

Chunhua Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/347315/publications.pdf>

Version: 2024-02-01

333
papers

9,110
citations

38660

50
h-index

62479

80
g-index

333
all docs

333
docs citations

333
times ranked

5521
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and implementation of finite time sliding mode controller for fuzzy overhead crane system. ISA Transactions, 2022, 124, 374-385.	3.1	15
2	Causal augmented ConvNet: A temporal memory dilated convolution model for long-sequence time series prediction. ISA Transactions, 2022, 123, 200-217.	3.1	20
3	CAT-EDNet: Cross-Attention Transformer-Based Encoder-Decoder Network for Salient Defect Detection of Strip Steel Surface. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	2.4	8
4	Design and Implementation of Observer-Based Sliding Mode for Underactuated Rendezvous System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6003-6014.	5.9	8
5	A Just-In-Time-Learning-Aided Canonical Correlation Analysis Method for Multimode Process Monitoring and Fault Detection. IEEE Transactions on Industrial Electronics, 2021, 68, 5259-5270.	5.2	78
6	Deep Learning With Spatiotemporal Attention-Based LSTM for Industrial Soft Sensor Model Development. IEEE Transactions on Industrial Electronics, 2021, 68, 4404-4414.	5.2	234
7	A Projective and Discriminative Dictionary Learning for High-Dimensional Process Monitoring With Industrial Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 558-568.	7.2	62
8	A Fractional Steepest Ascent Morlet Wavelet Transform-Based Transient Fault Diagnosis Method for Traction Drive Control System. IEEE Transactions on Transportation Electrification, 2021, 7, 147-160.	5.3	6
9	A geometry constrained dictionary learning method for industrial process monitoring. Information Sciences, 2021, 546, 265-282.	4.0	12
10	A trend-based event-triggering fuzzy controller for the stabilizing control of a large-scale zinc roaster. Journal of Process Control, 2021, 97, 59-71.	1.7	19
11	Modeling and optimal control framework for the solution purification process. , 2021, , 15-35.		0
12	Angle-Based Analysis Approach for Distributed Constrained Optimization. IEEE Transactions on Automatic Control, 2021, 66, 5569-5576.	3.6	12
13	Moving block principle-based multi-strategy optimal scheduling method for trains in case of segment blockages. Scientia Sinica Informationis, 2021, 51, 413.	0.2	5
14	Distributed dictionary learning for industrial process monitoring with big data. Applied Intelligence, 2021, 51, 7718-7734.	3.3	6
15	Model Predictive Control of a High-Purity Internal Thermally Coupled Distillation Column. Chemical Engineering and Technology, 2021, 44, 1294-1301.	0.9	0
16	Functional deep echo state network improved by a bi-level optimization approach for multivariate time series classification. Applied Soft Computing Journal, 2021, 106, 107314.	4.1	19
17	Adaptive process monitoring via online dictionary learning and its industrial application. ISA Transactions, 2021, 114, 399-412.	3.1	14
18	Optimal Control of Chilled Water System With Ensemble Learning and Cloud Edge Terminal Implementation. IEEE Transactions on Industrial Informatics, 2021, 17, 7839-7848.	7.2	7

#	ARTICLE	IF	CITATIONS
19	Smoothing Complete Feature Pyramid Networks for Roll Mark Detection of Steel Strips. <i>Sensors</i> , 2021, 21, 7264.	2.1	6
20	Optimal Setting and Control for Iron Removal Process Based on Adaptive Neural Network Soft-Sensor. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 2408-2420.	5.9	9
21	A Distributed Dynamic Event-Triggered Control Approach to Consensus of Linear Multiagent Systems With Directed Networks. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 869-874.	6.2	237
22	Deep quality-related feature extraction for soft sensing modeling: A deep learning approach with hybrid VW-SAE. <i>Neurocomputing</i> , 2020, 396, 375-382.	3.5	78
23	Adaptive over-sampling method for classification with application to imbalanced datasets in aluminum electrolysis. <i>Neural Computing and Applications</i> , 2020, 32, 7183-7199.	3.2	12
24	Energy Consumption Forecasting for the Nonferrous Metallurgy Industry Using Hybrid Support Vector Regression with an Adaptive State Transition Algorithm. <i>Cognitive Computation</i> , 2020, 12, 357-368.	3.6	18
25	Hierarchical Quality-Relevant Feature Representation for Soft Sensor Modeling: A Novel Deep Learning Strategy. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 3721-3730.	7.2	176
26	Voltage Difference Residual-Based Open-Circuit Fault Diagnosis Approach for Three-Level Converters in Electric Traction Systems. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 3012-3028.	5.4	69
27	A novel deep learning based fault diagnosis approach for chemical process with extended deep belief network. <i>ISA Transactions</i> , 2020, 96, 457-467.	3.1	280
28	Non-ferrous metals price forecasting based on variational mode decomposition and LSTM network. <i>Knowledge-Based Systems</i> , 2020, 188, 105006.	4.0	136
29	An Improved Homogeneous Polynomial Approach for Adaptive Sliding-Mode Control of Markov Jump Systems With Actuator Faults. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 955-969.	3.6	57
30	Asynchronous Filtering for Delayed Markovian Jump Systems via Homogeneous Polynomial Approach. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 2163-2170.	3.6	22
31	Modeling and simulation of an industrial falling film evaporator for alumina production. <i>Chemical Engineering Research and Design</i> , 2020, 154, 303-315.	2.7	6
32	Dynamic Optimization for Copper Removal Process With Continuous Production Constraints. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 7255-7263.	7.2	24
33	Deep learning for quality prediction of nonlinear dynamic processes with variable attention-based long short-term memory network. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 1377-1389.	0.9	60
34	Headspace Oxygen Concentration Measurement for Pharmaceutical Glass Bottles in Open-Path Optical Environment Using TDLAS/WMS. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 5828-5842.	2.4	33
35	Automated Visual Defect Detection for Flat Steel Surface: A Survey. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 626-644.	2.4	242
36	Power scheduling optimization under single-valued neutrosophic uncertainty. <i>Neurocomputing</i> , 2020, 382, 12-20.	3.5	13

