

Wei Yuan

List of Publications by Year in descending order

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16
papers

146
citations

1684188

5
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape classification of wear particles by image boundary analysis using machine learning algorithms. Mechanical Systems and Signal Processing, 2016, 72-73, 346-358.	8.0	73
2	Tribological assessment of sliding pairs under damped harmonic excitation loading based on on-line monitoring methods. Tribology International, 2016, 96, 225-236.	5.9	17
3	Wind Turbine Bearing Incipient Fault Diagnosis Based on Adaptive Exponential Wavelet Threshold Function With Improved CPSO. IEEE Access, 2021, 9, 122457-122473.	4.2	12
4	Assessment of surface wear properties with initial macro crack defects using on-line visual ferrography and SEM methods. Industrial Lubrication and Tribology, 2015, 67, 538-548.	1.3	7
5	Tribological performance of differential gear end-face sliding on washer with a radial groove. Engineering Failure Analysis, 2018, 85, 126-136.	4.0	7
6	The Finite Element Model of Seated Whole Human Body for Vibration Investigations of Lumbar Spine in Complex System. IEEE Access, 2020, 8, 125046-125055.	4.2	7
7	Error identification method of five-axis machine tool based on sample test method. International Journal of Advanced Manufacturing Technology, 2022, 119, 8069-8075.	3.0	6
8	The effect of laser in-situ induced graphene-like micro-texture on the friction and wear properties of ductile cast iron. Journal of Materials Research and Technology, 2021, 12, 2407-2413.	5.8	5
9	Modification of spider gear back to uniform the stress and improve the anti-wear performance of a real thrust washer. Engineering Failure Analysis, 2016, 60, 107-116.	4.0	4
10	Simultaneous laser in-situ generation of graphene and micro-textures on ductile iron and their effects on tribological properties. Journal of Materials Research and Technology, 2021, 15, 6541-6550.	5.8	4
11	Tribology assessment of surface-contact sliding pairs with streak defect under dynamic harmonic excitation loading. Industrial Lubrication and Tribology, 2018, 70, 481-489.	1.3	2
12	Tribology Analysis of Spherical-Surface Contact Sliding Pairs Under Fluctuating Loads. Micro and Nanosystems, 2020, 12, 23-32.	0.6	1
13	Study on Wear Mechanism of Helical Gear by Three-Body Abrasive Based on Impact Load. Materials, 2022, 15, 4135.	2.9	1
14	Assessment of Bearing Dynamic Characteristics by Numerical Modeling with Effects of Oil Film and Centrifugal Deformation. Mathematical Problems in Engineering, 2018, 2018, 1-13.	1.1	0
15	Dynamic Parameter Analysis of Spindle Bearing Using 3-Dimension Quasi-Dynamic Model. Mathematical Problems in Engineering, 2019, 2019, 1-15.	1.1	0
16	Wear Performance of GCr15 Friction Pairs with Effect of Initial Radial Micro-Grooves. Micro and Nanosystems, 2019, 11, 56-61.	0.6	0