7	3
8	Investigation of the Portevin-Le Chatelier effect in metals under additional vibration impact by using the DIC-technique and the IR-analysis. <i>Procedia Structural Integrity</i> , 2019, 18, 837-842.	0.8	3
9	Regularities of mechanical behavior of steel 40Cr during the postcritical deformation of specimens in condition of necking effect at tension. <i>Frattura Ed Integrita Strutturale</i> , 2018, 12, 146-154.	0.9	3
10	Studying the influence of the loading system on the spatial-time inhomogeneity of inelastic deformation in metals by analyzing strain and temperature fields. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	1
11	Stable crack growth in Al-Cu-Mg alloy under various stiffness of loading system in bodies with concentrators. <i>Procedia Structural Integrity</i> , 2018, 13, 1774-1779.	0.8	0
12	The Spatial-Time Inhomogeneity of the Plastic Flow in Metals at Postcritical Deformation Stage: Experimental Study by Combined Use of the DIC Technique and IR Aanalysis. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2017, , 281-283.	0.5	0