

Piotr Osinski

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

152
citations

1307594

7
h-index

1199594

12
g-index

22
all docs

22
docs citations

22
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	FEM Strength Analysis of Circumferential Compensation with Integrated Lips in Gear Pumps. Energies, 2022, 15, 2691.	3.1	2
2	Hydraulic Tests of the PZO Gear Micropump and the Importance Rank of Its Design and Operating Parameters. Energies, 2022, 15, 3068.	3.1	4
3	Theoretical and Experimental Fatigue Strength Calculations of Lips Compensating Circumferential Backlash in Gear Pumps. Energies, 2021, 14, 251.	3.1	1
4	Optimizing the Break-in Process of High-Pressure Gear Pumps. Lecture Notes in Mechanical Engineering, 2021, , 65-75.	0.4	1
5	Assessment of the Effectiveness of Passive and Active Methods in Noise Suppression in Machines and Equipment with the Hydrostatic Drive. Lecture Notes in Mechanical Engineering, 2021, , 252-263.	0.4	0
6	Strength Calculation Methodology for Circumferential Backlash Compensation with Integrated Lips. Lecture Notes in Mechanical Engineering, 2021, , 50-64.	0.4	0
7	Analysis of Dimensional Tolerances on Hydraulic and Acoustic Properties of a New Type of Prototypal Gear Pumps. Applied Sciences (Switzerland), 2020, 10, 8535.	2.5	2
8	Acoustic tests of type KPF1 high-pressure external gear pumps. Czasopismo Techniczne, 2020, , 1-10.	1.0	1
9	Durability tests of prototype gear pumps with reduced flow ripple. Czasopismo Techniczne, 2020, , 1-8.	1.0	0
10	Identification of Influence of Part Tolerances of 2PWR-SE Pump on Its Total Efficiency Taking into Consideration Multi-valued Logic Trees. Lecture Notes in Mechanical Engineering, 2019, , 128-135.	0.4	1
11	Identification of Influence of Part Tolerances of 1PWR-SE Pump on its Total Efficiency taking into consideration Multi-Valued Logic Trees. Journal of Automation, Mobile Robotics and Intelligent Systems, 2019, 12, 28-41.	0.4	0
12	The Influence of Gear Micropump Body Asymmetry On Stress Distribution. Polish Maritime Research, 2017, 24, 60-65.	1.9	16
13	Identification of Influence of Part Tolerances of 3PWR-SE Pump On Its Total Efficiency Taking Into Consideration Multi-Valued Logic Trees. Polish Maritime Research, 2017, 24, 47-59.	1.9	9
14	Acoustic Diagnostics Applications in the Study of Technical Condition of Combustion Engine. Archives of Acoustics, 2016, 41, 345-350.	0.8	20
15	Decision Support System for Identifying Technical Condition of Combustion Engine. Archives of Acoustics, 2016, 41, 449-460.	0.8	13
16	Problems relating to high-pressure gear micropumps. Archives of Civil and Mechanical Engineering, 2014, 14, 88-95.	3.8	25
17	Assessment of energetistic measuring techniques and their application to diagnosis of acoustic condition of hydraulic machinery and equipment. Archives of Civil and Mechanical Engineering, 2013, 13, 313-321.	3.8	15
18	Discrete optimization of a gear pump after tooth root undercutting by means of multi-valued logic trees. Archives of Civil and Mechanical Engineering, 2013, 13, 422-431.	3.8	29

#	ARTICLE	IF	CITATIONS
19	Assessment of Energetic Measuring Techniques and Their Application to Diagnosis of Acoustic Condition of Hydraulic Machinery and Equipment. , 2002, , .		1
20	Strength calculations of an element compensating circumferential backlash in the external gear pump. Journal of Theoretical and Applied Mechanics, 0, , 251.	0.5	6