#	ARTICLE	IF	CITATIONS
37	A comprehensive hybrid first principles/machine learning modeling framework for complex industrial processes. <i>Journal of Process Control</i> , 2020, 86, 30-43.	1.7	67
38	Optimizing zinc electrowinning processes with current switching via Deep Deterministic Policy Gradient learning. <i>Neurocomputing</i> , 2020, 380, 190-200.	3.5	20
39	Multivariate Regression Model for Industrial Process Measurement Based on Double Locally Weighted Partial Least Squares. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 3962-3971.	2.4	23
40	Model-based experimental design for nonlinear dynamical systems with unknown state delay and continuous state inequalities. <i>Chemical Engineering Research and Design</i> , 2020, 153, 635-656.	2.7	2
41	An integrated prediction model of heavy metal ion concentration for iron electrocoagulation process. <i>Chemical Engineering Journal</i> , 2020, 391, 123628.	6.6	22
42	A Deep Supervised Learning Framework for Data-Driven Soft Sensor Modeling of Industrial Processes. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 4737-4746.	7.2	63
43	Dynamic analysis and synchronisation control of a novel chaotic system with coexisting attractors. <i>Pramana - Journal of Physics</i> , 2020, 94, 1.	0.9	7
44	Temperature Balancing Method Based on FCSM2 PC for Three-level Inverters. , 2020, , .		0
45	Stochastic optimization for real-time operation of alumina blending process. <i>Journal of Process Control</i> , 2020, 96, 49-56.	1.7	4
46	An ensemble learning framework based on group decision making. , 2020, , .		2
47	Simultaneous Determination of Metal Ions in Zinc Sulfate Solution Using UV-Vis Spectrometry and SPSE-XGBoost Method. <i>Sensors</i> , 2020, 20, 4936.	2.1	14
48	Automated Visual Defect Classification for Flat Steel Surface: A Survey. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 9329-9349.	2.4	65
49	Optimization of Number of Stages for Energy Conservation and Economic Feasibility of the Heat-Integrated Air Separation Column. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 10110-10119.	1.8	6
50	Heat-transfer distribution optimization for the heat-integrated air separation column. <i>Separation and Purification Technology</i> , 2020, 248, 117048.	3.9	7
51	Highly sensitive detection of Pb ²⁺ and Cu ²⁺ based on ZIF-67/MWCNT/Nafion-modified glassy carbon electrode. <i>Analytica Chimica Acta</i> , 2020, 1124, 166-175.	2.6	46
52	EWT-ASG: Empirical Wavelet Transform With Adaptive Savitzky-Golay Filtering for TDLAS. <i>IEEE Photonics Journal</i> , 2020, 12, 1-12.	1.0	10
53	Using hybrid normalization technique and state transition algorithm to VIKOR method for influence maximization problem. <i>Neurocomputing</i> , 2020, 410, 41-50.	3.5	20
54	Soft sensor model for dynamic processes based on multichannel convolutional neural network. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 203, 104050.	1.8	59

#	ARTICLE	IF	CITATIONS
55	A hybrid feature selection method for production condition recognition in froth flotation with noisy labels. Minerals Engineering, 2020, 153, 106201.	1.8	21
56	Deep learning for fault-relevant feature extraction and fault classification with stacked supervised auto-encoder. Journal of Process Control, 2020, 92, 79-89.	1.7	84
57	Transient fault diagnosis for traction control system based on optimal fractional-order method. ISA Transactions, 2020, 102, 365-375.	3.1	10
58	Structure Dictionary Learning-Based Multimode Process Monitoring and its Application to Aluminum Electrolysis Process. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1989-2003.	3.4	54
59	Noise-robust self-adaptive support vector machine for residual oxygen concentration measurement. IEEE Transactions on Instrumentation and Measurement, 2020, , 1-1.	2.4	34
60	Reconstructing Heterogeneous Networks via Compressive Sensing and Clustering. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, , 1-11.	3.4	7
61	Optimal Speed Control for a Semi-Autogenous Mill Based on Discrete Element Method. Processes, 2020, 8, 233.	1.3	4
62	Multi-scale local LSSVM based spatiotemporal modeling and optimal control for the goethite process. Neurocomputing, 2020, 385, 88-99.	3.5	6
63	Harmonic Amplitude Dispersion: When Production Intrinsic Prior Meets Oxygen Concentration Detection of Pharmaceutical Glass Vials. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9833-9843.	2.4	8
64	A novel semi-supervised pre-training strategy for deep networks and its application for quality variable prediction in industrial processes. Chemical Engineering Science, 2020, 217, 115509.	1.9	63
65	Consensus problem for continuous-time multiagent systems with nonconvex control input and velocity constraints. International Journal of Robust and Nonlinear Control, 2020, 30, 5418-5429.	2.1	5
66	Reweighted Compressed Sensing-Based Smart Grids Topology Reconstruction With Application to Identification of Power Line Outage. IEEE Systems Journal, 2020, 14, 4329-4339.	2.9	7
67	Distributed dictionary learning for high-dimensional process monitoring. Control Engineering Practice, 2020, 98, 104386.	3.2	39
68	Kernel intuitionistic fuzzy c-means and state transition algorithm for clustering problem. Soft Computing, 2020, 24, 15507-15518.	2.1	16
69	Stacked isomorphic autoencoder based soft analyzer and its application to sulfur recovery unit. Information Sciences, 2020, 534, 72-84.	4.0	38
70	Review of recent research on fault injection for high-speed train information control systems. Scientia Sinica Informationis, 2020, 50, 465-482.	0.2	1
71	Temperature Compensation and Correction in Detection of Oxygen Content Found in Glass Medicine Bottles Using Laser Wavelength Modulation Spectroscopy. Journal of Testing and Evaluation, 2020, 48, 1683-1693.	0.4	0
72	Computer Vision-Based Online Heterogeneity Assessment of the Sintering Transversal Thermal State. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
73	Time-varying formation control of singular multi-agent systems with multiple leaders. , 2020, , .		1
74	Quality prediction model for process sequential data of irregular measurements with sampling-interval-attention LSTM. , 2020, , .		0
75	Energy-aware scheduling for information fusion in wireless sensor network surveillance. Information Fusion, 2019, 48, 95-106.	11.7	20
76	A Statistical Study on Parameter Selection of Operators in Continuous State Transition Algorithm. IEEE Transactions on Cybernetics, 2019, 49, 3722-3730.	6.2	59
77	A Uniform Modeling Method Based on Open-Circuit Faults Analysis for NPC-Three-Level Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 457-461.	2.2	47
78	Generalized Predictive Control for Industrial Processes Based on Neuron Adaptive Splitting and Merging RBF Neural Network. IEEE Transactions on Industrial Electronics, 2019, 66, 1192-1202.	5.2	54
79	Converter Lifetime Modeling Based on Online Rainflow Counting Algorithm. , 2019, , .		11
80	Finite-time asynchronous sliding mode control for Markovian jump systems. Automatica, 2019, 109, 108503.	3.0	76
81	A spectrophotometric method for simultaneous determination of trace ions of copper, cobalt, and nickel in the zinc sulfate solution by ultraviolet-visible spectrometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 223, 117370.	2.0	13
82	Optimal Setting and Control Strategy for Industrial Process Based on Discrete-Time Fractional-Order $PI^{\lambda}D^{\mu}$. IEEE Access, 2019, 7, 47747-47761.	2.6	15
83	Stability-Based Parameter Selection for Data-Driven Model-Free Adaptive Controllers. Journal of Physics: Conference Series, 2019, 1302, 032055.	0.3	2
84	A Voltage-Based Open-Circuit Fault Diagnosis Approach for Single Phase Two-Level Converters. , 2019, , .		1
85	Modelling of Inner Surface Temperature Field of Blast Furnace Wall Based on Inverse Heat Conduction Problems. IFAC-PapersOnLine, 2019, 52, 78-83.	0.5	2
86	Data-driven Extraction Method of Belief Rule for Reagent Addition in Antimony Rougher Flotation. IFAC-PapersOnLine, 2019, 52, 72-77.	0.5	0
87	A New Data-Driven Method for Nonlinear Process Monitoring. IFAC-PapersOnLine, 2019, 52, 171-176.	0.5	0
88	A Voltage-Based Hierarchical Diagnosis Approach for Open-Circuit Fault of Two-Level Traction Converters. Electronics (Switzerland), 2019, 8, 992.	1.8	5
89	A New Data-Driven Model-Free Adaptive Control for Discrete-Time Nonlinear Systems. IEEE Access, 2019, 7, 126224-126233.	2.6	15
90	Coexisting attractors, circuit realization and impulsive synchronization of a new four-dimensional chaotic system. Modern Physics Letters B, 2019, 33, 1950026.	1.0	7

