

LuboÅ; SmolÃ-k

List of Publications by Year in descending order

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g-index

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all docs

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docs citations

11
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact point localization in three-dimensional structures using wavelet transform. Mechanical Systems and Signal Processing, 2022, 179, 109365.	8.0	3
2	Nonlinear dynamic analysis of a tilting pad journal bearing subjected to pad fluttering. Nonlinear Dynamics, 2021, 105, 2133-2156.	5.2	7
3	Predictive capability of various linearization approaches for floating-ring bearings in nonlinear dynamics of turbochargers. Mechanism and Machine Theory, 2020, 149, 103843.	4.5	12
4	Influence of the Stator Winding Vibration on the Insulation System Lifetime. Transactions on Electrical Engineering, 2020, 5, 1-7.	0.1	0
5	Threshold stability curves for a nonlinear rotor-bearing system. Journal of Sound and Vibration, 2019, 442, 698-713.	3.9	18
6	Steady-State Behaviour of the Rigid Jeffcott Rotor Comparing Various Analytical Approaches to the Solution of the Reynolds Equation for Plain Journal Bearing. Springer Proceedings in Mathematics and Statistics, 2018, , 95-103.	0.2	0
7	Dynamic behaviour of rotors supported by fluid-film bearings operated close to fluid-induced instability. MATEC Web of Conferences, 2018, 148, 04003.	0.2	0
8	Sub-Synchronous Shaft Oscillations due to Oil Supply. , 2018, , .		1
9	Investigation of bearing clearance effects in dynamics of turbochargers. International Journal of Mechanical Sciences, 2017, 127, 62-72.	6.7	40
10	An Analysis of the Influence of the Titanium Compressor Wheel on the Dynamical Properties of the Particular Turbocharger Rotor. Manufacturing Technology, 2015, 15, 93-99.	1.4	3
11	Measurement of the Lightweight Rotor Eigenfrequencies and Tuning of its Model Parameters. Transactions of the VSB: Technical University of Ostrava, 2013, 59, 93-98.	0.1	0