Yizhen Peng

List of Publications by Year
in descending order

12 papers	338 citations	1684188 5 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	438 citing authors

#	Article	IF	Citations
1	A Two-Stage Data-Driven-Based Prognostic Approach for Bearing Degradation Problem. IEEE Transactions on Industrial Informatics, 2016, 12, 924-932.	11.3	251
2	Switching State-Space Degradation Model With Recursive Filter/Smoother for Prognostics of Remaining Useful Life. IEEE Transactions on Industrial Informatics, 2019, 15, 822-832.	11.3	44
3	Dynamic reliability assessment and prediction for repairable systems with interval-censored data. Reliability Engineering and System Safety, 2017, 159, 301-309.	8.9	19
4	A New Concept of Instantaneous Whirling Speed for Cracked Rotor's Axis Orbit. Applied Sciences (Switzerland), 2019, 9, 4120.	2.5	6
5	Adaptive Particle Filter-Based Approach for RUL Prediction Under Uncertain Varying Stresses With Application to HDD. IEEE Transactions on Industrial Informatics, 2021, 17, 6272-6281.	11.3	6
6	An integrated Bayesian approach to prognositics of the remaining useful life and its application on bearing degradation problem. , 2015, , .		4
7	Hard Disk Drives Failure Detection Using A Dynamic Tracking Method. , 2019, , .		4
8	The Instability of Angstrom-Scale Head-Disk Interface Induced by Electrostatic Force. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	1
9	Adaptive Remaining Useful Lifetime Prediction of Magnetic Head under Varying Stress Conditions. , 2019, , .		1
10	Doubly Stochastic Cumulative Damage Model for RUL Prediction of HDDs in Uncertain Operating Environments. IEEE Transactions on Industrial Electronics, 2021, 68, 8743-8752.	7.9	1
11	Influence of rotation speed on motion accuracy of hydrostatic journal bearing. Nonlinear Dynamics, 2021, 105, 2959-2980.	5.2	1
12	New Data Augmentation-Driven RUL Prognosis Approach for Cumulative Damage Model Using Incomplete Observations. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	0