

# Udaya P Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

160  
citations

1163117

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1199594

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all docs

13  
docs citations

13  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Steady Performance of Hydrostatic Thrust Bearing: Rabinowitsch Fluid Model. Tribology Transactions, 2011, 54, 723-729.	2.0	34
2	On the Steady Performance of Annular Hydrostatic Thrust Bearing: Rabinowitsch Fluid Model. Journal of Tribology, 2012, 134, .	1.9	19
3	On the squeeze film characteristics between a long cylinder and a flat plate: Rabinowitsch model. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2013, 227, 34-42.	1.8	19
4	Dynamic Performance Characteristics of a Curved Slider Bearing Operating with Ferrofluids. Advances in Tribology, 2012, 2012, 1-6.	2.1	17
5	On the application of Rabinowitsch fluid model on an annular ring hydrostatic thrust bearing. Tribology International, 2013, 58, 65-70.	5.9	17
6	Effects of inertia in the steady state pressurised flow of a non-Newtonian fluid between two curvilinear surfaces of revolution: Rabinowitsch fluid model. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2011, 32, 333-349.	0.7	12
7	Application of Rabinowitsch Fluid Model to Pivoted Curved Slider Bearings. Archive of Mechanical Engineering, 2013, 60, 247-267.	0.7	10
8	Analysis of Peristaltic Transport of Non-Newtonian Fluids Through Nonuniform Tubes: Rabinowitsch Fluid Model. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 601-608.	1.5	9
9	Non-Newtonian Effects on the Squeeze Film Characteristics between a Sphere and a Flat Plate: Rabinowitsch Model. Advances in Tribology, 2012, 2012, 1-7.	2.1	8
10	Effects of Heat Transfer During Peristaltic Transport in Nonuniform Channel With Permeable Walls. Journal of Heat Transfer, 2017, 139, .	2.1	6
11	Analysis of hydrostatic rough thrust bearing lubricated with Rabinowitsch fluid considering fluid inertia in supply region. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2021, 235, 386-395.	1.8	5
12	Effects of Surface Roughness and Supply Inertia on Steady Performance of Hydrostatic Thrust Bearings Lubricated with Non-Newtonian Fluids. Strojnický Casopis, 2021, 71, 317-328.	0.9	4
13	Combined Effects of Piezo-Viscosity and Couple Stress Fluids on Squeeze Film between Circular Plates. International Journal of Fluid Mechanics Research, 2014, 41, 368-378.	0.4	0