

Han-Xiong Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2733584/publications.pdf>

Version: 2024-02-01

332
papers

11,826
citations

25034

57
h-index

40979

93
g-index

335
all docs

335
docs citations

335
times ranked

6046
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Adaptive Fault-Tolerant Control for a Riser-Vessel System With Input Hysteresis and Time-Varying Output Constraints. IEEE Transactions on Cybernetics, 2023, 53, 3939-3950.	9.5	26
2	Optimal-Sensing-Based Recursive Estimation for Temperature Distribution of Pouch-Type Batteries. IEEE Transactions on Transportation Electrification, 2023, 9, 912-919.	7.8	1
3	Adaptive Robust Control for a Spatial Flexible Timoshenko Manipulator Subject to Input Dead-Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1395-1404.	9.3	14
4	Fast Modeling of Battery Thermal Dynamics Based on Spatio-Temporal Adaptation. IEEE Transactions on Industrial Informatics, 2022, 18, 337-344.	11.3	15
5	Modified High-Order SVD for Spatiotemporal Modeling of Distributed Parameter Systems. IEEE Transactions on Industrial Electronics, 2022, 69, 4296-4304.	7.9	9
6	Adaptive Fuzzy Event-Triggered Control of Aerial Refueling Hose System With Actuator Failures. IEEE Transactions on Fuzzy Systems, 2022, 30, 2981-2992.	9.8	19
7	Setup-Independent Sensing Architecture With Multiple UHF RFID Sensor Tags. IEEE Internet of Things Journal, 2022, 9, 1243-1251.	8.7	5
8	Spatial Decomposition-Based Fault Detection Framework for Parabolic-Distributed Parameter Processes. IEEE Transactions on Cybernetics, 2022, 52, 7319-7327.	9.5	9
9	High-Bandwidth Tracking Control of Piezoactuated Nanopositioning Stages via Active Modal Control. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2998-3006.	5.2	6
10	Backstepping-based distributed abnormality localization for linear parabolic distributed parameter systems. Automatica, 2022, 135, 109930.	5.0	26
11	Space-Decomposition-Based Spectral Modeling for Distributed Battery Thermal Dynamics. IEEE Transactions on Transportation Electrification, 2022, 8, 1634-1641.	7.8	8
12	Spatial-Construction-Based Abnormality Detection and Localization for Distributed Parameter Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 4707-4714.	11.3	8
13	Adaptive Fuzzy Control for an Uncertain Axially Moving Slung-Load Cable System of a Hovering Helicopter With Actuator Fault. IEEE Transactions on Fuzzy Systems, 2022, 30, 4915-4925.	9.8	18
14	Two-Dimensional Spatial Construction for Online Modeling of Distributed Parameter Systems. IEEE Transactions on Industrial Electronics, 2022, 69, 10227-10235.	7.9	7
15	Quantized Sampled-Data Synchronization of Delayed Reactionâ€“Diffusion Neural Networks Under Spatially Point Measurements. IEEE Transactions on Cybernetics, 2021, 51, 5740-5751.	9.5	26
16	Abnormal Source Identification for Parabolic Distributed Parameter Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5698-5707.	9.3	10
17	Vibration Control for Spatial Aerial Refueling Hoses With Bounded Actuators. IEEE Transactions on Industrial Electronics, 2021, 68, 4209-4217.	7.9	67
18	Tracking Control of Nanopositioning Stages Using Parallel Resonant Controllers for High-Speed Nonraster Sequential Scanning. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1218-1228.	5.2	9

