

Luigi Lentini

List of Publications by Year in descending order

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14
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerostatic thrust bearings active compensation: Critical review. Precision Engineering, 2016, 44, 1-12.	3.4	35
2	An infinite stiffness aerostatic pad with a diaphragm valve. Tribology International, 2020, 141, 105964.	5.9	14
3	Actively compensated aerostatic thrust bearing: design, modelling and experimental validation. Meccanica, 2017, 52, 3645-3660.	2.0	11
4	Design and Analysis of an Aerostatic Pad Controlled by a Diaphragm Valve. Lubricants, 2021, 9, 47.	2.9	6
5	On the Design of a Diaphragm Valve for Aerostatic Bearings. E3S Web of Conferences, 2020, 197, 07006.	0.5	4
6	The Challenges of Oil Free Bearings in Micro-turbomachinery. Mechanisms and Machine Science, 2022, , 403-411.	0.5	3
7	An Identification Method for Orifice-Type Restrictors Based on the Closed-Form Solution of Reynolds Equation. Lubricants, 2021, 9, 55.	2.9	2
8	An aerostatic pad with an internal pressure control. E3S Web of Conferences, 2020, 197, 07002.	0.5	2
9	Experimental and Numerical Dynamic Identification of an Aerostatic Electro-Spindle. Applied Sciences (Switzerland), 2021, 11, 11462.	2.5	2
10	Frictional properties of cartilage loaded against cartilage by using a pin on disc tribometer. AIP Conference Proceedings, 2018, , .	0.4	1
11	Dynamic behaviour and stability analysis of a compensated aerostatic pad. E3S Web of Conferences, 2021, 312, 05003.	0.5	1
12	Air Pad Controlled by Means of a Diaphragm-Valve: Static and Dynamic Behaviour. Mechanisms and Machine Science, 2021, , 699-710.	0.5	1
13	Unbalance Response Analysis of a Spindle Supported on Gas Bearings: A Comparison between Different Approaches. Lubricants, 2022, 10, 127.	2.9	0