Fedor Fomin

List of Publications by Year
in descending order

10 papers	205 citations	1307594 7 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	212 citing authors

#	Article	IF	Citations
1	Probabilistic Reliability Assessment of a Component in the Presence of Internal Defects. Lecture Notes in Mechanical Engineering, 2020, , 488-502.	0.4	2
2	The Influence of Laser Shock Peening on Fatigue Properties of AA2024-T3 Alloy with a Fastener Hole. Metals, 2020, 10, 495.	2.3	14
3	On the application of laser shock peening for retardation of surface fatigue cracks in laser beamâ€welded AA6056. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 1500-1513.	3.4	20
4	Development of laser straightening (LS) strategies to remove distortion in welded aeronautical structures. AIP Conference Proceedings, 2019, , .	0.4	0
5	Surface modification methods for fatigue properties improvement of laser-beam-welded Ti-6Al-4V butt joints. Procedia Structural Integrity, 2018, 13, 273-278.	0.8	18
6	Probabilistic fatigue-life assessment model for laser-welded Ti-6Al-4V butt joints in the high-cycle fatigue regime. International Journal of Fatigue, 2018, 116, 22-35.	5.7	40
7	Metallurgical aspects of joining commercially pure titanium to Ti-6Al-4V alloy in a T-joint configuration by laser beam welding. International Journal of Advanced Manufacturing Technology, 2018, 97, 2019-2031.	3.0	26
8	Influence of Porosity on the High Cycle Fatigue Behaviour of Laser Beam Welded Ti-6Al-4V Butt Joints. Procedia Structural Integrity, 2017, 7, 415-422.	0.8	17
9	Effect of Nd:YAG laser beam welding on weld morphology and mechanical properties of Tiâ€“6Alâ€“4V butt joints and T-joints. Optics and Lasers in Engineering, 2016, 86, 172-180.	3.8	59
10	Effect of Microstructure Transformations on Fatigue Properties of Laser Beam Welded Tiâ€6Alâ€4V Butt Joints Subjected to Postweld Heat Treatment. , 0, , .		8