Arkadiusz Bednarz

List of Publications by Year
in descending order

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Version: 2024-02-01

12 papers	90 citations	1937685 4 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	67 citing authors

#	Article	IF	Citations
1	Technological Aspects of a Reparation of the Leading Edge of Helicopter Main Rotor Blades in Field Conditions. Applied Sciences (Switzerland), 2022, 12, 4249.	2.5	2
2	Numerical and Experimental Assessment of the Effect of Residual Stresses on the Fatigue Strength of an Aircraft Blade. Materials, 2021, 14, 5279.	2.9	3
3	Material Model Effect for Simulating a Single-Lap Joint with a Blind Rivet. Materials, 2021, 14, 7236.	2.9	0
4	Assessment of the Impact of Shot-Peening on the Fatigue Life of a Compressor Blade Subjected to Resonance Vibrations. Materials, 2020, 13, 5726.	2.9	4
5	Evaluation of Material Data to the Numerical Strain-Life Analysis of the Compressor Blade Subjected to Resonance Vibrations. Advances in Science and Technology Research Journal, 2020, 14, 184-190.	0.8	4
6	Influence of the Amplitude of Resonance Vibrations on Fatigue Life of a Compressor Blade with Simulated FOD Damage. Advances in Science and Technology Research Journal, 2020, 14, 22-29.	0.8	7
7	Influence of the Cyclic Hardening Model on the Results of the Numerical Analysis of Fatigue Life on Example of the Compressor Blade. Journal of KONES, 2019, 26, 7-14.	0.2	1
8	Experimental and theoretical analysis of solid particle erosion of a steel compressor blade based on incubation time concept. Engineering Failure Analysis, 2018, 87, 15-21.	4.0	37
9	The structural properties of Zr-based bulk metallic glasses subjected to high pressure torsion at different temperatures. AIP Conference Proceedings, 2016, , .	0.4	4
10	The use of image analysis in evaluation of the fibers orientation in Wood-polymer composites (WPC). Open Engineering, 2016, 6, .	1.6	6
11	Experimental Fatigue Analysis of Compressor Blades with Preliminary Defects. Solid State Phenomena, 2016, 250, 263-269.	0.3	0
12	Fatigue analysis of compressor blade with simulated foreign object damage. Engineering Failure Analysis, 2015, 58, 229-237.	4.0	20