

Ying Zheng

List of Publications by Year in descending order

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41
papers

789
citations

566801

15
h-index

500791

28
g-index

41
all docs

41
docs citations

41
times ranked

527
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-Weighted Kernel-Sparse-Representation-Based Real-Time Nonlinear Multimode Process Monitoring. IEEE Transactions on Industrial Informatics, 2022, 18, 2411-2421.	7.2	14
2	Stationary Mapping Based Generalized Monitoring Scheme for Industrial Processes With Mixed Operational Stages. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	2.4	5
3	Bearing Remaining Useful Life Prediction Based on Regression Shapaleet and Graph Neural Network. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	2.4	31
4	Consensus of Second-Order Heterogeneous Hybrid Multiagent Systems via Event-Triggered Protocols. Complexity, 2022, 2022, 1-16.	0.9	0
5	Comparing Three Different Decoupling Control Approaches for Roll-to-Roll Printing Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2022, 144, .	0.9	3
6	A Direct-Decoupling Closed-Loop Control Method for Roll-to-Roll Web Printing Systems. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1367-1379.	3.4	6
7	Fully Decoupled Control of the Machine Directional Register in Roll-to-Roll Printing System. IEEE Transactions on Industrial Electronics, 2021, 68, 10007-10018.	5.2	8
8	SPA-Based Modified Local Reachability Density Ratio wSVDD for Nonlinear Multimode Process Monitoring. Complexity, 2021, 2021, 1-15.	0.9	4
9	Multivariate/minor fault diagnosis with severity level based on Bayesian decision theory and multidimensional RBC. Journal of Process Control, 2021, 101, 68-77.	1.7	19
10	A Visualized Quality Grading Method for Multi-index Products. , 2021, , .		0
11	Improved Fault Detection Using Kantorovich Distance and Neighborhood Preserving Embedding method. , 2021, , .		1
12	Remaining useful life prediction of lithium battery based on capacity regeneration point detection. Energy, 2021, 234, 121233.	4.5	40
13	Multidimensional Reconstruction-Based Contribution for Multiple Faults Isolation with k-Nearest Neighbor Strategy. , 2021, , .		1
14	Health stages division and remaining useful life prediction of rolling element bearings based on hidden semi-Markov model. , 2021, , .		2
15	Multi-attention Parallel CNN-GRU Fault Diagnosis Method For Rolling Bearing. , 2021, , .		0
16	Torus-Event-Based Fault Diagnosis for Stochastic Multirate Time-Varying Systems With Constrained Fault. IEEE Transactions on Cybernetics, 2020, 50, 2803-2813.	6.2	31
17	A Data-Driven Soft Sensor Based on Multilayer Perceptron Neural Network With a Double LASSO Approach. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3972-3979.	2.4	40
18	Remaining useful life prediction of lithium-ion battery with optimal input sequence selection and error compensation. Neurocomputing, 2020, 414, 245-254.	3.5	76

#	ARTICLE	IF	CITATIONS
19	Between-class difference analysis based multidimensional RBC for multivariate fault isolation of industrial processes. Journal of the Taiwan Institute of Chemical Engineers, 2020, 115, 1-12.	2.7	6
20	Trajectory-based operation monitoring of transition procedure in multimode process. Journal of Process Control, 2020, 96, 67-81.	1.7	18
21	Density peaks clustering-based steady/transition mode identification and monitoring of multimode processes. Canadian Journal of Chemical Engineering, 2020, 98, 2137-2149.	0.9	17
22	Degradation assessment of bearings with trend-reconstruct-based features selection and gated recurrent unit network. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108064.	2.5	64
23	Parity space-based model mismatch detection for linear discrete time-invariant systems with unknown disturbances. , 2020, , .		0
24	Bearings Remaining Useful Life Prediction with Combinatorial Feature Extraction Method and Gated Recurrent Unit Network. , 2020, , .		2
25	Long-term RUL Prediction of Bearings with Signal Amplitude Regulation and Accumulative Feature. , 2020, , .		1
26	A Text Categorization Method Using Graph Convolutional Network based on Sparse Representation. , 2019, , .		1
27	Adaptive output feedback control with linear observer for second-order nonlinear uncertain multi-agent systems. , 2019, , .		0
28	Modeling and Register Control of the Speed-Up Phase in Roll-to-Roll Printing Systems. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1438-1449.	3.4	17
29	Ranking 3D feature correspondences via consistency voting. Pattern Recognition Letters, 2019, 117, 1-8.	2.6	25
30	Quality-based Process Monitoring with Parallel Regularized Canonical Correlation Analysis. , 2018, , .		0
31	Parallel projection to latent structures for quality-relevant process monitoring. Journal of the Taiwan Institute of Chemical Engineers, 2017, 80, 76-84.	2.7	14
32	Normalized Relative RBC-Based Minimum Risk Bayesian Decision Approach for Fault Diagnosis of Industrial Process. IEEE Transactions on Industrial Electronics, 2016, 63, 7723-7732.	5.2	50
33	Model-based feedforward register control of roll-to-roll web printing systems. Control Engineering Practice, 2016, 51, 58-68.	3.2	24
34	An Optimized Feedforward Decoupling PD Register Control Method of Roll-to-Roll Web Printing Systems. IEEE Transactions on Automation Science and Engineering, 2016, 13, 274-283.	3.4	29
35	Multi-objective monitoring of closed-loop controlled systems using adaptive LASSO. Journal of the Taiwan Institute of Chemical Engineers, 2015, 56, 84-95.	2.7	10
36	PLS-based Similarity Analysis for Mode Identification in Multimode Manufacturing Processes. IFAC-PapersOnLine, 2015, 48, 777-782.	0.5	8

#	ARTICLE	IF	CITATIONS
37	A time series model coefficients monitoring approach for controlled processes. Chemical Engineering Research and Design, 2015, 100, 228-236.	2.7	12
38	ARMAX model based run-to-run fault diagnosis approach for batch manufacturing process with metrology delay. International Journal of Production Research, 2014, 52, 2915-2930.	4.9	8
39	Model based PD control during the speed-up phase in roll-to-roll web register systems. , 2014, , .		2
40	Adaptive Nonconvex Nonsmooth Regularization for Image Restoration Based on Spatial Information. Circuits, Systems, and Signal Processing, 2014, 33, 2549-2564.	1.2	5
41	Takagi-sugeno fuzzy-model-based fault detection for networked control systems with Markov delays. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 924-929.	5.5	195