

Har Prashad

List of Publications by Year in descending order

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24
papers

450
citations

687363

13
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of Rolling-Element Bearings Failure by Localized Electrical Current Between Track Surfaces of Races and Rolling-Elements. <i>Journal of Tribology</i> , 2002, 124, 468-473.	1.9	27
2	A New Generation Double Decker High Precision Rolling Element Bearing " Concept, Development and Investigations. <i>Tribology Transactions</i> , 2001, 44, 203-208.	2.0	14
3	Appearance of craters on track surface of rolling element bearings by spark erosion. <i>Tribology International</i> , 2001, 34, 39-47.	5.9	23
4	A study of electrical pitting of journal bearings with water-contaminated lubricant. <i>TriboTest Journal: Tribology and Lubrication in Practice</i> , 2000, 7, 115-124.	0.7	5
5	Determination of magnetic flux density on the surfaces of rolling-element bearings as an indication of the current that has passed through them"an investigation. <i>Tribology International</i> , 1999, 32, 455-467.	5.9	13
6	Determination of Time Span for the Appearance of Flutes on the Track Surface of Rolling-Element Bearings Under the Influence of Electric Current. <i>Tribology Transactions</i> , 1998, 41, 103-109.	2.0	14
7	The deterioration of lithium greases under the influence of electric current"an investigation. <i>Lubrication Science</i> , 1998, 10, 323-342.	2.1	5
8	Diagnosis of failure of rolling-element bearings of alternators"a study. <i>Wear</i> , 1996, 198, 46-51.	3.1	19
9	Magnetic Flux Density Distribution on the Track Surface of Rolling-Element Bearings"An Experimental and Theoretical Investigation. <i>Tribology Transactions</i> , 1996, 39, 386-391.	2.0	12
10	Evaluation of Dynamic Coefficients of a Two-Lobe Journal Bearing Using an Electrical Analogy Approach. <i>Journal of Tribology</i> , 1996, 118, 657-662.	1.9	6
11	Diagnosis of bearing problem of synchronous condenser"an experimental and theoretical investigation. <i>Wear</i> , 1995, 188, 97-101.	3.1	4
12	Analysis of Capacitive Effect and Life Estimation of Hydrodynamic Journal Bearings on Repeated Starts and Stops of a Machine Operating Under the Influence of Shaft Voltages. <i>Tribology Transactions</i> , 1994, 37, 641-645.	2.0	8
13	Investigation of damaged rolling-element bearings and deterioration of lubricants under the influence of electric fields. <i>Wear</i> , 1994, 176, 151-161.	3.1	33
14	An Approach to Evaluate Capacitance, Capacitive Reactance and Resistance of Pivoted Pads of a Thrust Bearing. <i>Tribology Transactions</i> , 1992, 35, 435-440.	2.0	7
15	Theoretical Analysis of Capacitive Effect of Roller Bearings on Repeated Starts and Stops of a Machine Operating Under the Influence of Shaft Voltages. <i>Journal of Tribology</i> , 1992, 114, 818-822.	1.9	17
16	Theoretical and experimental investigations on the pitch and width of corrugations on the surfaces of ball bearings. <i>Wear</i> , 1991, 143, 1-14.	3.1	13
17	Theoretical Evaluation of Reduction in the Life of Hydrodynamic Journal Bearings Operating Under the Influence of Different Levels of Shaft Voltages. <i>Tribology Transactions</i> , 1991, 34, 623-627.	2.0	11
18	Theoretical Analysis of the Effects of Instantaneous Charge Leakage on Roller Tracks of Roller Bearings Lubricated With High Resistivity Lubricants Under the Influence of Electric Current. <i>Journal of Tribology</i> , 1990, 112, 37-43.	1.9	28

#	ARTICLE	IF	CITATIONS
19	Analysis of the effects of an electric current on contact temperature, contact stresses and slip band initiation on the roller tracks of roller bearings. <i>Wear</i> , 1989, 131, 1-14.	3.1	21
20	Diagnosis of Deterioration of Lithium Greases Used in Rolling-Element Bearings by X-ray Diffractometry. <i>Tribology Transactions</i> , 1989, 32, 205-214.	2.0	22
21	Theoretical evaluation of impedance, capacitance and charge accumulation on roller bearings operated under electrical fields. <i>Wear</i> , 1988, 125, 223-239.	3.1	33
22	The Effects of Current Leakage on Electrodehesion Forces in Rolling Friction and Magnetic Flux Density Distribution on the Surface of Rolling Element Bearings. <i>Journal of Tribology</i> , 1988, 110, 448-455.	1.9	20
23	The Effect of Cage and Roller Slip on the Measured Defect Frequency Response of Rolling-Element Bearings. <i>ASLE Transactions</i> , 1987, 30, 360-367.	0.6	27
24	Effect of operating parameters on the threshold voltages and impedance response of non-insulated rolling element bearings under the action of electrical currents. <i>Wear</i> , 1987, 117, 223-240.	3.1	68