

Radosław Przysowa

List of Publications by Year in descending order

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35
papers

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citations

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47
all docs

47
docs citations

47
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-Based Dynamic Performance Simulation of a Microturbine Using Flight Test Data. Aerospace, 2022, 9, 60.	1.1	7
2	Thermal degradation of turbine components in a military turbofan. Engineering Failure Analysis, 2022, 134, 106088.	1.8	6
3	Model-based dynamic performance simulation of a microturbine. IOP Conference Series: Materials Science and Engineering, 2022, 1226, 012032.	0.3	1
4	Health and Durability of Protective and Thermal Barrier Coatings Monitored in Service by Visual Inspection. Coatings, 2022, 12, 624.	1.2	10
5	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
6	Performance and Emissions of a Microturbine and Turbofan Powered by Alternative Fuels. Aerospace, 2021, 8, 25.	1.1	21
7	Advanced materials and technologies for compressor blades of small turbofan engines. IOP Conference Series: Materials Science and Engineering, 2021, 1024, 012061.	0.3	2
8	Analysis of the shaft behaviour in aircraft engines using tip clearance data and custom designed laser sensors. , 2021, , .		0
9	Characterization of Particle Emissions from a DGEN 380 Small Turbofan Fueled with ATJ Blends. Energies, 2021, 14, 3368.	1.6	4
10	High Temperature Magnetic Sensors for the Hot Section of Aeroengines. Aerospace, 2021, 8, 261.	1.1	9
11	Advanced Materials and Technologies for Compressor Blades of Small Turbofan Engines. Aerospace, 2021, 8, 1.	1.1	33
12	Special Issue "Technologies for Future Distributed Engine Control Systems" Aerospace, 2021, 8, 379.	1.1	0
13	Non-Contact Measurement of Blade Vibration in an Axial Compressor. Sensors, 2020, 20, 68.	2.1	12
14	Implementation of a new inlet protection system into HEMS fleet. Aircraft Engineering and Aerospace Technology, 2020, 92, 67-79.	0.7	1
15	Estimation of Performance Parameters of Turbine Engine Components Using Experimental Data in Parametric Uncertainty Conditions. Aerospace, 2020, 7, 6.	1.1	8
16	CT Inspection of Cooled Turbine Blades. Journal of KONBiN, 2020, 50, 307-331.	0.1	3
17	Analysis of Fan Blade Vibration with a Non-Contact Method. Journal of KONBiN, 2020, 50, 341-357.	0.1	0
18	Using Blade Tip Timing and Pressure Data to Characterise Compressor Stall and Surge. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Using Different ML Algorithms and Hyperparameter Optimization to Predict Heat Meters™ Failures. Applied Sciences (Switzerland), 2019, 9, 3719.	1.3	2
20	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
21	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
22	An influence of shroud design parameters on the static stresses of blade assemblies. MATEC Web of Conferences, 2019, 304, 03002.	0.1	1
23	Blade Vibration Monitoring in a Low-Pressure Steam Turbine. , 2018, , .		6
24	Markov Reliability Model for Heat Meters. Journal of KONBiN, 2018, 45, 83-96.	0.1	2
25	Polish experience from the operation of helicopters under harsh conditions. Journal of KONBiN, 2018, 48, 263-299.	0.1	9
26	Tip-Clearance Measurement in the First Stage of the Compressor of an Aircraft Engine. Sensors, 2016, 16, 1897.	2.1	18
27	Tip timing measurements for structural health monitoring in the first stage of the compressor of an aircraft engine. , 2016, , .		0
28	Data Management Techniques for Blade Vibration Analysis. Journal of KONBiN, 2016, 37, 95-132.	0.1	3
29	Inductive sensors for blade tip-timing in gas turbines. Journal of KONBiN, 2015, 36, 147-164.	0.1	13
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	Optimized magnetic sensors to measure speed and position in adverse environments. , 2014, , .		8
32	The Analysis Of Synchronous Blade Vibration Using Linear Sine Fitting. Journal of KONBiN, 2014, 30, 5-19.	0.1	4
33	Standard Sine Fitting Algorithms Applied To Blade Tip Timing Data. Journal of KONBiN, 2014, 30, 21-30.	0.1	5
34	Turbojet Engine Blades Health/Maintenance Monitoring using a Microwave Probe. , 2006, , .		1
35	Application of Blade-Tip Sensors to Blade-Vibration Monitoring in Gas Turbines. , 0, , .		6