

Youqing Wang

List of Publications by Year in descending order

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169
papers

4,687
citations

94433

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110387

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170
all docs

170
docs citations

170
times ranked

2675
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Detection for Dynamic Processes Based on Recursive Innovational Component Statistical Analysis. IEEE Transactions on Automation Science and Engineering, 2023, 20, 310-319.	5.2	17
2	Online Secure State Estimation of Multiagent Systems Using Average Consensus. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3174-3186.	9.3	10
3	Artificial Neural Correlation Analysis for Performance-Indicator-Related Nonlinear Process Monitoring. IEEE Transactions on Industrial Informatics, 2022, 18, 1039-1049.	11.3	54
4	Improved point-to-point iterative learning control for batch processes with unknown batch-varying initial state. ISA Transactions, 2022, 125, 290-299.	5.7	5
5	Recursive Correlative Statistical Analysis Method With Sliding Windows for Incipient Fault Detection. IEEE Transactions on Industrial Electronics, 2022, 69, 4185-4194.	7.9	49
6	Asymptotically Stable Filter for MVU Estimation of States and Homologous Unknown Inputs in Heterogeneous Multiagent Systems. IEEE Transactions on Automation Science and Engineering, 2022, 19, 884-894.	5.2	9
7	Gear Fault Diagnosis Based on Variational Modal Decomposition and Wide+Narrow Visual Field Neural Networks. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3288-3299.	5.2	16
8	A novel multivariate statistical process monitoring algorithm: Orthonormal subspace analysis. Automatica, 2022, 138, 110148.	5.0	48
9	Event-Triggered Sensor Fault Estimation of Unreliable Networked Unmanned Surface Vehicle System With Correlated Noises. IEEE Transactions on Vehicular Technology, 2022, 71, 2527-2537.	6.3	7
10	Improved neural component analysis for monitoring nonlinear and Non-Gaussian processes. Measurement: Journal of the International Measurement Confederation, 2022, 195, 111164.	5.0	4
11	An analytical partial least squares method for process monitoring. Control Engineering Practice, 2022, 124, 105182.	5.5	16
12	Survey on recursive statistical process monitoring methods. Canadian Journal of Chemical Engineering, 2022, 100, 2093-2103.	1.7	3
13	Key-Performance-Indicator-Related Process Monitoring Based on Improved Kernel Partial Least Squares. IEEE Transactions on Industrial Electronics, 2021, 68, 2626-2636.	7.9	131
14	Key-performance-indicator-related state monitoring based on kernel canonical correlation analysis. Control Engineering Practice, 2021, 107, 104692.	5.5	42
15	Fault Diagnosis of Rolling Bearings Based on an Improved Stack Autoencoder and Support Vector Machine. IEEE Sensors Journal, 2021, 21, 4927-4937.	4.7	112
16	New Nonlinear Approach for Process Monitoring: Neural Component Analysis. Industrial & Engineering Chemistry Research, 2021, 60, 387-398.	3.7	36
17	C-IPLS&KPLS for Modeling and Detecting Nonlinear Multimode Processes. Industrial & Engineering Chemistry Research, 2021, 60, 1684-1698.	3.7	8
18	Active fault tolerant control based on adaptive interval observer for uncertain systems with sensor faults. International Journal of Robust and Nonlinear Control, 2021, 31, 2857-2881.	3.7	19