#	ARTICLE	IF	CITATIONS
91	Improved CCM for variable causality detection in complex systems. Control Engineering Practice, 2019, 83, 67-82.	3.2	16
92	Distributed Continuous-Time and Discrete-Time Optimization With Nonuniform Unbounded Convex Constraint Sets and Nonuniform Stepsizes. IEEE Transactions on Automatic Control, 2019, 64, 5148-5155.	3.6	56
93	Asynchronous output feedback control for fuzzy Markovian jump systems via sliding mode. Journal of the Franklin Institute, 2019, 356, 8952-8970.	1.9	19
94	Nonlinear process monitoring using kernel dictionary learning with application to aluminum electrolysis process. Control Engineering Practice, 2019, 89, 94-102.	3.2	48
95	Open-Circuit Fault Analysis and Modeling for Power Converter Based on Single Arm Model. Electronics (Switzerland), 2019, 8, 633.	1.8	10
96	Containment Control for High-Order Multi-Agent Systems With Nonuniform Communication Delays and Switching Topologies. IEEE Access, 2019, 7, 47577-47581.	2.6	4
97	Effect of clustering property on complex network reconstruction via compressed sensing. Physica A: Statistical Mechanics and Its Applications, 2019, 528, 121357.	1.2	7
98	Dynamic Analysis and Finite-Time Synchronization of a New Hyperchaotic System With Coexisting Attractors. IEEE Access, 2019, 7, 52896-52902.	2.6	15
99	Two-Stage Control of Endpoint Temperature for Pebble Stove Combustion. IEEE Access, 2019, 7, 625-640.	2.6	4
100	Adaptive signal enhancement for overlapped peaks based on weighting factor selection. Spectroscopy Letters, 2019, 52, 49-59.	0.5	1
101	The Bang-Bang Property of Time-Varying Optimal Time Control for Null Controllable Heat Equation. Journal of Optimization Theory and Applications, 2019, 182, 588-605.	0.8	0
102	Swarm intelligence inspired cooperation promotion and symmetry breaking in interdependent networked game. Chaos, 2019, 29, 043101.	1.0	18
103	High-Performance Electrochemical Sensor Based on $Mn_{1-x}Zn_xFe_2O_4$ Nanoparticle/Nafion-Modified Glassy Carbon Electrode for Pb^{2+} Detection. Journal of the Electrochemical Society, 2019, 166, B341-B348.	1.3	12
104	Surface Defect Classification for Hot-Rolled Steel Strips by Selectively Dominant Local Binary Patterns. IEEE Access, 2019, 7, 23488-23499.	2.6	47
105	Estimate Information Fusion Weight of WSNs Nodes Based on Truth Discovery Optimization Method Among Conflicting Sources of Data. IEEE Access, 2019, 7, 35606-35618.	2.6	3
106	Comparison of Several Data-driven Models for Remaining Useful Life Prediction. , 2019, , .		3
107	Transistor Temperature Balancing Method for Three-level Inverters Based on FCS-MPC. , 2019, , .		2
108	A comparison of OCMPM and OCSVM in motor and sensor fault detection for traction control system. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
109	A Power Loss Decrease Method Based on Finite Set Model Predictive Control for a Motor Emulator with Reduced Switch Count. <i>Energies</i> , 2019, 12, 4647.	1.6	2
110	Blind Topology Identification for Smart Grid Based on Dictionary Learning. , 2019, , .		5
111	Data-Driven Based State Transition Algorithm for Dynamic Optimization. , 2019, , .		0
112	Containment Control for Discrete-Time Multiagent Systems With Communication Delays and Switching Topologies. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 3827-3830.	6.2	42
113	Simultaneous determination of trace amounts of copper and cobalt in high concentration zinc solution using UV-vis spectrometry and Adaboost. <i>Optik</i> , 2019, 181, 703-713.	1.4	9
114	Multimode process monitoring based on robust dictionary learning with application to aluminium electrolysis process. <i>Neurocomputing</i> , 2019, 332, 305-319.	3.5	53
115	A Novel Method for Compensating Temperature Measurement Error Caused by Dust Using Infrared Thermal Imager. <i>IEEE Sensors Journal</i> , 2019, 19, 1730-1739.	2.4	11
116	A novel robust data reconciliation method for industrial processes. <i>Control Engineering Practice</i> , 2019, 83, 203-212.	3.2	29
117	Distributed Containment Control of Continuous-Time Multiagent Systems With Nonconvex Control Input Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 7927-7934.	5.2	42
118	A Distributed Canonical Correlation Analysis-Based Fault Detection Method for Plant-Wide Process Monitoring. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 2710-2720.	7.2	110
119	A novel modularity-based discrete state transition algorithm for community detection in networks. <i>Neurocomputing</i> , 2019, 334, 89-99.	3.5	52
120	A data-driven ground fault detection and isolation method for main circuit in railway electrical traction system. <i>ISA Transactions</i> , 2019, 87, 264-271.	3.1	54
121	Quantitative analysis of stibnite content in raw ore by Raman spectroscopy and chemometric tools. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 454-464.	1.2	10
122	Temperature Measurement and Compensation Method of Blast Furnace Molten Iron Based on Infrared Computer Vision. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 3576-3588.	2.4	64
123	A Cumulative Canonical Correlation Analysis-Based Sensor Precision Degradation Detection Method. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 6321-6330.	5.2	63
124	A Hybrid Feature Selection Method Based on Binary State Transition Algorithm and ReliefF. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1888-1898.	3.9	72
125	Distributed Optimization With Nonconvex Velocity Constraints, Nonuniform Position Constraints, and Nonuniform Stepsizes. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 2575-2582.	3.6	81
126	Dynamic optimization based on state transition algorithm for copper removal process. <i>Neural Computing and Applications</i> , 2019, 31, 2827-2839.	3.2	26

