

# Kim Berglund

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

217  
citations

1163117

8  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	An implementation framework for condition-based maintenance in a bearing ring grinder. <i>Procedia CIRP</i> , 2022, 107, 746-751.	1.9	4
2	Effect of stroke length on friction and wear of self-lubricating polymer composites during dry sliding against stainless steel at high contact pressures. <i>Wear</i> , 2022, 502-503, 204393.	3.1	3
3	Integration of process monitoring and machine condition diagnostics to improve quality prediction in grinding. <i>Procedia CIRP</i> , 2021, 101, 170-173.	1.9	5
4	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
5	Tribological characterisation of polymer composites for hydropower bearings: Experimentally developed versus commercial materials. <i>Tribology International</i> , 2021, 162, 107101.	5.9	19
6	Tribological behaviour and transfer layer development of self-lubricating polymer composite bearing materials under long duration dry sliding against stainless steel. <i>Wear</i> , 2021, 484-485, 204027.	3.1	23
7	Multi-body simulation and validation of fault vibrations from rolling-element bearings. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021, 235, 1834-1841.	1.8	0
8	A Novel Reciprocating Tribometer for Friction and Wear Measurements with High Contact Pressure and Large Area Contact Configurations. <i>Lubricants</i> , 2021, 9, 123.	2.9	4
9	A unified approach towards performance monitoring and condition-based maintenance in grinding machines. <i>Procedia CIRP</i> , 2020, 93, 1388-1393.	1.9	3
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	Mother wavelet selection in the discrete wavelet transform for condition monitoring of wind turbine drivetrain bearings. <i>Wind Energy</i> , 2019, 22, 1581-1592.	4.2	22
12	CuO nanosheets produced in graphene oxide solution: An excellent anti-wear additive for self-lubricating polymer composites. <i>Composites Science and Technology</i> , 2018, 162, 86-92.	7.8	37
13	Material Characterization and Influence of Sliding Speed and Pressure on Friction and Wear Behavior of Self-Lubricating Bearing Materials for Hydropower Applications. <i>Lubricants</i> , 2018, 6, 39.	2.9	18
14	The effect of ageing on elastohydrodynamic friction in heavy-duty diesel engine oils. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2017, 231, 708-715.	1.8	5
15	Friction and Wear of Self-Lubricating Materials for Hydropower Applications under Different Lubricating Conditions. <i>Lubricants</i> , 2017, 5, 24.	2.9	6
16	Prediction of driveline vibrations caused by ageing the limited slip coupling. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2016, 230, 1687-1698.	1.9	5
17	Influence of water on the tribological properties of zinc dialkyl-dithiophosphate and over-based calcium sulphonate additives in wet clutch contacts. <i>Tribology International</i> , 2015, 87, 113-120.	5.9	10
18	Evaluating lifetime performance of limited slip differentials. <i>Lubrication Science</i> , 2014, 26, 189-201.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Wet Clutch Degradation Monitored by Lubricant Analysis. , 2010, , .		2
20	The Influence on Boundary Friction of the Permeability of Sintered Bronze. Tribology Letters, 2008, 31, 1-8.	2.6	9