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19	Process Monitoring Using a Novel Robust PCA Scheme. Industrial & Engineering Chemistry Research, 2021, 60, 4397-4404.	3.7	20
20	Distributed point-to-point iterative learning control for multi-agent systems with quantization. Journal of the Franklin Institute, 2021, 358, 6508-6525.	3.4	9
21	Secure State Estimation of Multiagent Systems With Homologous Attacks Using Average Consensus. IEEE Transactions on Control of Network Systems, 2021, 8, 1293-1303.	3.7	11
22	Fault-tolerant control for linear parameter varying systems with integral measurements based on event-triggered mechanism. Journal of the Franklin Institute, 2021, 358, 8250-8269.	3.4	7
23	Degradation State Partition and Compound Fault Diagnosis of Rolling Bearing Based on Personalized Multilabel Learning. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	31
24	An Imbalanced Fault Diagnosis Method for Rolling Bearing Based on Semi-Supervised Conditional Generative Adversarial Network With Spectral Normalization. IEEE Access, 2021, 9, 27736-27747.	4.2	30
25	Actuator and sensor fault estimation for discrete-time switched Tâ€™S fuzzy systems with time delay. Journal of the Franklin Institute, 2021, 358, 1619-1634.	3.4	32
26	Recursive Innovational Component Statistical Analysis for Fault Detection in Dynamic Processes. , 2021, , .		0
27	A deep learning model for bearing fault diagnosis based on convolution neural network with multi-channel and residual network. , 2021, , .		3
28	Two-Step Partial Least Squares for Monitoring Dynamic Processes. , 2021, , .		0
29	Chinese Electronic Medical Record Named Entity Recognition based on FastBERT method. , 2021, , .		0
30	Multi-Step Canonical Correlation Analysis for Dynamic Process Monitoring. , 2021, , .		0
31	Fault-Tolerant Control for Linear Parameter Varying Systems with Time-Delay and Integral Measurements. , 2021, , .		0
32	Minimalist module analysis for fault detection and localization. Scientific Reports, 2021, 11, 23571.	3.3	0
33	Innovation Neural Component Analysis for Monitoring Nonlinear and Dynamic Processes. , 2021, , .		0
34	Predictive Fault-tolerant Control for Trajectory Tracking of Unmanned Surface Vehicle. , 2021, , .		2
35	Multimode Processes Monitoring based on Slow Feature Analysis with Personalized Modeling. , 2021, , .		0
36	A Detection-Interval-Varying Event-Triggering Mechanism for Multi-Agent Systems With Disturbances. , 2021, , .		0

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37	Synthesis of ILC-MPC Controller With Data-Driven Approach for Constrained Batch Processes. IEEE Transactions on Industrial Electronics, 2020, 67, 3116-3125.	7.9	30
38	Fault estimation based on sliding mode observer for Takagi-Sugeno fuzzy systems with digital communication constraints. Journal of the Franklin Institute, 2020, 357, 569-588.	3.4	32
39	An Improved Fault Diagnosis Method of Rotating Machinery Using Sensitive Features and RLS-BP Neural Network. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1585-1593.	4.7	58
40	Prediction of blood glucose concentration for type 1 diabetes based on echo state networks embedded with incremental learning. Neurocomputing, 2020, 378, 248-259.	5.9	21
41	Length of stay prediction for ICU patients using individualized single classification algorithm. Computer Methods and Programs in Biomedicine, 2020, 186, 105224.	4.7	39
42	Distributed Unscented Kalman Filters for Nonlinear Multi-Agent Systems with Homologous Unknown Inputs. , 2020, , .		4
43	Blood glucose concentration prediction based on kernel canonical correlation analysis with particle swarm optimization and error compensation. Computer Methods and Programs in Biomedicine, 2020, 196, 105574.	4.7	12
44	Glucose outcomes of a learning-type artificial pancreas with an unannounced meal in type 1 diabetes. Computer Methods and Programs in Biomedicine, 2020, 191, 105416.	4.7	10
45	Multistep Dynamic Slow Feature Analysis for Industrial Process Monitoring. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9535-9548.	4.7	80
46	State and fault estimation for nonlinear recurrent neural network systems: Experimental testing on a three-tank system. Canadian Journal of Chemical Engineering, 2020, 98, 1328-1338.	1.7	17
47	Fault Detection, Supervision, and Safety for Chemical Processes: 2020. Canadian Journal of Chemical Engineering, 2020, 98, 1267-1268.	1.7	3
48	Mortality prediction for ICU patients with individualized single classification method. IFAC-PapersOnLine, 2020, 53, 16131-16136.	0.9	0
49	Comparison of Three Data-Driven Identification Methods and Experimental Testing on a YunZhou Unmanned Surface Vehicle. , 2020, , .		3
50	Multiblock regression model for fault diagnosis. , 2020, , .		1
51	A Multi-Label Method of State Partition and Fault Diagnosis Based on Binary Relevance Algorithm. , 2020, , .		3
52	Fault detection of rotating machinery based on wavelet transform and improved deep neural network. , 2020, , .		1
53	Improved closed-loop subspace identification based on principal component analysis and prior information. Journal of Process Control, 2019, 80, 235-246.	3.3	13
54	Two-Step Dynamic Slow Feature Analysis for Dynamic Process Monitoring. , 2019, , .		2