#	ARTICLE	IF	CITATIONS
127	Cost-sensitive large margin distribution machine for fault detection of wind turbines. Cluster Computing, 2019, 22, 7525-7537.	3.5	15
128	A Novel Asynchronous Control for Artificial Delayed Markovian Jump Systems via Output Feedback Sliding Mode Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 364-374.	5.9	61
129	Baseline correction method based on doubly reweighted penalized least squares. Applied Optics, 2019, 58, 3913.	0.9	21
130	Anode effect prediction based on collaborative two-dimensional forecast model in aluminum electrolysis production. Journal of Industrial and Management Optimization, 2019, 15, 595-618.	0.8	6
131	Deep Learning-Based Feature Representation and Its Application for Soft Sensor Modeling With Variable-Wise Weighted SAE. IEEE Transactions on Industrial Informatics, 2018, 14, 3235-3243.	7.2	447
132	Modeling, optimization, and control of solution purification process in zinc hydrometallurgy. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 564-576.	8.5	26
133	Control Vector Parameterization-Based Adaptive Invasive Weed Optimization for Dynamic Processes. Chemical Engineering and Technology, 2018, 41, 964-974.	0.9	10
134	CeO ₂ -based mixed potential type acetone sensor using MMnO ₃ (M: Sr, Ca, La and Sm) sensing electrode. Solid State Ionics, 2018, 317, 53-59.	1.3	25
135	Fractional order fuzzy PID optimal control in copper removal process of zinc hydrometallurgy. Hydrometallurgy, 2018, 178, 60-76.	1.8	24
136	Exploiting Correlation for Confident Sensing in Fusion-Based Wireless Sensor Networks. IEEE Transactions on Industrial Electronics, 2018, 65, 4962-4972.	5.2	9
137	A Two-stage State Transition Algorithm for Constrained Engineering Optimization Problems. International Journal of Control, Automation and Systems, 2018, 16, 522-534.	1.6	30
138	Hardware-in-the-Loop Fault Injection for Traction Control System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 696-706.	3.7	58
139	Passivity-Based Asynchronous Sliding Mode Control for Delayed Singular Markovian Jump Systems. IEEE Transactions on Automatic Control, 2018, 63, 2715-2721.	3.6	186
140	Redefined observability matrix for Boolean networks and distinguishable partitions of state space. Automatica, 2018, 91, 316-319.	3.0	19
141	A novel non-uniform control vector parameterization approach with time grid refinement for flight level tracking optimal control problems. ISA Transactions, 2018, 73, 66-78.	3.1	21
142	Production optimization for concentration and volume-limited fed-batch reactors in biochemical processes. Bioprocess and Biosystems Engineering, 2018, 41, 407-422.	1.7	2
143	CeO ₂ -based mixed potential type acetone sensor using La _{1-x} Sr _x CoO ₃ sensing electrode. Sensors and Actuators B: Chemical, 2018, 269, 118-126.	4.0	40
144	A Hybrid Control Strategy for Real-Time Control of the Iron Removal Process of the Zinc Hydrometallurgy Plants. IEEE Transactions on Industrial Informatics, 2018, 14, 5278-5288.	7.2	27

#	ARTICLE	IF	CITATIONS
145	Fractional-order PID controller tuning using continuous state transition algorithm. <i>Neural Computing and Applications</i> , 2018, 29, 795-804.	3.2	49
146	Data reconciliation strategy with time registration for the evaporation process in alumina production. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 189-204.	0.9	12
147	Mixed potential type sensor based on stabilized zirconia and $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ sensing electrode for detection of acetone. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1173-1181.	4.0	41
148	Event-Based Fault Detection Filtering for Complex Networked Jump Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 497-505.	3.7	99
149	Sub-ppb SO_2 gas sensor based on NASICON and $\text{La}_x\text{Sm}_{1-x}\text{FeO}_3$ sensing electrode. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 648-655.	4.0	44
150	Controllable-Domain-Based Fuzzy Rule Extraction for Copper Removal Process Control. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 1744-1756.	6.5	20
151	A dynamic state transition algorithm with application to sensor network localization. <i>Neurocomputing</i> , 2018, 273, 237-250.	3.5	46
152	YSZ-based mixed potential H_2S sensor using La_2NiO_4 sensing electrode. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3033-3039.	4.0	32
153	Distributed parameter modeling and optimal control of the oxidation rate in the iron removal process. <i>Journal of Process Control</i> , 2018, 61, 47-57.	1.7	12
154	Distributed Consensus of Second-Order Multiagent Systems With Nonconvex Velocity and Control Input Constraints. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 1171-1176.	3.6	101
155	Heterogeneous cooperative belief for social dilemma in multi-agent system. <i>Applied Mathematics and Computation</i> , 2018, 320, 572-579.	1.4	48
156	Fault Detection for Non-Gaussian Processes Using Generalized Canonical Correlation Analysis and Randomized Algorithms. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 1559-1567.	5.2	246
157	Weighted Linear Dynamic System for Feature Representation and Soft Sensor Application in Nonlinear Dynamic Industrial Processes. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 1508-1517.	5.2	144
158	A Tracking Method of Load Current Based on Finite Set Model Predictive Control for Motor Simulator. , 2018, , .		3
159	Monitoring of Incipient Broken Rotor Bar Fault in Traction Motor Based on Dynamic Time Warping. , 2018, , .		2
160	A single-phase two-level rectifier modeling method based on improved Hefner model. , 2018, , .		1
161	A Stacked Autoencoder for Operation Mode Classification of Complicated Industrial Process. , 2018, , .		0
162	Nonlinear VW-SAE Based Deep Learning for Quality-Related Feature Learning and Soft Sensor Modeling. , 2018, , .		9

