

# Rahul Kumar

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of stochastic roughness on performance of a Rayleigh step bearing operating under Thermo-elastohydrodynamic lubrication considering shear flow factor. Tribology International, 2019, 134, 264-280.	5.9	22
2	Effect of surface roughness and deformation on Rayleigh step bearing under thin film lubrication. Industrial Lubrication and Tribology, 2017, 69, 1016-1032.	1.3	14
3	Effect of directionally oriented random roughness on performance of a Rayleigh step bearing operating under Mixed-Elastohydrodynamic Lubrication. Tribology International, 2021, 153, 106572.	5.9	14
4	Thermo-elastohydrodynamic lubrication simulation of the Rayleigh step bearing using the progressive mesh densification method. Simulation, 2019, 95, 395-410.	1.8	10
5	70 Years of Elastohydrodynamic Lubrication (EHL): A Review on Experimental Techniques for Film Thickness and Pressure Measurement. Mapan - Journal of Metrology Society of India, 2018, 33, 481-491.	1.5	8
6	Numerical Simulation of Rough Thrust Pad Bearing Under Thin-Film Lubrication Using Variable Mesh Density. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2020, 44, 443-464.	1.3	6
7	Performance evaluation of rough thrust pad bearing under thermo-elastohydrodynamic lubrication using an improved iterative method. Mechanics and Industry, 2019, 20, 110.	1.3	1