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55	Energy-Optimal Time Allocation in Point-to-Point ILC With Specified Output Tracking. IEEE Access, 2019, 7, 122595-122604.	4.2	15
56	Weighted preliminary-summation-based principal component analysis for non-Gaussian processes. Control Engineering Practice, 2019, 87, 122-132.	5.5	45
57	Transient Stability Assessment of Power Systems Based on Slow Feature Analysis. , 2019, , .		0
58	Fault Diagnosis Observer and Fault-Tolerant Control Design for Unmanned Surface Vehicles in Network Environments. IEEE Access, 2019, 7, 173694-173702.	4.2	27
59	On robust Kalman filter for two-dimensional uncertain linear discrete time-varying systems: A least squares method. Automatica, 2019, 99, 203-212.	5.0	73
60	Existence and design of observers for two-dimensional linear systems with multiple channel faults. Multidimensional Systems and Signal Processing, 2019, 30, 641-660.	2.6	3
61	Batch Process Modeling and Monitoring With Local Outlier Factor. IEEE Transactions on Control Systems Technology, 2019, 27, 1552-1565.	5.2	48
62	Fault-tolerant Control for Nonlinear Systems with Multiple Intermittent Faults and Time-varying Delays. International Journal of Control, Automation and Systems, 2018, 16, 609-621.	2.7	18
63	Krein-space based robust estimation for two-dimensional uncertain linear discrete time-varying systems. Systems and Control Letters, 2018, 115, 41-47.		
64	Health status monitoring for ICU patients based on locally weighted principal component analysis. Computer Methods and Programs in Biomedicine, 2018, 156, 61-71.	4.7	5
65	Preface of the fault detection, supervision and safety for chemical processes. Canadian Journal of Chemical Engineering, 2018, 96, 424-425.	1.7	2
66	Minimum-Variance Unbiased Unknown Input and State Estimation for Multi-Agent Systems by Distributed Cooperative Filters. IEEE Access, 2018, 6, 18128-18141.	4.2	24
67	Control Performance Assessment for ILC-Controlled Batch Processes in a 2-D System Framework. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1493-1504.	9.3	82
68	Two-step principal component analysis for dynamic processes monitoring. Canadian Journal of Chemical Engineering, 2018, 96, 160-170.	1.7	62
69	Modified partial least square for diagnosing key performance indicator-related faults. Canadian Journal of Chemical Engineering, 2018, 96, 444-454.	1.7	36
70	Mortality prediction for ICU patients combining just-in-time learning and extreme learning machine. Neurocomputing, 2018, 281, 12-19.	5.9	26
71	H_{∞} Fault Estimation for 2-D Linear Discrete Time-Varying Systems Based on Krein Space Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2070-2079.	9.3	52
72	Fault Diagnosis and Application to Modern Systems 2018. Journal of Control Science and Engineering, 2018, 2018, 1-3.	1.0	3

#	ARTICLE	IF	CITATIONS
73	Smoothed Fisher Discriminant Analysis for Incipient Fault Diagnosis. , 2018, , .		0
74	Fault Compensation for Two-Dimensional Discrete Systems with Actuator/Sensor Faults and Time-Varying Delays. , 2018, , .		0
75	Optimal Time Allocation of Point-to-Point Iterative Learning Control with Specified Output Tracking. , 2018, , .		1
76	Minimum-Variance Unbiased Unknown Input and State Estimation for Multi-Agent System with Heterogeneous Unknown Input. , 2018, , .		2
77	Control Performance Assessment for ILC-Controlled Batch Processes Based on MPC Benchmark. , 2018, , .		1
78	Minimum-variance unbiased unknown input and state estimation for multi-agent systems with direct feedthrough by using distributed cooperative filters. IFAC-PapersOnLine, 2018, 51, 286-291.	0.9	1
79	Improved Closed-Loop Subspace Identification with Prior Information Using Principal Component Analysis and Column Weighting. , 2018, , .		1
80	Improved Distributed Cooperative Filters for Minimum-Variance Unbiased Estimation of Unknown Inputs and States in Multi-Agent Systems. , 2018, , .		0
81	Special series: Voices from China. Canadian Journal of Chemical Engineering, 2018, 96, 2058-2058.	1.7	1
82	Virtual issue: Voices from China. Canadian Journal of Chemical Engineering, 2018, 96, 2124-2124.	1.7	0
83	Fault estimation and compensation for two-dimensional linear systems with actuator/sensor faults. , 2018, , .		1
84	Survey on the theoretical research and engineering applications of multivariate statistics process monitoring algorithms: 2008â€“2017. Canadian Journal of Chemical Engineering, 2018, 96, 2073-2085.	1.7	178
85	Improved closed-loop subspace identification with prior information. International Journal of Systems Science, 2018, 49, 1821-1835.	5.5	11
86	Chaotic time series analysis approach for prediction blood glucose concentration based on echo state networks. , 2018, , .		7
87	Reliable H^∞ control for nonlinear discrete-time systems with multiple intermittent faults in sensors or actuators. International Journal of Systems Science, 2017, 48, 302-315.	5.5	16
88	Fault diagnosis and compensation for two-dimensional discrete time systems with sensor faults and time-varying delays. International Journal of Robust and Nonlinear Control, 2017, 27, 3296-3320.	3.7	65
89	â€œLearningâ€“Can Improve the Blood Glucose Control Performance for Type 1 Diabetes Mellitus. Diabetes Technology and Therapeutics, 2017, 19, 41-48.	4.4	51
90	Convergence analysis of ILC input sequence for underdetermined linear systems. Science China Information Sciences, 2017, 60, 1.	4.3	8

