

Andrey Kurzakov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mathematical Modeling on Statics and Dynamics of Aerostatic Thrust Bearing with External Combined Throttling and Elastic Orifice Fluid Flow Regulation. <i>Lubricants</i> , 2020, 8, 57.	2.9	12
2	Theoretical analysis of compliance and dynamics quality of a lightly loaded aerostatic journal bearing with elastic orifices. <i>Precision Engineering</i> , 2021, 68, 72-81.	3.4	11
3	Theoretical Investigation on Performance Characteristics of Aerostatic Journal Bearings with Active Displacement Compensator. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2623.	2.5	4
4	Theoretical Efficiency Study of Output Lubricant Flow Rate Regulating Principle on the Example of a Two-Row Aerostatic Journal Bearing with Longitudinal Microgrooves and a System of External Combined Throttling. <i>Mathematics</i> , 2021, 9, 1698.	2.2	4
5	Adaptive gas-static spindle bearings. <i>Russian Engineering Research</i> , 2013, 33, 389-391.	0.6	1
6	Mechatronic Motorized Spindle with Hydrostatic Bearings and a Piezohydraulic Generator of Resonant Axial Microoscillations. <i>Russian Engineering Research</i> , 2018, 38, 419-423.	0.6	1
7	Dynamic Quality of an Aerostatic Thrust Bearing with a Microgroove and Support Center on Elastic Suspension. <i>Mathematics</i> , 2021, 9, 1492.	2.2	1
8	Theoretical Study of the Static and Dynamic Characteristics of a Slotted Adaptive Hydrostatic Thrust Bearing with a Regulator of the Lubricant Output Flow. <i>Mathematics</i> , 2022, 10, 355.	2.2	0
9	Theoretical Study on Compliance and Stability of Active Gas-Static Journal Bearing with Output Flow Rate Restriction and Damping Chambers. <i>Lubricants</i> , 2021, 9, 121.	2.9	0