

Michał, Wasilczuk

List of Publications by Year in descending order

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1040056

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g-index

23
all docs

23
docs citations

23
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined thrust radial bearing of a submarine main shaft – Design and analysis of failure. Engineering Failure Analysis, 2020, 115, 104651.	4.0	13
2	Effect of manufacturing errors of the pad sliding surface on the performance of the hydrodynamic thrust bearing. Tribology International, 2019, 134, 211-220.	5.9	23
3	Improvement of Thrust Bearing Calculation Considering the Convective Heating within the Space between the Pads. Lubricants, 2018, 6, 22.	2.9	5
4	THE USE OF PLATE SPRINGS FOR PRELOADING OF A SYSTEM OF TAPERED ROLLER BEARINGS OF A WIND TURBINE GEARBOX. Tribologia, 2018, 281, 13-18.	0.2	1
5	EXPERIMENTAL EVALUATION OF DLC/STEEL SLIDING CONTACTS – OPERATIONAL ENVELOPE. Tribologia, 2018, 281, 41-46.	0.2	0
6	HYDROSTATIC THRUST BEARING WITH REDUCED POWER LOSSES. Tribologia, 2018, 281, 123-131.	0.2	0
7	Field Tests on Hydrodynamic and Hybrid Operation of a Bidirectional Thrust Bearing of a Pump-Turbine. Lubricants, 2017, 5, 48.	2.9	6
8	THE INFLUENCE OF HOUSING ARRANGEMENT AND INTERFERENCE ON PRELOAD AND THEORETICAL LIFETIME OF A SYSTEM OF TAPER ROLLER BEARINGS OF A HIGH SPEED SHAFT OF A WIND TURBINE GEARBOX. Tribologia, 2017, , 21-26.	0.2	2
9	PROSPECTS OF DECREASING POWER LOSSES IN A HYDROSTATIC THRUST BEARING. Tribologia, 2017, , 91-96.	0.2	1
10	Evaluation of apparent Young's modulus of the composite polymer layers used as sliding surfaces in hydrodynamic thrust bearings. Tribology International, 2016, 97, 244-252.	5.9	21
11	Effect of presence of lifting pocket on the THD performance of a large tilting-pad thrust bearing. Friction, 2015, 3, 266-274.	6.4	21
12	Friction and Lubrication of Large Tilting-Pad Thrust Bearings. Lubricants, 2015, 3, 164-180.	2.9	16
13	Centrally Pivoted Tilting Pad Thrust Bearing with Carbon-Based Coated Collar – Experimental Results of Low- and Medium-Speed Operation. Tribology Transactions, 2015, 58, 882-893.	2.0	9
14	Special Issue on Sliding Contact Bearings. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2014, 228, 915-915.	1.8	0
15	Simulation of large thrust-bearing performance at transient states, warm and cold start-up. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2014, 228, 96-103.	1.8	18
16	Application of the fluid-structure interaction technique for the analysis of hydrodynamic lubrication problems. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2013, 227, 888-897.	1.8	28
17	Improving performance of large thrust bearings through modeling and experimentation. Mechanics and Industry, 2013, 14, 267-274.	1.3	5
18	Large Hydrodynamic Thrust Bearings and Their Application in Hydrogenerators. , 2013, , 1912-1926.		4

#	ARTICLE	IF	CITATIONS
19	On the Possibilities of Decreasing Power Loss in Large Tilting Pad Thrust Bearings. <i>ISRN Tribology</i> , 2013, 2013, 1-9.	0.4	7
20	Modeling lubricant flow between thrust-bearing pads. <i>Tribology International</i> , 2008, 41, 908-913.	5.9	22
21	Wear measurements of self-lubricating bearing materials in small oscillatory movement. <i>Wear</i> , 2007, 263, 458-462.	3.1	39
22	Influence of hydrostatic pump operation period on performance of a thrust bearing of a 125 MW pump-turbine. <i>Mecanique Et Industries</i> , 2004, 5, 3-9.	0.2	5
23	A Method of Friction Torque Measurement for a Hydrodynamic Thrust Bearing. <i>Journal of Tribology</i> , 1995, 117, 674-678.	1.9	4