#	ARTICLE	IF	CITATIONS
19	Decomposition-Based Multiobjective Optimization for Constrained Evolutionary Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 574-587.	9.3	69
20	Basis Function Matrix-Based Flexible Coefficient Autoregressive Models: A Framework for Time Series and Nonlinear System Modeling. IEEE Transactions on Cybernetics, 2021, 51, 614-623.	9.5	28
21	Fuzzy Control Under Spatially Local Averaged Measurements for Nonlinear Distributed Parameter Systems With Time-Varying Delay. IEEE Transactions on Cybernetics, 2021, 51, 1359-1369.	9.5	20
22	Dissimilarity Analysis-Based Multimode Modeling for Complex Distributed Parameter Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2789-2797.	9.3	10
23	Setup-Independent UHF RFID Sensing Technique Using Multidimensional Differential Measurement. IEEE Internet of Things Journal, 2021, 8, 10509-10517.	8.7	10
24	Spatio-temporal fault localization for nonlinear spatially distributed processes: A spatial mapping filter-based framework. International Journal of Robust and Nonlinear Control, 2021, 31, 6953-6971.	3.7	2
25	Time/Space-Separation-Based Gaussian Process Modeling for the Cross-Coupling Effect of a 2-DOF Nanopositioning Stage. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2186-2194.	5.8	12
26	Boundary adaptive fault-tolerant control for a flexible Timoshenko arm with backlash-like hysteresis. Automatica, 2021, 130, 109690.	5.0	93
27	An adaptive fuzzy penalty method for constrained evolutionary optimization. Information Sciences, 2021, 571, 358-374.	6.9	21
28	A Surrogate-Assisted Teaching-Learning-Based Optimization for Parameter Identification of the Battery Model. IEEE Transactions on Industrial Informatics, 2021, 17, 5909-5918.	11.3	21
29	Dual Separation-Based Spatiotemporal Modeling Methodology for Battery Thermal Process Under Nonhomogeneous Boundary Conditions. IEEE Transactions on Transportation Electrification, 2021, 7, 2260-2268.	7.8	18
30	Abnormal spatio-temporal source estimation for a linear unstable parabolic distributed parameter system: An adaptive PDE observer perspective. Journal of the Franklin Institute, 2021, 358, 1656-1672.	3.4	6
31	Spatial Construction for Modeling of Unknown Distributed Parameter Systems. Industrial & Engineering Chemistry Research, 2021, 60, 15184-15193.	3.7	7
32	Sampled-Data Observer Design With Exponential Time-Varying Gains for Semilinear Parabolic PDE Systems. , 2021, , .		0
33	Interpoint Similarity-Based Uncertainty Measure for Robust Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5386-5394.	9.3	3
34	Dynamic Spatial-Independent-Component-Analysis-Based Abnormality Localization for Distributed Parameter Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 2929-2936.	11.3	27
35	Reinforcement Learning-Based Optimal Sensor Placement for Spatiotemporal Modeling. IEEE Transactions on Cybernetics, 2020, 50, 2861-2871.	9.5	30
36	Estimator-Based H_{∞} Sampled-Data Fuzzy Control for Nonlinear Parabolic PDE Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2491-2500.	9.3	30

#	ARTICLE	IF	CITATIONS
37	Transfer learning based 3D fuzzy multivariable control for an RTP system. Applied Intelligence, 2020, 50, 812-829.	5.3	4
38	Boundary Antidisturbance Control of a Spatially Nonlinear Flexible String System. IEEE Transactions on Industrial Electronics, 2020, 67, 4846-4856.	7.9	122
39	Individual-dependent feasibility rule for constrained differential evolution. Information Sciences, 2020, 506, 174-195.	6.9	12
40	Spatial Correlation-Based Incremental Learning for Spatiotemporal Modeling of Battery Thermal Process. IEEE Transactions on Industrial Electronics, 2020, 67, 2885-2893.	7.9	29
41	Incremental Reinforcement Learning in Continuous Spaces via Policy Relaxation and Importance Weighting. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1870-1883.	11.3	22
42	A spatial multivariable SVR method for spatiotemporal fuzzy modeling with applications to rapid thermal processing. European Journal of Control, 2020, 54, 119-128.	2.6	1
43	Spatiotemporal Modeling for Distributed Parameter System under Sparse Sensing. Industrial & Engineering Chemistry Research, 2020, 59, 16321-16329.	3.7	11
44	Hysteresis modeling with frequency-separation-based Gaussian process and its application to sinusoidal scanning for fast imaging of atomic force microscope. Sensors and Actuators A: Physical, 2020, 311, 112070.	4.1	10
45	Dead Zone Compensation and Adaptive Vibration Control of Uncertain Spatial Flexible Riser Systems. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1398-1408.	5.8	112
46	Surrogate Model-Based Structure Optimization of Jetting System. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 494-501.	2.5	4
47	Dimension Embedded Basis Function for Spatiotemporal Modeling of Distributed Parameter System. IEEE Transactions on Industrial Informatics, 2020, 16, 5846-5854.	11.3	13
48	A Novel Three-Dimensional Fuzzy Modeling Method for Nonlinear Distributed Parameter Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 489-501.	9.8	18
49	A Sliding Window Based Dynamic Spatiotemporal Modeling for Distributed Parameter Systems With Time-Dependent Boundary Conditions. IEEE Transactions on Industrial Informatics, 2019, 15, 2044-2053.	11.3	31
50	Incremental Spatiotemporal Learning for Online Modeling of Distributed Parameter Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2612-2622.	9.3	29
51	Incremental Learning Based Subspace Modeling for Distributed Parameter Systems. , 2019, , .		0
52	Mixed Maximum Loss Design for Optic Disc and Optic Cup Segmentation with Deep Learning from Imbalanced Samples. Sensors, 2019, 19, 4401.	3.8	20
53	ImprovedH $\hat{\sigma}$ sampled $\hat{\epsilon}$ data control for semilinear parabolic PDE systems. International Journal of Robust and Nonlinear Control, 2019, 29, 1872-1892.	3.7	11
54	Rate-dependent hysteresis modeling and compensation of piezoelectric actuators using Gaussian process. Sensors and Actuators A: Physical, 2019, 295, 357-365.	4.1	43

