

Jianguo Wu

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

191
citations

8
h-index

13
g-index

19
ext. papers

255
ext. citations

3.8
avg, IF

3.61
L-index

#	Paper	IF	Citations
17	A Shape-Constrained Neural Data Fusion Network for Health Index Construction and Residual Life Prediction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5022-5033	10.3	5
16	Automatic morphological extraction of fibers from SEM images for quality control of short fiber-reinforced composites manufacturing. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2021 , 33, 176-187	3.4	1
15	A Neural Network-Based Joint Prognostic Model for Data Fusion and Remaining Useful Life Prediction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 117-127	10.3	10
14	Adaptive Minimum Confidence Region Rule for Multivariate Initialization Bias Truncation in Discrete-Event Simulations. <i>Technometrics</i> , 2020 , 62, 499-512	1.4	1
13	A Sequential Bayesian Partitioning Approach for Online Steady-State Detection of Multivariate Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019 , 16, 1882-1895	4.9	2
12	Multiple-Change-Point Modeling and Exact Bayesian Inference of Degradation Signal for Prognostic Improvement. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019 , 16, 613-628	4.9	14
11	Degradation modeling and RUL prediction using Wiener process subject to multiple change points and unit heterogeneity. <i>Reliability Engineering and System Safety</i> , 2018 , 176, 113-124	6.3	49
10	Inferring 3D ellipsoids based on cross-sectional images with applications to porosity control of additive manufacturing. <i>IIE Transactions</i> , 2018 , 50, 570-583	3.3	5
9	Size Distribution Estimation of Three-Dimensional Particle Clusters in Metal-Matrix Nanocomposites Considering Sampling Bias. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2017 , 139,	3.3	6
8	Multiple-Phase Modeling of Degradation Signal for Condition Monitoring and Remaining Useful Life Prediction. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 924-938	4.6	22
7	Microstructure Modeling and Ultrasonic Wave Propagation Simulation of A206Al ₂ O ₃ Metal Matrix Nanocomposites for Quality Inspection. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2016 , 138,	3.3	6
6	Online detection of steady-state operation using a multiple-change-point model and exact Bayesian inference. <i>IIE Transactions</i> , 2016 , 48, 599-613		13
5	Online Steady-State Detection for Process Control Using Multiple Change-Point Models and Particle Filters. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016 , 13, 688-700	4.9	20
4	Online Steady State Detection Based on Rao-Blackwellized Sequential Monte Carlo. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 2667-2683	2.6	5
3	Ultrasonic Attenuation Based Inspection Method for Scale-up Production of A206Al ₂ O ₃ Metal Matrix Nanocomposites. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2015 , 137,	3.3	14
2	Acoustic Emission Monitoring for Ultrasonic Cavitation Based Dispersion Process. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2013 , 135,	3.3	18
1	Online Structural Change-Point Detection of High-dimensional Streaming Data via Dynamic Sparse Subspace Learning. <i>Technometrics</i> , 1-14	1.4	0

