Tongyang Li

List of Publications by Year
in descending order

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12 papers	170 citations	1306789 7 h-index	1473754 9 g-index
12 all docs	12 docs citations	12 times ranked	116 citing authors

#	Article	IF	Citations
1	A numerical approach for predicting the remaining useful life of an aviation hydraulic pump based on monitoring abrasive debris generation. Mechanical Systems and Signal Processing, 2020, 136, 106519.	4.4	18
2	A General Framework for Aliasing Corrections of Inductive Oil Debris Detection Based on Artificial Neural Networks. IEEE Sensors Journal, 2020, 20, 10724-10732.	2.4	16
3	An energy-based coupling degradation propagation model and its application to aviation actuation system. Chinese Journal of Aeronautics, 2020, 33, 1288-1298.	2.8	3
4	Mechanical Wear Life Prediction Based on Abrasive Debris Generation. , 2019, , .		1
5	Mesoscale Numerical Modeling for Predicting Wear Debris Generation. Tribology Letters, 2019, 67, 1.	1.2	9
6	Aliasing Signal Separation for Superimposition of Inductive Debris Detection Using CNN-Based DUET. , 2019, , .		4
7	System Reliability Assessment Based on Energy Dissipation: Modeling and Application in Electro-Hydrostatic Actuation System. Energies, 2019, 12, 3572.	1.6	4
8	Fault diagnosis of an intelligent hydraulic pump based on a nonlinear unknown input observer. Chinese Journal of Aeronautics, 2018, 31, 385-394.	2.8	57
9	An adaptive-order particle filter for remaining useful life prediction of aviation piston pumps. Chinese Journal of Aeronautics, 2018, 31, 941-948.	2.8	35
10	A Load Sequence Design Method for Hydraulic Piston Pump Based on Time-Related Markov Matrix. IEEE Transactions on Reliability, 2018, 67, 1237-1248.	3.5	8
11	Aliasing Signal Separation of Superimposed Abrasive Debris Based on Degenerate Unmixing Estimation Technique. Sensors, 2018, 18, 866.	2.1	15
12	Degrading process simulation of aviation hydraulic pump with lifetime experiment data based on hidden semi-Markov model. , 2017, , .		0