

PÅor Marklund

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8692497/publications.pdf>

Version: 2024-02-01

18
papers

227
citations

1163117

8
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Intrinsic Self-Healing Poly-Silicone-Urea with Super-Low Ice Adhesion Strength. <i>Small</i> , 2022, 18, e2200532.	10.0	10
2	Effect of roughness on the running-in behavior and tribofilm formation of carbon fiber reinforced PTFE composite in trace moisture environment. <i>Wear</i> , 2022, 500-501, 204367.	3.1	7
3	Tribological characterization of potential crankshaft bearing steels for roller bearing engines. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021, 235, 1365-1378.	1.8	0
4	Precise control of operating conditions in tribotesting with respect to trace humidity and contact temperature. <i>MethodsX</i> , 2021, 8, 101362.	1.6	6
5	Increasing Wind Turbine Drivetrain Bearing Vibration Monitoring Detectability Using an Artificial Neural Network Implementation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3588.	2.5	3
6	Effect of humidity and counterface material on the friction and wear of carbon fiber reinforced PTFE composites. <i>Tribology International</i> , 2021, 157, 106869.	5.9	46
7	Transient analysis of surface roughness features in thermal elastohydrodynamic contacts. <i>Tribology International</i> , 2020, 141, 105915.	5.9	14
8	On Waviness and Two-Sided Surface Features in Thermal Elastohydrodynamically Lubricated Line Contacts. <i>Lubricants</i> , 2020, 8, 64.	2.9	5
9	Micro-pitting and wear characterization for different rolling bearing steels: Effect of hardness and heat treatments. <i>Wear</i> , 2020, 458-459, 203404.	3.1	13
10	Bearing monitoring in the wind turbine drivetrain: A comparative study of the FFT and wavelet transforms. <i>Wind Energy</i> , 2020, 23, 1381-1393.	4.2	37
11	Micro-Pitting and Wear Assessment of PAO vs Mineral-Based Engine Oil Operating under Mixed Lubrication Conditions: Effects of Lambda, Roughness Lay and Sliding Direction. <i>Lubricants</i> , 2019, 7, 42.	2.9	11
12	Micro-pitting Damage of Bearing Steel Surfaces under Mixed Lubrication Conditions: Effects of Roughness, Hardness and ZDDP Additive. <i>Tribology International</i> , 2019, 138, 239-249.	5.9	31
13	Influence of Lubricant Pressure Response on Subsurface Stress in Elastohydrodynamically Lubricated Finite Line Contacts. <i>Journal of Tribology</i> , 2019, 141, .	1.9	3
14	Optical Attenuation Characterization of Water Contaminated Lubricating Grease. <i>Tribology Transactions</i> , 2018, 61, 726-732.	2.0	6
15	Dielectric Thermoscopy Characterization of Water Contaminated Grease. <i>Tribology Transactions</i> , 2018, 61, 393-402.	2.0	5
16	Elastohydrodynamic lubrication for the finite line contact under transient loading conditions. <i>Tribology International</i> , 2018, 127, 489-499.	5.9	19
17	Degradation mechanism of automatic transmission fluid by water as a contaminant. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2015, 229, 74-85.	1.8	9
18	Evaluating lifetime performance of limited slip differentials. <i>Lubrication Science</i> , 2014, 26, 189-201.	2.1	2