#	ARTICLE	IF	CITATIONS
55	Incremental Reinforcement Learning With Prioritized Sweeping for Dynamic Environments. IEEE/ASME Transactions on Mechatronics, 2019, 24, 621-632.	5.8	43
56	Evolutionary Design of Spatio-temporal Learning Model for Thermal Distribution in Lithium-Ion Batteries. IEEE Transactions on Industrial Informatics, 2019, 15, 2838-2848.	11.3	28
57	Sampled-data fuzzy control for a class of nonlinear parabolic distributed parameter systems under spatially point measurements. Fuzzy Sets and Systems, 2019, 374, 60-81.	2.7	22
58	Tensor Decomposition based Spatiotemporal Modeling for Distributed Thermal Processes. , 2019, , .		1
59	Detection and Spatial Identification of Fault for Parabolic Distributed Parameter Systems. IEEE Transactions on Industrial Electronics, 2019, 66, 7300-7309.	7.9	26
60	Static Collocated Piecewise Fuzzy Control Design of Quasi-Linear Parabolic PDE Systems Subject to Periodic Boundary Conditions. IEEE Transactions on Fuzzy Systems, 2019, 27, 1479-1492.	9.8	22
61	Kernel-Based Random Vector Functional-Link Network for Fast Learning of Spatiotemporal Dynamic Processes. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1016-1026.	9.3	33
62	Composite Differential Evolution for Constrained Evolutionary Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1482-1495.	9.3	111
63	Integrated Sensing-/Model-Based Online Estimation of Jet Dispensing. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 300-309.	2.5	7
64	ISOMAP-Based Spatiotemporal Modeling for Lithium-Ion Battery Thermal Process. IEEE Transactions on Industrial Informatics, 2018, 14, 569-577.	11.3	37
65	Design and fabrication of inverted tapered micro-pillars for spontaneously transporting liquid upward. Microfluidics and Nanofluidics, 2018, 22, 1.	2.2	7
66	Learning Rates of Regularized Regression With Multiple Gaussian Kernels for Multi-Task Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5408-5418.	11.3	21
67	Spatially Piecewise Fuzzy Control Design for Sampled-Data Exponential Stabilization of Semilinear Parabolic PDE Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2967-2980.	9.8	79
68	Uncertain Data Clustering in Distributed Peer-to-Peer Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2392-2406.	11.3	25
69	Smith predictor-based multiple periodic disturbance compensation for long dead-time processes. International Journal of Control, 2018, 91, 999-1010.	1.9	9
70	Classification of Diffusion Tensor Metrics for the Diagnosis of a Myelopathic Cord Using Machine Learning. International Journal of Neural Systems, 2018, 28, 1750036.	5.2	42
71	Probabilistic Regularized Extreme Learning Machine for Robust Modeling of Noise Data. IEEE Transactions on Cybernetics, 2018, 48, 2368-2377.	9.5	22
72	On the selection of solutions for mutation in differential evolution. Frontiers of Computer Science, 2018, 12, 297-315.	2.4	24

