

Nicola Bailey

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

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citations

1937685

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1720034

7
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11
all docs

11
docs citations

11
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of a high speed coned thrust bearing with a Navier slip boundary condition. Journal of Engineering Mathematics, 2016, 97, 1-24.	1.2	13
2	On the dynamics of a high-speed coned fluid-lubricated bearing. IMA Journal of Applied Mathematics, 2014, 79, 535-561.	1.6	9
3	Dynamics of a small gap gas lubricated bearing with Navier slip boundary conditions. Journal of Fluid Mechanics, 2017, 818, 68-99.	3.4	8
4	Evaluation of the minimum face clearance of a high-speed gas-lubricated bearing with Navier slip boundary conditions under random excitations. Journal of Engineering Mathematics, 2018, 112, 17-35.	1.2	7
5	Probability of Face Contact for a High-Speed Pressurised Liquid Film Bearing Including a Slip Boundary Condition. Lubricants, 2015, 3, 493-521.	2.9	4
6	Nonlinear flexure coupling elements for precision control of multibody systems. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180395.	2.1	2
7	Control of Flexible Rotor Vibration with Flexibly Mounted Active Magnetic Bearings. Mechanisms and Machine Science, 2019, , 65-73.	0.5	2
8	An Integrated Kinematic Modeling and Experimental Approach for an Active Endoscope. Frontiers in Robotics and AI, 2021, 8, 667205.	3.2	1
9	Internal Rotor Actuation and Magnetic Bearings for the Active Control of Rotating Machines. Actuators, 2022, 11, 57.	2.3	1
10	Effect of random forcing on fluid-lubricated bearing. IMA Journal of Applied Mathematics, 2019, , .	1.6	0