

Vladimir Kodnyanko

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 study on dynamics quality of aerostatic thrust bearing with external combined throttling. <i>FME Transactions</i> , 2020, 48, 342-350.	1.4	8
4	Theoretical Disquisition on the Static and Dynamic Characteristics of an Adaptive Stepped Hydrostatic Thrust Bearing with a Displacement Compensator. <i>Mathematics</i> , 2021, 9, 2949.	2.2	5
5	Theoretical Investigation on Performance Characteristics of Aerostatic Journal Bearings with Active Displacement Compensator. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2623.	2.5	4
6	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
7	Modeling Movement of Gas-Static Bearings. <i>Mechanical Engineering and Computer Science</i> , 2019, , 13-28.	0.1	0
8	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