#	ARTICLE	IF	CITATIONS
163	An adaptive time series representation method for anode current signals in aluminium electrolysis. IFAC-PapersOnLine, 2018, 51, 213-218.	0.5	1
164	A method for improving the accuracy of infrared thermometry under the influence of dust. IFAC-PapersOnLine, 2018, 51, 246-250.	0.5	2
165	Fractional Steepest Ascent Method for TCU Fault Detection. IFAC-PapersOnLine, 2018, 51, 1336-1342.	0.5	2
166	A Data-Driven Fault Diagnosis Method for Static Processes with Periodic Disturbances. , 2018, , .		0
167	Temperature Measurement Method for Blast Furnace Molten Iron Based on Infrared Thermography and Temperature Reduction Model. Sensors, 2018, 18, 3792.	2.1	18
168	An Adaptive Data-Driven Fault Detection Method for Monitoring Dynamic Process. , 2018, , .		1
169	Generalized CCA with Applications for Fault Detection and Estimation. , 2018, , .		4
170	Effects of external forcing on evolutionary games in complex networks. Chaos, 2018, 28, 093108.	1.0	32
171	A novel variable selection method based on stability and variable permutation for multivariate calibration. Chemometrics and Intelligent Laboratory Systems, 2018, 182, 188-201.	1.8	14
172	Current Characteristics Analysis and Fault Injection of an Early Weak Fault in Broken Rotor Bar of Traction Motor. Mathematical Problems in Engineering, 2018, 2018, 1-8.	0.6	6
173	A New Data Reconciliation Strategy Based on Mutual Information for Industrial Processes. Industrial & Engineering Chemistry Research, 2018, 57, 12861-12870.	1.8	12
174	CCR Based Key Performance Indicator Monitoring Method for Industrial Processes. , 2018, , .		1
175	Exponential Stability Analysis for Delayed Semi-Markovian Recurrent Neural Networks: A Homogeneous Polynomial Approach. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6374-6384.	7.2	73
176	Layered online data reconciliation strategy with multiple modes for industrial processes. Control Engineering Practice, 2018, 77, 63-72.	3.2	15
177	Multi-similarity measurement driven ensemble just-in-time learning for soft sensing of industrial processes. Journal of Chemometrics, 2018, 32, e3040.	0.7	55
178	Stability and Set Stability in Distribution of Probabilistic Boolean Networks. IEEE Transactions on Automatic Control, 2018, , 1-1.	3.6	39
179	Coordinated Optimization for the Descent Gradient of Technical Index in the Iron Removal Process. IEEE Transactions on Cybernetics, 2018, 48, 3313-3322.	6.2	9
180	Prediction model of slurry pH based on mechanism and error compensation for mineral flotation process. Chinese Journal of Chemical Engineering, 2018, 26, 1766-1772.	1.7	4

#	ARTICLE	IF	CITATIONS
181	A data-driven optimal control approach for solution purification process. <i>Journal of Process Control</i> , 2018, 68, 171-185.	1.7	24
182	Finite-time stabilization of the double integrator subject to input saturation and input delay. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018, 5, 1017-1024.	8.5	9
183	Weighted-coupling CSTR modeling and model predictive control with parameter adaptive correction for the goethite process. <i>Journal of Process Control</i> , 2018, 68, 254-267.	1.7	17
184	A data-driven adaptive multivariate steady state detection strategy for the evaporation process of the sodium aluminate solution. <i>Journal of Process Control</i> , 2018, 68, 145-159.	1.7	7
185	Baseline correction for Raman spectra using penalized spline smoothing based on vector transformation. <i>Analytical Methods</i> , 2018, 10, 3525-3533.	1.3	30
186	Data-driven flotation reagent changing evaluation via union distribution analysis of bubble size and shape. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 2616-2626.	0.9	13
187	A Novel Cognitively Inspired State Transition Algorithm for Solving the Linear Bi-Level Programming Problem. <i>Cognitive Computation</i> , 2018, 10, 816-826.	3.6	22
188	Promote of cooperation in networked multiagent system based on fitness control. <i>Applied Mathematics and Computation</i> , 2018, 339, 805-811.	1.4	7
189	Process working condition recognition based on the fusion of morphological and pixel set features of froth for froth flotation. <i>Minerals Engineering</i> , 2018, 128, 17-26.	1.8	33
190	Set-Point Tracking and Multi-Objective Optimization-Based PID Control for the Goethite Process. <i>IEEE Access</i> , 2018, 6, 36683-36698.	2.6	45
191	Understanding cooperative behavior of agents with heterogeneous perceptions in dynamic networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 234-240.	1.2	29
192	A new multi-threshold image segmentation approach using state transition algorithm. <i>Applied Mathematical Modelling</i> , 2017, 44, 588-601.	2.2	59
193	Soft Sensor Modeling of Nonlinear Industrial Processes Based on Weighted Probabilistic Projection Regression. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017, 66, 837-845.	2.4	87
194	A Fault-Injection Strategy for Traction Drive Control Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 5719-5727.	5.2	91
195	An effective fault diagnosis approach based on optimal weighted least squares support vector machine. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 2357-2366.	0.9	16
196	Probabilistic density-based regression model for soft sensing of nonlinear industrial processes. <i>Journal of Process Control</i> , 2017, 57, 15-25.	1.7	34
197	Sensitivity-based adaptive mesh refinement collocation method for dynamic optimization of chemical and biochemical processes. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1375-1389.	1.7	9
198	Highly sensitive gas sensor based on stabilized zirconia and CdMoO ₄ sensing electrode for detection of acetone. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 9-18.	4.0	36

