Tatyana Tretyakova

List of Publications by Year
in descending order

12	41	1937685 4	1872680 6
papers	citations	h-index	g-index

12	12	12	16
all docs	docs citations	times ranked	citing authors

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