Udaya P Singh

List of Publications by Year in descending order

13 papers	**160** citations	1163117 **8** h-index	1199594 **12** g-index
13 all docs	**13** docs citations	**13** times ranked	**73** citing authors

#	Article	IF	Citations
1	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
2	Effects of Surface Roughness and Supply Inertia on Steady Performance of Hydrostatic Thrust Bearings Lubricated with Non-Newtonian Fluids. Strojnicky Casopis, 2021, 71, 317-328.	0.9	4
3	Effects of Heat Transfer During Peristaltic Transport in Nonuniform Channel With Permeable Walls. Journal of Heat Transfer, 2017, 139, .	2.1	6
4	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
5	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
6	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
7	On the application of Rabinowitsch fluid model on an annular ring hydrostatic thrust bearing. Tribology International, 2013, 58, 65-70.	5.9	17
8	Application of Rabinowitsch Fluid Model to Pivoted Curved Slider Bearings. Archive of Mechanical Engineering, 2013, 60, 247-267.	0.7	10
9	Dynamic Performance Characteristics of a Curved Slider Bearing Operating with Ferrofluids. Advances in Tribology, 2012, 2012, 1-6.	2.1	17
10	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
11	On the Steady Performance of Annular Hydrostatic Thrust Bearing: Rabinowitsch Fluid Model. Journal of Tribology, 2012, 134, .	1.9	19
12	On the Steady Performance of Hydrostatic Thrust Bearing: Rabinowitsch Fluid Model. Tribology Transactions, 2011, 54, 723-729.	2.0	34
13	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