#	ARTICLE	IF	CITATIONS
199	Time-optimal state feedback stabilization of switched Boolean control networks. <i>Neurocomputing</i> , 2017, 237, 265-271.	3.5	24
200	Optimal control of an SIVRS epidemic spreading model with virus variation based on complex networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 48, 200-210.	1.7	54
201	Reagent Addition Control for Stibium Rougher Flotation Based on Sensitive Froth Image Features. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 4199-4206.	5.2	45
202	Comparison of Two Basic Statistics for Fault Detection and Process Monitoring. <i>IFAC-PapersOnLine</i> , 2017, 50, 14776-14781.	0.5	14
203	A novel fault diagnosis method based on optimal relevance vector machine. <i>Neurocomputing</i> , 2017, 267, 651-663.	3.5	31
204	Recognition of flooding and sinking conditions in flotation process using soft measurement of froth surface level and QTA. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 169, 45-52.	1.8	15
205	Dynamic multi-objective optimization arising in iron precipitation of zinc hydrometallurgy. <i>Hydrometallurgy</i> , 2017, 173, 134-148.	1.8	42
206	A novel Bayesian inference soft sensor for real-time statistic learning modeling for industrial polypropylene melt index prediction. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45384.	1.3	10
207	Multi-zone multi-phase temperature field modelling of aluminum alloy workpieces in large-scale vertical quench furnaces. <i>Applied Thermal Engineering</i> , 2017, 113, 1569-1584.	3.0	10
208	Spreading dynamics and synchronization behavior of periodic diseases on complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 466, 544-551.	1.2	11
209	Optimal Control for Zinc Electrowinning Process With Current Switching. <i>IEEE Access</i> , 2017, 5, 24688-24697.	2.6	9
210	Semantic Network Based on Intuitionistic Fuzzy Directed Hyper-Graphs and Application to Aluminum Electrolysis Cell Condition Identification. <i>IEEE Access</i> , 2017, 5, 20145-20156.	2.6	20
211	Guaranteed Cost Control for Descriptor Type-2 Fuzzy Systems With Stochastic Delay Distribution. <i>IEEE Access</i> , 2017, 5, 23637-23646.	2.6	10
212	A multi-objective state transition algorithm for continuous optimization. , 2017, , .		2
213	Event-triggered output consensus of heterogeneous linear multi-agent systems with immeasurable disturbances. , 2017, , .		1
214	Dynamic optimization using control vector parameterization with state transition algorithm. , 2017, , .		1
215	Output-related feature representation for soft sensing based on supervised locality preserving projections. , 2017, , .		2
216	System architecture design of PCIe root complex based on SOPC. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
217	Consensus of linear multi-agent systems by distributed dynamic event-triggered control. , 2017, , .		12
218	Parameter Optimization of a Short Open Optical Path's Oxygen Concentration Detection System Based on WMS. Chinese Journal of Electronics, 2017, 26, 797-802.	0.7	1
219	Robust real-time optimization for blending operation of alumina production. Journal of Industrial and Management Optimization, 2017, 13, 1149-1167.	0.8	3
220	Soft measurement method for froth layer thickness based on multi visual features. , 2016, , .		1
221	A group evaluation method for complex simulation system credibility based on 2-order additive fuzzy measure. , 2016, , .		0
222	Entropy-based estimation of bubble size distributions in froth flotation using B-spline functions**This work was supported by the National Natural Science Foundation of China (Grant No. 61490702 and No. 61321003).. IFAC-PapersOnLine, 2016, 49, 96-101.	0.5	4
223	Control strategy for hydrometallurgical removal process based on modelling and evaluation. IFAC-PapersOnLine, 2016, 49, 161-166.	0.5	6
224	Online estimation of impurity ion concentration in solution purification process. IFAC-PapersOnLine, 2016, 49, 178-183.	0.5	6
225	A comparative study of STA on large scale global optimization. , 2016, , .		2
226	A new prediction model based on the leaching rate kinetics in the alumina digestion process. Hydrometallurgy, 2016, 164, 7-14.	1.8	11
227	Multi-model soft measurement method of the froth layer thickness based on visual features. Chemometrics and Intelligent Laboratory Systems, 2016, 154, 112-121.	1.8	16
228	Optimization of both operating costs and energy efficiency in the alumina evaporation process by a multi-objective state transition algorithm. Canadian Journal of Chemical Engineering, 2016, 94, 53-65.	0.9	11
229	Reagent dosages control based on bubble size characteristics for flotation process. IET Control Theory and Applications, 2016, 10, 1404-1411.	1.2	8
230	SIVR spreading model with anti-virus factor in complex networks. , 2016, , .		0
231	A matlab toolbox for continuous state transition algorithm. , 2016, , .		2
232	A Novel Device for Optical Imaging of Blast Furnace Burden Surface: Parallel Low-Light-Loss Backlight High-Temperature Industrial Endoscope. IEEE Sensors Journal, 2016, 16, 6703-6717.	2.4	33
233	Global solutions to a class of CEC benchmark constrained optimization problems. Optimization Letters, 2016, 10, 457-472.	0.9	3
234	Temperature Uniformity Control of Large-Scale Vertical Quench Furnaces for Aluminum Alloy Thermal Treatment. IEEE Transactions on Control Systems Technology, 2016, 24, 24-39.	3.2	28