#	ARTICLE	IF	CITATIONS
73	Optimal Design of Jetting Configuration for Robust Performance. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1300-1306.	2.5	1
74	Multi-task Learning Based Spatiotemporal Modeling for Distributed Thermal Processes. , 2018, , .		1
75	Independent Component Analysis Based Fault Detection and Spatial Localization of Distributed Parameter Systems. , 2018, , .		1
76	Novel consistency control strategy for jet dispensing. Journal of Central South University, 2018, 25, 1418-1436.	3.0	1
77	A Regularized Variable Projection Algorithm for Separable Nonlinear Least Squares Problems. IEEE Transactions on Automatic Control, 2018, , 1-1.	5.7	25
78	Local-Properties-Embedding-Based Nonlinear Spatiotemporal Modeling for Lithium-Ion Battery Thermal Process. IEEE Transactions on Industrial Electronics, 2018, 65, 9767-9776.	7.9	32
79	An improved teaching-learning-based optimization for constrained evolutionary optimization. Information Sciences, 2018, 456, 131-144.	6.9	32
80	Eigenspectrum-Based Iterative Learning Control for a Class of Distributed Parameter System. IEEE Transactions on Automatic Control, 2017, 62, 824-836.	5.7	41
81	Burg Matrix Divergence-Based Hierarchical Distance Metric Learning for Binary Classification. IEEE Access, 2017, 5, 3423-3430.	4.2	5
82	Dual least squares support vector machines based spatiotemporal modeling for nonlinear distributed thermal processes. Journal of Process Control, 2017, 54, 81-89.	3.3	21
83	Sampled-Data Fuzzy Control for Nonlinear Coupled Parabolic PDE-ODE Systems. IEEE Transactions on Cybernetics, 2017, 47, 2603-2615.	9.5	54
84	The consistency control of mold level in casting process. Control Engineering Practice, 2017, 62, 70-78.	5.5	7
85	Probabilistic Fuzzy Classification for Stochastic Data. IEEE Transactions on Fuzzy Systems, 2017, 25, 1391-1402.	9.8	20
86	A Sensitivity-Based Group-Wise Parameter Identification Algorithm for the Electric Model of Li-Ion Battery. IEEE Access, 2017, 5, 4377-4387.	4.2	20
87	Dempster-Shafer structure based fuzzy logic system for stochastic modeling. Applied Soft Computing Journal, 2017, 56, 134-142.	7.2	14
88	A Membership-Function-Dependent Approach to Design Fuzzy Pointwise State Feedback Controller for Nonlinear Parabolic Distributed Parameter Systems With Spatially Discrete Actuators. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1486-1499.	9.3	67
89	A Hierarchical Intelligent Methodology for Spatiotemporal Control of Wafer Temperature in Rapid Thermal Processing. IEEE Transactions on Semiconductor Manufacturing, 2017, 30, 52-59.	1.7	7
90	Real-Time Estimation of Temperature Distribution for Cylindrical Lithium-Ion Batteries Under Boundary Cooling. IEEE Transactions on Industrial Electronics, 2017, 64, 2316-2324.	7.9	33