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91	Unbiased Minimum Variance Fault and State Estimation for Linear Discrete Time-Varying Two-Dimensional Systems. IEEE Transactions on Automatic Control, 2017, 62, 5463-5469.	5.7	109
92	On interval tracking performance evaluation and practical varying sampling ILC. International Journal of Systems Science, 2017, 48, 1624-1634.	5.5	0
93	Stochastic Point-to-Point Iterative Learning Tracking Without Prior Information on System Matrices. IEEE Transactions on Automation Science and Engineering, 2017, 14, 376-382.	5.2	13
94	Economic Model Predictive Control of Bihormonal Artificial Pancreas System Based on Switching Control and Dynamic R-parameter. Journal of Diabetes Science and Technology, 2017, 11, 1112-1123.	2.2	8
95	Two-step principal component analysis for dynamic processes. , 2017, , .		0
96	Robust preliminary-summation-based principal component analysis for non-Gaussian processes with outliers. , 2017, , .		3
97	Simultaneous estimation of multiple channel faults for two-dimensional linear systems. International Journal of Systems Science, 2017, 48, 2838-2849.	5.5	5
98	Hidden semi-Markov model based monitoring algorithm for multimode processes. , 2017, , .		1
99	Multimode Continuous Processes Monitoring Based on Hidden Semi-Markov Model and Principal Component Analysis. Industrial & Engineering Chemistry Research, 2017, 56, 13800-13811.	3.7	42
100	Subspace identification for closed-loop 2-D separable-in-denominator systems. Multidimensional Systems and Signal Processing, 2017, 28, 1499-1521.	2.6	10
101	Design of Bi-hormonal artificial pancreas system using switching economic model predictive control. , 2017, , .		3
102	Health Status Monitoring for ICU Patients Based on LWPR-PCA. IFAC-PapersOnLine, 2017, 50, 10992-10997.	0.9	1
103	Integrated fault/state estimation for two-dimensional linear time-varying systems. , 2017, , .		0
104	Asymptotically stable observer for two-dimensional systems with multiple-channel faults. , 2017, , .		1
105	Fault Diagnosis and Application to Modern Systems. Journal of Control Science and Engineering, 2017, 2017, 1-3.	1.0	2
106	A modified APLS for key performance indicator-related diagnosis in case of outliers. , 2017, , .		0
107	High-order iterative learning fault-tolerant control for batch processes with iteration-varying sensor faults. , 2017, , .		2
108	A Novel Boundary Control Solution for Unstable Heat Conduction Systems Based on Active Disturbance Rejection Control. Asian Journal of Control, 2016, 18, 595-608.	3.0	9