#	ARTICLE	IF	CITATIONS
235	Combined fuzzy based feedforward and bubble size distribution based feedback control for reagent dosage in copper roughing process. <i>Journal of Process Control</i> , 2016, 39, 50-63.	1.7	19
236	Discrete state transition algorithm for unconstrained integer optimization problems. <i>Neurocomputing</i> , 2016, 173, 864-874.	3.5	64
237	State-transition-algorithm-based resolution for overlapping linear sweep voltammetric peaks with high signal ratio. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 151, 61-70.	1.8	21
238	Additive requirement ratio prediction using trend distribution features for hydrometallurgical purification processes. <i>Control Engineering Practice</i> , 2016, 46, 10-25.	3.2	21
239	Evaluation strategy for the control of the copper removal process based on oxidation–reduction potential. <i>Chemical Engineering Journal</i> , 2016, 284, 294-304.	6.6	29
240	A discussion of the control of nonferrous metallurgical processes—This paper is financially support by Science Fund for Creative Research Groups of the National Natural Science Foundation of China,	0.5	6
241	The steady state detection based on outliers identification for sodium aluminate solution evaporation process. , 2015, , .		2
242	Event based guaranteed cost consensus for distributed multi-agent systems. <i>Journal of the Franklin Institute</i> , 2015, 352, 3546-3563.	1.9	67
243	Hybrid modeling of an industrial grinding-classification process. <i>Powder Technology</i> , 2015, 279, 75-85.	2.1	17
244	Complex networks-based texture extraction and classification method for mineral flotation froth images. <i>Minerals Engineering</i> , 2015, 83, 105-116.	1.8	38
245	A gradient optimization scheme for solution purification process. <i>Control Engineering Practice</i> , 2015, 44, 89-103.	3.2	19
246	Set stability and set stabilization of Boolean control networks based on invariant subsets. <i>Automatica</i> , 2015, 61, 106-112.	3.0	214
247	A BMI approach to guaranteed cost control of discrete-time uncertain system with both state and input delays. <i>Optimal Control Applications and Methods</i> , 2015, 36, 844-852.	1.3	11
248	An integrated predictive model with an on-line updating strategy for iron precipitation in zinc hydrometallurgy. <i>Hydrometallurgy</i> , 2015, 151, 62-72.	1.8	49
249	A Discrete State Transition Algorithm for Generalized Traveling Salesman Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 137-145.	0.1	5
250	Model Modification in Scheduling of Batch Chemical Processes. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 89-97.	0.1	0
251	Cost-Sensitive Support Vector Machine Using Randomized Dual Coordinate Descent Method for Big Class-Imbalanced Data Classification. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9.	0.3	6
252	State transition algorithm for constrained optimization problems. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
253	Probability Density Function of Bubble Size Based Reagent Dosage Control for Flotation Process. Asian Journal of Control, 2014, 16, 765-777.	1.9	6
254	Probability density function of bubble size based reagent dosage predictive control for copper roughing flotation. Control Engineering Practice, 2014, 29, 1-12.	3.2	36
255	Canonical primal-dual algorithm for solving fourth-order polynomial minimization problems. Applied Mathematics and Computation, 2014, 227, 246-255.	1.4	9
256	Nonlinear system identification and control using state transition algorithm. Applied Mathematics and Computation, 2014, 226, 169-179.	1.4	74
257	Assessing impact of subjective demand beliefs on a dynamic duopoly electricity market game. International Journal of Electrical Power and Energy Systems, 2014, 60, 182-189.	3.3	4
258	Dynamic simulation and test research of impact performance of hydraulic rock drill with no constant-pressurized chamber. Automation in Construction, 2014, 37, 211-216.	4.8	21
259	Intelligent predictive control of cleaning flotation process based on froth texture features. , 2014, , .		0
260	A class of optimal state-delay control problems. Nonlinear Analysis: Real World Applications, 2013, 14, 1536-1550.	0.9	32
261	Integrated prediction model of bauxite concentrate grade based on distributed machine vision. Minerals Engineering, 2013, 53, 31-38.	1.8	49
262	Nonparametric density estimation of froth colour texture distribution for monitoring sulphur flotation process. Minerals Engineering, 2013, 53, 203-212.	1.8	32
263	Kinetic Modeling and Parameter Estimation for Competing Reactions in Copper Removal Process from Zinc Sulfate Solution. Industrial & Engineering Chemistry Research, 2013, 52, 17074-17086.	1.8	39
264	Design and implementation of a froth size analysis system for mineral flotation based on DSP. , 2013, , .		0
265	Color co-occurrence matrix based froth image texture extraction for mineral flotation. Minerals Engineering, 2013, 46-47, 60-67.	1.8	65
266	Recognition of the operational statuses of reagent addition using dynamic bubble size distribution in copper flotation process. Minerals Engineering, 2013, 45, 128-141.	1.8	36
267	Time-delay estimation for nonlinear systems with piecewise-constant input. Applied Mathematics and Computation, 2013, 219, 9543-9560.	1.4	21
268	Core set analysis in inconsistent decision tables. Information Sciences, 2013, 241, 138-147.	4.0	8
269	Further result on decentralized stabilization via saturated delayed feedback. , 2013, , .		0
270	A Hybrid Multiobjective Differential Evolution Algorithm and Its Application to the Optimization of Grinding and Classification. Journal of Applied Mathematics, 2013, 2013, 1-15.	0.4	5

#	ARTICLE	IF	CITATIONS
271	Hybrid Synchronization of General T-S Fuzzy Complex Dynamical Networks with Time-Varying Delay. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-8.	0.6	2
272	Performance Recognition for Sulphur Flotation Process Based on Froth Texture Unit Distribution. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-9.	0.6	2
273	A Comparative Study of State Transition Algorithm with Harmony Search and Artificial Bee Colony. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 651-659.	0.5	16
274	A unified parameter identification method for nonlinear time-delay systems. <i>Journal of Industrial and Management Optimization</i> , 2013, 9, 471-486.	0.8	43
275	Segmentation Algorithms for Non-uniform Froth Image Based on Adaptive Morphology. <i>Information Technology Journal</i> , 2013, 12, 1350-1357.	0.3	2
276	An Improved Model for Headway-Based Bus Service Unreliability Prevention with Vehicle Load Capacity Constraint at Bus Stops. <i>Discrete Dynamics in Nature and Society</i> , 2012, 2012, 1-13.	0.5	8
277	A Max-Min Control Problem Arising in Gradient Elution Chromatography. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 6137-6144.	1.8	9
278	Breakage Distribution Estimation of Bauxite Based on Piecewise Linearized Breakage Rate. <i>Chinese Journal of Chemical Engineering</i> , 2012, 20, 1198-1205.	1.7	5
279	Vortex motion-based particle swarm optimisation for energy consumption of alumina evaporation. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 1418-1425.	0.9	3
280	Decentralized stabilization of large-scale feedforward systems using saturated delayed controls. <i>Automatica</i> , 2012, 48, 89-94.	3.0	35
281	Stability analysis and design of reset control systems with discrete-time triggering conditions. <i>Automatica</i> , 2012, 48, 528-535.	3.0	46
282	Flotation process fault detection using output PDF of bubble size distribution. <i>Minerals Engineering</i> , 2012, 26, 5-12.	1.8	58
283	State transition algorithm. <i>Journal of Industrial and Management Optimization</i> , 2012, 8, 1039-1056.	0.8	137
284	Initial Version of State Transition Algorithm. , 2011, , .		27
285	Quadratic Stability of Uncertain Reset Control Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011, 44, 6297-6300.	0.4	1
286	Novel Stabilization Designs for the Ball-and-Beam System. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011, 44, 8468-8472.	0.4	4
287	On Reset Control Systems with Discrete-time Triggering Conditions. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011, 44, 6291-6296.	0.4	2
288	On the design of compensator for quantization-caused input-output deviation. <i>Science China Information Sciences</i> , 2011, 54, 824-835.	2.7	2