#	ARTICLE	IF	CITATIONS
91	Control for Intelligent Manufacturing: A Multiscale Challenge. Engineering, 2017, 3, 608-615.	6.7	21
92	Dempster-shafer based probabilistic fuzzy logic system for wind speed prediction. , 2017, , .		2
93	Non-fragile sampled-data control for semilinear parabolic PDE systems. , 2017, , .		0
94	An adaptive spatiotemporal modeling method for curing thermal process. , 2017, , .		2
95	Multi-Scale Parameter Identification of Lithium-Ion Battery Electric Models Using a PSO-LM Algorithm. Energies, 2017, 10, 432.	3.1	13
96	Exponential stabilization of nonlinear parabolic PDE systems via sampled-data fuzzy control approach. , 2017, , .		3
97	Data-driven modeling for scoliosis prediction. , 2016, , .		1
98	Probabilistic Inference-Based Least Squares Support Vector Machine for Modeling Under Noisy Environment. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1703-1710.	9.3	26
99	Parameter identification for the electrochemical model of Li-ion battery. , 2016, , .		3
100	A novel incremental learning scheme for reinforcement learning in dynamic environments. , 2016, , .		15
101	Deep Learning-Based Model Reduction for Distributed Parameter Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1664-1674.	9.3	71
102	Utilizing cumulative population distribution information in differential evolution. Applied Soft Computing Journal, 2016, 48, 329-346.	7.2	81
103	Deep auto-encoder in model reduction of lage-scale spatiotemporal dynamics. , 2016, , .		8
104	Posterior self-information based uncertainty measurement for data classification and learning. , 2016, , .		0
105	An Intelligent Decision System for Intraoperative Somatosensory Evoked Potential Monitoring. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 300-307.	4.9	15
106	Fuzzy clustering with the entropy of attribute weights. Neurocomputing, 2016, 198, 125-134.	5.9	132
107	Sliding mode control design for a rapid thermal processing system. Chemical Engineering Science, 2016, 143, 76-85.	3.8	17
108	Spatiotemporal modeling of internal states distribution for lithium-ion battery. Journal of Power Sources, 2016, 301, 261-270.	7.8	17

#	ARTICLE	IF	CITATIONS
109	Incorporating Objective Function Information Into the Feasibility Rule for Constrained Evolutionary Optimization. IEEE Transactions on Cybernetics, 2016, 46, 2938-2952.	9.5	153
110	Ultrasound aided smooth dispensing for high viscoelastic epoxy in microelectronic packaging. Ultrasonics Sonochemistry, 2016, 28, 15-20.	8.2	15
111	A neural network-based distributed parameter model identification approach for microcantilever. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 3663-3676.	2.1	2
112	Fuzzy guaranteed cost sampled-data control of nonlinear systems coupled with a scalar reactionâ€ diffusion process. Fuzzy Sets and Systems, 2016, 302, 121-142.	2.7	30
113	Comparison of the break-up behaviors of newton and shear thinning non-newton fluid in jet dispensing for LED packaging. , 2015, , .		1
114	An incremental Hammerstein-like modeling approach for the decoupled creep, vibration and hysteresis dynamics of piezoelectric actuator. Nonlinear Dynamics, 2015, 82, 2097-2118.	5.2	12
115	Prediction of myelopathic level in cervical spondylotic myelopathy using diffusion tensor imaging. Journal of Magnetic Resonance Imaging, 2015, 41, 1682-1688.	3.4	41
116	Gradient Radial Basis Function Based Varying-Coefficient Autoregressive Model for Nonlinear and Nonstationary Time Series. IEEE Signal Processing Letters, 2015, 22, 809-812.	3.6	50
117	Learning Control Approach for Thermal Regulation of Rapid Thermal Processing System. , 2015, , .		1
118	Intelligent Modeling of Internal States for Battery. , 2015, , .		0
119	Adaptive Optimal Control of Highly Dissipative Nonlinear Spatially Distributed Processes With Neuro-Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 684-696.	11.3	115
120	Stabilization of an unstable reactionâ€ diffusion PDE cascaded with a heat equation. Systems and Control Letters, 2015, 76, 8-18.	2.3	38
121	Locating Multiple Optimal Solutions of Nonlinear Equation Systems Based on Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2015, 19, 414-431.	10.0	78
122	A Variable Projection Approach for Efficient Estimation of RBF-ARX Model. IEEE Transactions on Cybernetics, 2015, 45, 462-471.	9.5	92
123	Experimental and Modeling Study of Breakup Behavior in Silicone Jet Dispensing for Light-Emitting Diode Packaging. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 1019-1026.	2.5	16
124	Incorporating PLS model information into particle swarm optimization for descriptor selection in QSAR/QSPR. Journal of Chemometrics, 2015, 29, 627-636.	1.3	20
125	A Potential Method for Determining Nonlinearity in Wind Data. IEEE Power and Energy Technology Systems Journal, 2015, 2, 74-81.	2.8	4
126	Sub-domain adaptation learning methodology. Information Sciences, 2015, 298, 237-256.	6.9	8

