

Tongyang Li

List of Publications by Year in descending order

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12
papers

170
citations

1306789

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1473754

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12
docs citations

12
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Aliasing Signal Separation of Superimposed Abrasive Debris Based on Degenerate Unmixing Estimation Technique. Sensors, 2018, 18, 866.	2.1	15
6	Mesoscale Numerical Modeling for Predicting Wear Debris Generation. Tribology Letters, 2019, 67, 1.	1.2	9
7	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
8	Aliasing Signal Separation for Superimposition of Inductive Debris Detection Using CNN-Based DUET. , 2019, , .		4
9	System Reliability Assessment Based on Energy Dissipation: Modeling and Application in Electro-Hydrostatic Actuation System. Energies, 2019, 12, 3572.	1.6	4
10	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
11	Mechanical Wear Life Prediction Based on Abrasive Debris Generation. , 2019, , .		1
12	Degrading process simulation of aviation hydraulic pump with lifetime experiment data based on hidden semi-Markov model. , 2017, , .		0