

HC Garg

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

259
citations

1307594

7
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Tribological challenges and advancements in wind turbine bearings: A review. <i>Engineering Failure Analysis</i> , 2020, 118, 104885.	4.0	55
2	On the design and development of hybrid journal bearings: a review. <i>TriboTest Journal: Tribology and Lubrication in Practice</i> , 2006, 12, 1-19.	0.7	53
3	Performance of slot-entry hybrid journal bearings considering combined influences of thermal effects and non-Newtonian behavior of lubricant. <i>Tribology International</i> , 2010, 43, 1518-1531.	5.9	34
4	Influence of micropolar lubricant on bearings performance: A review. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2012, 226, 775-784.	1.8	21
5	Improving the tribological performance of canola oil by adding CuO nanoadditives for steel/steel contact. <i>Materials Today: Proceedings</i> , 2020, 28, 1392-1396.	1.8	21
6	Thermohydrostatic analysis of capillary compensated symmetric hole-entry hybrid journal bearing operating with non-Newtonian lubricant. <i>Industrial Lubrication and Tribology</i> , 2009, 61, 11-21.	1.3	17
7	Experimental analysis on stability and rheological behaviour of TiO ₂ /canola oil nanolubricants. <i>Materials Today: Proceedings</i> , 2020, 28, 1285-1289.	1.8	9
8	Static performance characteristics of hybrid journal bearings with plugged entry holes. <i>Industrial Lubrication and Tribology</i> , 2013, 65, 333-340.	1.3	6
9	Thermohydrostatic rheological study of orifice compensated asymmetric hole-entry hybrid journal bearings. <i>Industrial Lubrication and Tribology</i> , 2013, 65, 369-378.	1.3	6
10	Performance comparison of hole-entry and slot entry hybrid journal bearings considering combined influence of thermal effects and micropolar lubricant. <i>Industrial Lubrication and Tribology</i> , 2018, 70, 1037-1050.	1.3	6
11	Elasto-hydrodynamic analysis of journal bearing operating with nanolubricants. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021, 235, 963-974.	1.8	6
12	Tribological analysis of blended vegetable oils containing CuO nanoparticles as an additive. <i>Materials Today: Proceedings</i> , 2021, 51, 1259-1259.	1.8	6
13	Thermohydrostatic analysis of hybrid journal bearing compensated by constant flow valve operating with micropolar lubricant. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2016, 230, 1041-1055.	1.8	5
14	Performance of Asymmetric Slot-Entry Hybrid Journal Bearing Operating with Non-Newtonian Lubricant. <i>Journal of Engineering & Technology</i> , 2011, 1, 16.	0.1	4
15	Influence of non-Newtonian behavior of lubricant on performance of hole-entry hybrid journal bearings employing constant flow valve restrictors. <i>Industrial Lubrication and Tribology</i> , 2011, 63, 373-386.	1.3	3
16	Thermohydrostatic rheological analysis of constant flow valve compensated multiple hole-entry hybrid journal bearings. <i>Industrial Lubrication and Tribology</i> , 2014, 66, 244-259.	1.3	3
17	Investigation of the micropolar lubricant and thermal effects in the slot entry hybrid journal bearings. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 2103-2116.	2.1	3
18	Theoretical modeling of orifice compensated symmetric hole-entry hybrid journal bearings. <i>Journal of Engineering, Design and Technology</i> , 2012, 10, 421-435.	1.7	1