#	ARTICLE	IF	CITATIONS
127	Extreme learning machine based spatiotemporal modeling of lithium-ion battery thermal dynamics. Journal of Power Sources, 2015, 277, 228-238.	7.8	34
128	MOMMOP: Multiobjective Optimization for Locating Multiple Optimal Solutions of Multimodal Optimization Problems. IEEE Transactions on Cybernetics, 2015, 45, 830-843.	9.5	157
129	Defining Biological Networks for Noise Buffering and Signaling Sensitivity Using Approximate Bayesian Computation. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	1
130	A fuzzy-based spatio-temporal multi-modeling for nonlinear distributed parameter processes. Applied Soft Computing Journal, 2014, 25, 309-321.	7.2	23
131	Experimental and modeling study of high-viscosity silicone jet dispensing process for LED packaging. , 2014, , .		2
132	Two dimensional thermal model based observer design for lithium ion batteries. , 2014, , .		0
133	Fuzzy Boundary Control Design for a Class of Nonlinear Parabolic Distributed Parameter Systems. IEEE Transactions on Fuzzy Systems, 2014, 22, 642-652.	9.8	153
134	Stability and robust design using a sector nonlinearity approach for nonlinear manufacturing systems. Mechanism and Machine Theory, 2014, 82, 115-127.	4.5	5
135	Modeling and identification of nonlinear distributed parameter dynamics of the micro-cantilever. , 2014, , .		1
136	Differential evolution based on covariance matrix learning and bimodal distribution parameter setting. Applied Soft Computing Journal, 2014, 18, 232-247.	7.2	275
137	Dynamic switching based fuzzy control strategy for a class of distributed parameter system. Journal of Process Control, 2014, 24, 88-97.	3.3	32
138	Distributed proportional plus second-order spatial derivative control for distributed parameter systems subject to spatiotemporal uncertainties. Nonlinear Dynamics, 2014, 76, 2041-2058.	5.2	21
139	A Collaborative Fuzzy Clustering Algorithm in Distributed Network Environments. IEEE Transactions on Fuzzy Systems, 2014, 22, 1443-1456.	9.8	85
140	A Spatiotemporal Estimation Method for Temperature Distribution in Lithium-Ion Batteries. IEEE Transactions on Industrial Informatics, 2014, 10, 2300-2307.	11.3	56
141	Fidelity-Based Probabilistic Q-Learning for Control of Quantum Systems. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 920-933.	11.3	119
142	Data-Driven Robust Design for a Curing Oven. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 1366-1373.	2.5	3
143	An Efficient Variable Projection Formulation for Separable Nonlinear Least Squares Problems. IEEE Transactions on Cybernetics, 2014, 44, 707-711.	9.5	35
144	Modeling of laminar fluid flow in jet dispensing process. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
145	A multiple periodic disturbance rejection control for process with long dead-time. Journal of Process Control, 2014, 24, 1394-1401.	3.3	10
146	Data-based Suboptimal Neuro-control Design with Reinforcement Learning for Dissipative Spatially Distributed Processes. Industrial & Engineering Chemistry Research, 2014, 53, 8106-8119.	3.7	32
147	Static output feedback control design for linear MIMO systems with actuator dynamics governed by diffusion PDEs. International Journal of Control, 2014, 87, 90-100.	1.9	14
148	Fuzzy Control Design for Nonlinear ODE-Hyperbolic PDE-Cascaded Systems: A Fuzzy and Entropy-Like Lyapunov Function Approach. IEEE Transactions on Fuzzy Systems, 2014, 22, 1313-1324.	9.8	28
149	Knowledge-Based Machine Learning for Glaucoma Diagnosis from Fundus Image Data. Journal of Medical Imaging and Health Informatics, 2014, 4, 776-780.	0.3	1
150	Spectrum-based model reduction of rapid thermal processing system. , 2014, , .		0
151	Modeling of laminar fluid flow in jet dispensing process. , 2014, , .		0
152	Multi-variable fuzzy logic control for a class of distributed parameter systems. Journal of Process Control, 2013, 23, 351-358.	3.3	13
153	SVR Learning-Based Spatiotemporal Fuzzy Logic Controller for Nonlinear Spatially Distributed Dynamic Systems. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1635-1647.	11.3	20
154	Intelligent modeling for thermal management of cylindrical lithium ion batteries. , 2013, , .		0
155	The distance of probabilistic fuzzy sets for classification. Pattern Recognition Letters, 2013, 34, 2157-2165.	4.2	2
156	Probabilistic support vector machines for classification of noise affected data. Information Sciences, 2013, 221, 60-71.	6.9	52
157	A Three-Domain Fuzzy Wavelet System for Simultaneous Processing of Time-Frequency Information and Fuzziness. IEEE Transactions on Fuzzy Systems, 2013, 21, 176-183.	9.8	15
158	A Saturation-Based Tuning Method for Fuzzy PID Controller. IEEE Transactions on Industrial Electronics, 2013, 60, 5177-5185.	7.9	66
159	Least Square Regularized Regression in Sum Space. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 635-646.	11.3	27
160	Architecture-dependent robustness in a class of multiple positive feedback loops. IET Systems Biology, 2013, 7, 1-10.	1.5	2
161	Least Square Regularized Regression for Multitask Learning. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.7	1
162	Guaranteed cost distributed fuzzy observer-based control for a class of nonlinear spatially distributed processes. AIChE Journal, 2013, 59, 2366-2378.	3.6	23