#	ARTICLE	IF	CITATIONS
289	Wet grindability of an industrial ore and its breakage parameters estimation using population balances. International Journal of Mineral Processing, 2011, 98, 113-117.	2.6	22
290	New stabilization design for planar vertical take-off and landing aircrafts. Journal of Control Theory and Applications, 2011, 9, 195-202.	0.8	3
291	CSTR-based modelling for the continuous carbonation of sodium aluminate solution. Canadian Journal of Chemical Engineering, 2011, 89, 617-624.	0.9	4
292	Adaptive Image Processing for Bubbles in Flotation Process. Measurement and Control, 2011, 44, 121-126.	0.9	2
293	A new transformation into state transition algorithm for finding the global minimum. , 2011, , .		16
294	Online Prediction Model Based on Adaptive Recursive Least Squares Support Vector Machine for Silicon-Manganese Alloy Composition. , 2010, , .		0
295	Predictive control and scheduling codesign in network control systems. Journal of Control Theory and Applications, 2010, 8, 239-244.	0.8	0
296	Data-based process fault detection using Active Cost-sensitive Learning. , 2010, , .		0
297	Pinning control of the nearest-neighbor coupled networks based on topology structure. , 2010, , .		0
298	Generic phase space reconstruction method of multivariate time series. , 2009, , .		2
299	A CLASS OF MIX DESIGN PROBLEMS: FORMULATION, SOLUTION METHODS AND APPLICATIONS. ANZIAM Journal, 2009, 50, 455-474.	0.3	5
300	An Accurate Image Juggling Authentication Algorithm. , 2009, , .		1
301	Application of highlight removal and multivariate image analysis to color measurement of flotation bubble images. International Journal of Imaging Systems and Technology, 2009, 19, 316-322.	2.7	17
302	A two-stage intelligent optimization system for the raw slurry preparing process of alumina sintering production. Engineering Applications of Artificial Intelligence, 2009, 22, 786-795.	4.3	13
303	Modeling and optimal-setting control of blending process in a metallurgical industry. Computers and Chemical Engineering, 2009, 33, 1289-1297.	2.0	30
304	Nonparametric density estimation of bubble size distribution for monitoring mineral flotation process. , 2009, , .		6
305	An Encryption Algorithm Based on Transformed Logistic Map. , 2009, , .		14
306	A genetic algorithm-based optimal scheduling system for full-filled tanks in the processing of starting materials for alumina production. Canadian Journal of Chemical Engineering, 2008, 86, 804-812.	0.9	10

#	ARTICLE	IF	CITATIONS
307	Stabilisation designs for the inertia wheel pendulum using saturation techniques. International Journal of Systems Science, 2008, 39, 1203-1214.	3.7	11
308	A Large Capacity Blind Information Hiding Algorithm. , 2008, , .		9
309	High Capacity Information Hiding Algorithm for DCT Domain of Image. , 2008, , .		5
310	Permeability prediction model for imperial smelting furnace based on improved case-based reasoning. , 2008, , .		2
311	Delay-dependent stabilization of singular linear time delay systems based on memory state feedback control. , 2008, , .		4
312	An approach based on coverage for determining case feature weights and its application. , 2008, , .		0
313	Distributed SVMs based soft sensor and its application for high pressure dissolving. , 2008, , .		1
314	Intelligent operation parameters optimization of coke calcination rotary kiln. , 2008, , .		0
315	New approach to global minimization of normal multivariate polynomial based on tensor. Journal of Industrial and Management Optimization, 2008, 4, 271-285.	0.8	2
316	An Intelligent Control System for Coke Calcination in Rotary Kiln. , 2007, , .		3
317	Fault Diagnosis of Lead-Zinc Smelting Furnace based on Multi-Class Support Vector Machines. , 2007, , .		0
318	A Vibration Fault Diagnosis System of HGS Based on FNN. , 2007, , 252-257.		1
319	Decentralized robust H _∞ output feedback control for value bounded uncertain large-scale interconnected systems. , 2007, , .		0
320	Intelligent Fault Diagnosis in Lead-Zinc Smelting Process. , 2007, , 234-239.		0
321	The Model of the Water Content of the Dregs in Rotary Dryer Kiln Based on SVM. , 2006, , .		0
322	INTELLIGENT FAULT DIAGNOSIS IN LEAD-ZINC SMELTING PROCESS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 234-239.	0.4	0
323	A VIBRATION FAULT DIAGNOSIS SYSTEM OF HGS BASED ON FNN. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 252-257.	0.4	3
324	Development and Application of Intelligence Control Optimization Method for Alumina Batching Process. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
325	Decentralized Robust H _∞ Output Feedback Control for Value Bounded Uncertain Large-scale Interconnected Systems. , 2006, , .		1
326	A Soft-Sensing Model for Water Content Based on PCA and MNN. , 2006, , .		0
327	An Intelligent Control System for Continual Carbonation Decomposition Process of Sodium Aluminate Solutions Based on Expert and Prediction Strategy. , 2006, , .		0
328	Expert Control System for the Process of Continual Carbonation Decomposition and Its Application. , 2006, , .		0
329	Parameter selection of support vector regression based on hybrid optimization algorithm and its application. Journal of Control Theory and Applications, 2005, 3, 371-376.	0.8	22
330	An optimal power-dispatching control system for the electrochemical process of zinc based on backpropagation and hopfield neural networks. IEEE Transactions on Industrial Electronics, 2003, 50, 953-961.	5.2	18
331	A PREDICTION MODEL OF SULFUR * BASED ON INTELLIGENT INTEGRATED STRATEGY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 31-36.	0.4	2
332	An optimal power-dispatching system using neural networks for the electrochemical process of zinc depending on varying prices of electricity. IEEE Transactions on Neural Networks, 2002, 13, 229-236.	4.8	20
333	Hybrid intelligent control of gas collectors of coke ovens. Control Engineering Practice, 2001, 9, 725-733.	3.2	29