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109	Performance assessment for batch processes under ILC based on 2-D Fornasini-Marchesini model. , 2016, , .		2
110	Fault-tolerant control of stochastic systems with intermittent faults and time-varying delays. , 2016, , .		2
111	Mortality prediction for ICU patients using just-in-time learning and extreme learning machine. , 2016, , .		3
112	Closed-loop subspace identification with prior information. , 2016, , .		1
113	Dynamic model with time varying delay for type 1 diabetes mellitus identified by using expectation maximization algorithm. , 2016, , .		2
114	Adaptive online monitoring for ICU patients by combining just-in-time learning and principal component analysis. Journal of Clinical Monitoring and Computing, 2016, 30, 807-820.	1.6	19
115	Reliable H_{∞} control of discrete-time systems against random intermittent faults. International Journal of Systems Science, 2016, 47, 2290-2301.	5.5	23
116	On almost sure and mean square convergence of P-type ILC under randomly varying iteration lengths. Automatica, 2016, 63, 359-365.	5.0	121
117	Dynamic higher-order cumulants analysis for state monitoring based on a novel lag selection. Information Sciences, 2016, 331, 45-66.	6.9	20
118	Special issue on multidimensional systems applications. Multidimensional Systems and Signal Processing, 2015, 26, 891-893.	2.6	0
119	Preliminary-summation-based principal component analysis for non-Gaussian processes. Chemometrics and Intelligent Laboratory Systems, 2015, 146, 270-289.	3.5	29
120	Sensor fault reconstruction for a class of 2-D nonlinear systems with application to fault compensation. Multidimensional Systems and Signal Processing, 2015, 26, 1061-1080.	2.6	16
121	Almost sure and mean square convergence of ILC for linear systems with randomly varying iteration lengths. , 2015, , .		2
122	Reliable H_{∞} control for an uncertain nonlinear discrete-time system with multiple intermittent sensor faults ... This work was supported by National Natural Science Foundation of China under Grant 61374099, the Program for New Century Excellent Talents in University under Grant NCET-13-0652, and Beijing Higher Education Young Elite Teacher Project under Grant YETP0505.. IFAC-PapersOnLine, 2015, 48, 760-765.	0.9	2
123	Nonlinear subspace-based extended prediction self-adaptive control for individualized anesthesia care. , 2015, , .		0
124	ILC for networked nonlinear systems with unknown control direction through random Lossy channel. Systems and Control Letters, 2015, 77, 30-39.	2.3	65
125	Adjustment of basal insulin infusion rate in T1DM by hybrid PSO. Soft Computing, 2015, 19, 1921-1937.	3.6	4
126	Optimization of insulin pump therapy based on high order run-to-run control scheme. Computer Methods and Programs in Biomedicine, 2015, 120, 123-134.	4.7	21

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127	Reliable $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0001.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{z} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle$ control for uncertain nonlinear discrete-time systems subject to multiple intermittent faults in sensors and/or actuators. <i>Journal of the Franklin Institute</i> , 2015, 352, 4721-4740.	3.4	51
128	Integrated state/disturbance observers for two-dimensional linear systems. <i>IET Control Theory and Applications</i> , 2015, 9, 1373-1383.	2.1	25
129	A Novel Particle Swarm Optimization Algorithm with Intelligent Weighting Mechanism. , 2015, , .		1
130	Bihormonal artificial pancreas system based on switching model predictive control. , 2015, , .		2
131	Integrated Fault Detection for Two-Dimensional Discrete Systems with Time-Varying Delays. <i>IFAC-PapersOnLine</i> , 2015, 48, 1262-1267.	0.9	1
132	Performance analysis based on least squares and extended Kalman filter for localization of static target in wireless sensor networks. <i>Ad Hoc Networks</i> , 2015, 25, 1-15.	5.5	21
133	ILC for networked discrete systems with random data dropouts: A switched system approach. , 2014, , .		10
134	Iterative learning control for networked stochastic systems with random packet losses. <i>International Journal of Control</i> , 2014, , 1-10.	1.9	7
135	Unknown input observer for 2-D Fornasini-Marchesini system using descriptor system approach. , 2014, , .		0
136	Iterative learning control for networked stochastic systems with random measurement losses. , 2014, , .		3
137	ILC for networked nonlinear systems with random measurement losses and unknown control direction. , 2014, , .		6
138	Fault detection and diagnosis of non-linear non-Gaussian dynamic processes using kernel dynamic independent component analysis. <i>Information Sciences</i> , 2014, 259, 369-379.	6.9	130
139	An enriched simulation environment for evaluation of closed-loop anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2014, 28, 13-26.	1.6	8
140	Online monitoring of nonlinear multivariate industrial processes using filtering KICA-PCA. <i>Control Engineering Practice</i> , 2014, 22, 205-216.	5.5	94
141	Intensive insulin therapy for critically ill subjects based on direct data-driven model predictive control. <i>Journal of Process Control</i> , 2014, 24, 493-503.	3.3	12
142	Intelligent Closed-Loop Insulin Delivery Systems for ICU Patients. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 290-299.	6.3	13
143	Online Monitoring of Multivariate Processes Using Higher-Order Cumulants Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4328-4338.	3.7	24
144	Survey on stochastic iterative learning control. <i>Journal of Process Control</i> , 2014, 24, 64-77.	3.3	189

