Guobin Li

List of Publications by Year
in descending order

16 papers	**139** citations

1478505

6 h-index

1199594

12 g-index

| **16** all docs | **16** docs citations | **16** times ranked | **103** citing authors |

#	Article	IF	Citations
1	Experimental study on the chaotic attractor evolvement of the friction vibration in a running-in process. Tribology International, 2015, 88, 290-297.	5.9	47
2	Experimental observation of cross correlation between tangential friction vibration and normal friction vibration in a running-in process. Tribology International, 2016, 97, 77-88.	5.9	25
3	A Bridge-Type Inductance Sensor With a Two-Stage Filter Circuit for High-Precision Detection of Metal Debris in the Oil. IEEE Sensors Journal, 2021, 21, 17738-17748.	4.7	11
4	An Ultrasensitive Debris Microsensor for Oil Health Monitoring Based on Resistance–Inductance Parameter. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	11
5	Capacitive–Inductive Magnetic Plug Sensor With High Adaptability for Online Debris Monitoring. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	4.7	10
6	Design and Research of Inductive Oil Pollutant Detection Sensor Based on High Gradient Magnetic Field Structure. Micromachines, 2021, 12, 638.	2.9	9
7	Friction and Wear Behavior of Nano-Al2O3 Particles Reinforced Copper Matrix Composites. Journal of Tribology, 2015, 137, .	1.9	6
8	Electromagnetic modification of faceted-faceted Ni31Si12-Ni2Si eutectic alloy. Science Bulletin, 2012, 57, 1595-1599.	1.7	5
9	Design and Parameter Research of Time-Harmonic Magnetic Field Sensor Based on PDMS in Microfluidic Technology. Polymers, 2020, 12, 2022.	4.5	4
10	An Impedance Sensor for Distinguishing Multi-Contaminants in Hydraulic Oil of Offshore Machinery. Micromachines, 2021, 12, 1407.	2.9	4
11	Comprehensive detection method for multi-contaminants in hydraulic oil based on inductance-resistance-capacitance analysis. Tribology International, 2022, 173, 107609.	5.9	3
12	A Multi-Parameter Microfluidic Particle Sensor Based on Permalloy for High Sensitivity. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	2
13	An Oil Multipollutant Detection Sensor With High Sensitivity and High Throughput. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	2
14	Uncertainty analysis of ship shafting bearing load under the variational elevation based on stochastic finite element. , 2021, , .		0
15	Nonlinear Fixed-Time Bipartite Consensus Algorithm for Multiagent Systems. , 2021, , .		0
16	Experimental Investigation on the Friction-Induced Vibration with Periodic Characteristics in a Running-In Process under Lubrication. Shock and Vibration, 2021, 2021, 1-10.	0.6	0