

Radosław Przysowa

List of Publications by Year in descending order

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35
papers

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47
all docs

47
docs citations

47
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Materials and Technologies for Compressor Blades of Small Turbofan Engines. Aerospace, 2021, 8, 1.	1.1	33
2	Performance and Emissions of a Microturbine and Turbofan Powered by Alternative Fuels. Aerospace, 2021, 8, 25.	1.1	21
3	Tip-Clearance Measurement in the First Stage of the Compressor of an Aircraft Engine. Sensors, 2016, 16, 1897.	2.1	18
4	Inductive sensors for blade tip-timing in gas turbines. Journal of KONBiN, 2015, 36, 147-164.	0.1	13
5	Determination of Serviceability Limits of a Turboshaft Engine by the Criterion of Blade Natural Frequency and Stall Margin. Aerospace, 2019, 6, 132.	1.1	13
6	Non-Contact Measurement of Blade Vibration in an Axial Compressor. Sensors, 2020, 20, 68.	2.1	12
7	Health and Durability of Protective and Thermal Barrier Coatings Monitored in Service by Visual Inspection. Coatings, 2022, 12, 624.	1.2	10
8	High Temperature Magnetic Sensors for the Hot Section of Aeroengines. Aerospace, 2021, 8, 261.	1.1	9
9	Polish experience from the operation of helicopters under harsh conditions. Journal of KONBiN, 2018, 48, 263-299.	0.1	9
10	Optimized magnetic sensors to measure speed and position in adverse environments. , 2014, , .		8
11	Estimation of Performance Parameters of Turbine Engine Components Using Experimental Data in Parametric Uncertainty Conditions. Aerospace, 2020, 7, 6.	1.1	8
12	Model-Based Dynamic Performance Simulation of a Microturbine Using Flight Test Data. Aerospace, 2022, 9, 60.	1.1	7
13	Application of Blade-Tip Sensors to Blade-Vibration Monitoring in Gas Turbines. , 0, , .		6
14	Blade Vibration Monitoring in a Low-Pressure Steam Turbine. , 2018, , .		6
15	Thermal degradation of turbine components in a military turbofan. Engineering Failure Analysis, 2022, 134, 106088.	1.8	6
16	Standard Sine Fitting Algorithms Applied To Blade Tip Timing Data. Journal of KONBiN, 2014, 30, 21-30.	0.1	5
17	The Analysis Of Synchronous Blade Vibration Using Linear Sine Fitting. Journal of KONBiN, 2014, 30, 5-19.	0.1	4
18	Characterization of Particle Emissions from a DGEN 380 Small Turbofan Fueled with ATJ Blends. Energies, 2021, 14, 3368.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Data Management Techniques for Blade Vibration Analysis. Journal of KONBiN, 2016, 37, 95-132.	0.1	3
20	CT Inspection of Cooled Turbine Blades. Journal of KONBiN, 2020, 50, 307-331.	0.1	3
21	Using Different ML Algorithms and Hyperparameter Optimization to Predict Heat Metersâ€™ Failures. Applied Sciences (Switzerland), 2019, 9, 3719.	1.3	2
22	Advanced materials and technologies for compressor blades of small turbofan engines. IOP Conference Series: Materials Science and Engineering, 2021, 1024, 012061.	0.3	2
23	Markov Reliability Model for Heat Meters. Journal of KONBiN, 2018, 45, 83-96.	0.1	2
24	Turbojet Engine Blades Health/Maintenance Monitoring using a Microwave Probe. , 2006, , .		1
25	An influence of shroud design parameters on the static stresses of blade assemblies. MATEC Web of Conferences, 2019, 304, 03002.	0.1	1
26	Implementation of a new inlet protection system into HEMS fleet. Aircraft Engineering and Aerospace Technology, 2020, 92, 67-79.	0.7	1
27	Performance and emissions of a microturbine and turbofan powered by alternative fuels. IOP Conference Series: Materials Science and Engineering, 2021, 1024, 012063.	0.3	1
28	Using Blade Tip Timing and Pressure Data to Characterise Compressor Stall and Surge. , 2020, , .		1
29	Model-based dynamic performance simulation of a microturbine. IOP Conference Series: Materials Science and Engineering, 2022, 1226, 012032.	0.3	1
30	Mathematical Model and Simulator of Rotor With Vibrating Blades Model / Matematyczny I Symulator Stopnia Wirnikowego Z DrgajÄ...cymi Äopatkami. Journal of KONBiN, 2014, 29, 93-102.	0.1	0
31	Tip timing measurements for structural health monitoring in the first stage of the compressor of an aircraft engine. , 2016, , .		0
32	Determination of serviceability limits of a turboshaft engine by the criterion of blade natural frequency and stall margin. MATEC Web of Conferences, 2019, 304, 03004.	0.1	0
33	Analysis of the shaft behaviour in aircraft engines using tip clearance data and custom designed laser sensors. , 2021, , .		0
34	Analysis of Fan Blade Vibration with a Non-Contact Method. Journal of KONBiN, 2020, 50, 341-357.	0.1	0
35	Special Issue â€œTechnologies for Future Distributed Engine Control Systemsâ€: Aerospace, 2021, 8, 379.	1.1	0