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145	A Subspace-based Wiener System Identification Method for the Individualized Anesthesia Care. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 11605-11610.	0.4	2
146	ILC for networked control systems with asynchronous multiple data dropouts. , 2014, , .		2
147	Predictive-retrospective proportional glycemic control for type 1 diabetes mellitus. , 2013, , .		0
148	A Novel Adaptive-Weighted-Average Framework for Blood Glucose Prediction. Diabetes Technology and Therapeutics, 2013, 15, 792-801.	4.4	58
149	Hypoglycemia prediction using extreme learning machine (ELM) and regularized ELM. , 2013, , .		17
150	A fault tolerant closed-loop anesthesia system based on internal model control and extended state observer. , 2013, , .		6
151	Localization of static target in WSNs with least-squares and extended Kalman filter. , 2012, , .		5
152	Numerical Simulation and Linear Active Disturbance Rejection Control of Unstable Heat Conduction Systems. Communications in Computer and Information Science, 2012, , 35-46.	0.5	2
153	A synthetic approach for robust constrained iterative learning control of piecewise affine batch processes. Automatica, 2012, 48, 2762-2775.	5.0	69
154	Iterative learning control for stochastic point-to-point tracking system. , 2012, , .		4
155	Closed-loop blood glucose control using dual subcutaneous infusion of insulin and glucagon based on switching PID controller. , 2012, , .		4
156	Advanced PI control with simple learning set-point design: Application on batch processes and robust stability analysis. Chemical Engineering Science, 2012, 71, 153-165.	3.8	48
157	Closed-Loop Control of Artificial Pancreatic β -Cell in Type 1 Diabetes Mellitus Using Model Predictive Iterative Learning Control. IEEE Transactions on Biomedical Engineering, 2010, 57, 211-219.	4.2	133
158	Quest for the Artificial Pancreas: Combining Technology with Treatment. IEEE Engineering in Medicine and Biology Magazine, 2010, 29, 53-62.	0.8	86
159	Model predictive control with learning β -type set-point: Application to artificial pancreatic β -cell. AIChE Journal, 2010, 56, 1510-1518.	3.6	39
160	IMC-based iterative learning control for batch processes with uncertain time delay. Journal of Process Control, 2010, 20, 173-180.	3.3	109
161	Automatic Bolus and Adaptive Basal Algorithm for the Artificial Pancreatic β -Cell. Diabetes Technology and Therapeutics, 2010, 12, 879-887.	4.4	20
162	Modeling the Effects of Subcutaneous Insulin Administration and Carbohydrate Consumption on Blood Glucose. Journal of Diabetes Science and Technology, 2010, 4, 1214-1228.	2.2	49

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163	A Novel Adaptive Basal Therapy Based on the Value and Rate of Change of Blood Glucose. Journal of Diabetes Science and Technology, 2009, 3, 1099-1108.	2.2	21
164	Generalized predictive control of linear systems with actuator arrearage faults. Journal of Process Control, 2009, 19, 803-815.	3.3	19
165	Survey on iterative learning control, repetitive control, and run-to-run control. Journal of Process Control, 2009, 19, 1589-1600.	3.3	635
166	A systematic approach for on-line identification of second-order process model from relay feedback test. AIChE Journal, 2008, 54, 1560-1578.	3.6	38
167	Iterative learning reliable control of batch processes with sensor faults. Chemical Engineering Science, 2008, 63, 1039-1051.	3.8	54
168	Robust fault-tolerant control of a class of non-minimum phase nonlinear processes. Journal of Process Control, 2007, 17, 523-537.	3.3	58
169	Iterative Learning Fault-Tolerant Control for Batch Processes. Industrial & Engineering Chemistry Research, 2006, 45, 9050-9060.	3.7	123