

Yan Qin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Slow-Varying Dynamics-Assisted Temporal Capsule Network for Machinery Remaining Useful Life Estimation. IEEE Transactions on Cybernetics, 2023, 53, 592-606.	9.5	25
2	IIoT-Enabled Health Monitoring for Integrated Heat Pump System Using Mixture Slow Feature Analysis. IEEE Transactions on Industrial Informatics, 2022, 18, 4725-4736.	11.3	15
3	Start-up monitoring for intermittent manufacturing based on hierarchical stationarity analysis. Chemical Engineering Research and Design, 2022, 185, 26-36.	5.6	1
4	Time-Series Regeneration With Convolutional Recurrent Generative Adversarial Network for Remaining Useful Life Estimation. IEEE Transactions on Industrial Informatics, 2021, 17, 6820-6831.	11.3	52
5	Transfer Learning-Based State of Charge Estimation for Lithium-Ion Battery at Varying Ambient Temperatures. IEEE Transactions on Industrial Informatics, 2021, 17, 7304-7315.	11.3	56
6	Lithium-ion Battery State of Health Estimation based on Cycle Synchronization using Dynamic Time Warping. , 2021, , .		3
7	Fault Frequency Identification of Rolling Bearing Using Reinforced Ensemble Local Mean Decomposition. Journal of Control Science and Engineering, 2021, 2021, 1-12.	1.0	1
8	An uncertainty-aware deep reinforcement learning framework for residential air conditioning energy management. Applied Energy, 2020, 276, 115426.	10.1	59
9	Invariant learning based multi-stage identification for Lithium-ion battery performance degradation. , 2020, , .		6
10	A Transient Feature Learning-Based Intelligent Fault Diagnosis Method for Planetary Gearboxes. Strojnicki Vestnik/Journal of Mechanical Engineering, 2020, 66, 385-394.	1.1	1
11	A new soft-sensor algorithm with concurrent consideration of slowness and quality interpretation for dynamic chemical process. Chemical Engineering Science, 2019, 199, 28-39.	3.8	42
12	Comprehensive process decomposition for closed-loop process monitoring with quality-relevant slow feature analysis. Journal of Process Control, 2019, 77, 141-154.	3.3	30
13	Set-valued Kalman filtering: Event triggered communication with quantized measurements. Peer-to-Peer Networking and Applications, 2019, 12, 677-688.	3.9	3
14	Multiple Feature Vectors Based Fault Classification for WSN Integrated Bearing of Rolling Mill. Journal of Control Science and Engineering, 2018, 2018, 1-11.	1.0	1
15	An intelligent non-optimality self-recovery method based on reinforcement learning with small data in big data era. Chemometrics and Intelligent Laboratory Systems, 2018, 176, 89-100.	3.5	21
16	Subspace decomposition and critical phase selection based cumulative quality analysis for multiphase batch processes. Chemical Engineering Science, 2017, 166, 130-143.	3.8	28
17	Subspace decomposition based cumulative quality analysis for multiphase batch processes. , 2017, , .		1
18	Multimode and Multiphase Batch Processes Understanding and Monitoring Based on between-Mode Similarity Evaluation and Multimode Discriminative Information Analysis. Industrial & Engineering Chemistry Research, 2017, 56, 9679-9690.	3.7	18

#	ARTICLE	IF	CITATIONS
19	Diagnosis of incipient fault conditions in batch processes using estimated data covariance structures. IFAC-PapersOnLine, 2017, 50, 12779-12784.	0.9	0
20	An iterative two-step sequential phase partition (ITSP) method for batch process modeling and online monitoring. AIChE Journal, 2016, 62, 2358-2373.	3.6	44
21	Multi-stage Process Analysis and Modelling based Online Monitoring for Chip Packaging Process. IFAC-PapersOnLine, 2015, 48, 993-998.	0.9	0
22	Integrated Optimization Based on Transition Tracking Analysis for Batch Processes. IFAC-PapersOnLine, 2015, 48, 272-277.	0.9	0
23	Comprehensive Subspace Decomposition with Analysis of Between-Mode Relative Changes for Multimode Process Monitoring. Industrial & Engineering Chemistry Research, 2015, 54, 3154-3166.	3.7	38