

Junhong Mao

List of Publications by Year in descending order

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11
papers

200
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	Wear Debris Segmentation of Reflection Ferrograms Using Lightweight Residual U-Net. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	9
2	A Ferromagnetic Wear Particle Sensor Based on a Rotational Symmetry High-Gradient Magnetostatic Field. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	16
3	A Deposition Rate-Based Index of Debris Concentration and its Extraction Method for Online Image Visual Ferrography. Tribology Transactions, 2021, 64, 1035-1045.	2.0	4
4	Wear Particle Chain Segmentation Based on the Nearest Neighbor Method. , 2019, , .		0
5	An Inductive Debris Sensor Based on a High-Gradient Magnetic Field. IEEE Sensors Journal, 2019, 19, 2879-2886.	4.7	49
6	A direct reflection OLVF debris detector based on dark-field imaging. Measurement Science and Technology, 2018, 29, 065104.	2.6	19
7	Prediction on wear of a spur gearbox by on-line wear debris concentration monitoring. Wear, 2015, 336-337, 1-8.	3.1	55
8	An experimental method for measuring friction behaviors of linear rolling guides. Science Bulletin, 2014, 59, 3912-3918.	1.7	4
9	Engine Wear Monitoring with OLVF. Tribology Transactions, 2011, 54, 201-207.	2.0	40
10	Design and implementation of an active rectangular aerostatic thrust bearing stage with electromagnetic actuators. Science Bulletin, 2009, 54, 858-864.	9.0	3
11	Design of magnet arrays for permanent magnetic linear motor. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2008, 3, 358-363.	0.6	1