Xiaolei Fang

List of Publications by Year
in descending order

18 papers	459 citations	840776 11 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	315 citing authors

#	ARTICLE	IF	CITATIONS
1	Distributionally Robust Optimization: A review on theory and applications. Numerical Algebra, Control and Optimization, 2022, 12, 159.	1.6	37
2	Adversarial Regressive Domain Adaptation Approach for Infrared Thermography-Based Unsupervised Remaining Useful Life Prediction. IEEE Transactions on Industrial Informatics, 2022, 18, 7219-7229.	11.3	26
3	Spatiotemporal denoising wavelet network for infrared thermography-based machine prognostics integrating ensemble uncertainty. Mechanical Systems and Signal Processing, 2022, 173, 109014.	8.0	11
4	Multi-sensor prognostics modeling for applications with highly incomplete signals. IISE Transactions, 2021, 53, 597-613.	2.4	9
5	Remaining useful life prediction based on a multi-sensor data fusion model. Reliability Engineering and System Safety, 2021, 208, 107249.	8.9	80
6	Integrated Remanufacturing and Opportunistic Maintenance Decision-Making for Leased Batch Production Lines. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	10
7	Infrared image stream based regressors for contactless machine prognostics. Mechanical Systems and Signal Processing, 2021, 154, 107592.	8.0	12
8	Multistream Sensor Fusion-Based Prognostics Model for Systems Under Multiple Operational Conditions. , 2021, , .		1
9	Multichannel profile-based monitoring method and its application in the basic oxygen furnace steelmaking process. Journal of Manufacturing Systems, 2021, 61, 375-390.	13.9	10
10	Prognostic and health management for adaptive manufacturing systems with online sensors and flexible structures. Computers and Industrial Engineering, 2019, 133, 57-68.	6.3	25
11	Online Analytics Framework of Sensor-Driven Prognosis and Opportunistic Maintenance for Mass Customization. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	37
12	Image-Based Prognostics Using Penalized Tensor Regression. Technometrics, 2019, 61, 369-384.	1.9	22
13	Real-Time Predictive Analytics Using Degradation Image Data. , 2018, , .		0
14	Lease-Oriented Opportunistic Maintenance for Multi-Unit Leased Systems Under Product-Service Paradigm. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2017, 139, .	2.2	45
15	Scalable prognostic models for large-scale condition monitoring applications. IISE Transactions, 2017, 49, 698-710.	2.4	30
16	Multistream sensor fusion-based prognostics model for systems with single failure modes. Reliability Engineering and System Safety, 2017, 159, 322-331.	8.9	63
17	An adaptive functional regression-based prognostic model for applications with missing data. Reliability Engineering and System Safety, 2015, 133, 266-274.	8.9	40
18	Two-dimensional variable selection and its applications in the diagnostics of product quality defects. IISE Transactions, 0, , 1-11.	2.4	1