

# Arkadiusz Bednarz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4125044/publications.pdf>

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