#	ARTICLE	IF	CITATIONS
163	Integrated Modeling for Intelligent Battery Thermal Management. , 2013, , .		2
164	Constructing an ensemble learning model by using Euclidean distance. , 2013, , .		0
165	Control of a reaction-diffusion PDE cascaded with a heat equation. , 2013, , .		0
166	Defining transcriptional network by combining expression data with multiple sources of prior knowledge. , 2012, , .		2
167	An intelligent learning model for stochastic data. , 2012, , .		0
168	Distributed Proportional-Spatial Derivative Control of Nonlinear Parabolic Systems via Fuzzy PDE Modeling Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 927-938.	5.0	87
169	Quantitative modeling of transcriptional regulatory networks by integrating multiple source of knowledge. Bioprocess and Biosystems Engineering, 2012, 35, 1555-1565.	3.4	5
170	Type-2 hierarchical fuzzy system for high-dimensional data-based modeling with uncertainties. Soft Computing, 2012, 16, 1945-1957.	3.6	18
171	Design of distributed fuzzy controllers with constraint for nonlinear hyperbolic PDE systems. Automatica, 2012, 48, 2535-2543.	5.0	122
172	Multiple models fusion for pattern classification on noise data. , 2012, , .		2
173	Kernel-Based Spatiotemporal Multimodeling for Nonlinear Distributed Parameter Industrial Processes. Industrial & Engineering Chemistry Research, 2012, 51, 13205-13218.	3.7	8
174	A Multiobjective Optimization Based Fuzzy Control for Nonlinear Spatially Distributed Processes With Application to a Catalytic Rod. IEEE Transactions on Industrial Informatics, 2012, 8, 860-868.	11.3	42
175	An Efficient Configuration for Probabilistic Fuzzy Logic System. IEEE Transactions on Fuzzy Systems, 2012, 20, 898-909.	9.8	34
176	A novel probabilistic fuzzy set for uncertainties-based integration inference. , 2012, , .		5
177	Design a Wind Speed Prediction Model Using Probabilistic Fuzzy System. IEEE Transactions on Industrial Informatics, 2012, 8, 819-827.	11.3	49
178	Probabilistic PCA-Based Spatiotemporal Multimodeling for Nonlinear Distributed Parameter Processes. Industrial & Engineering Chemistry Research, 2012, 51, 6811-6822.	3.7	12
179	Stochastically exponential stability and stabilization of uncertain linear hyperbolic PDE systems with Markov jumping parameters. Automatica, 2012, 48, 569-576.	5.0	42
180	Robustness of fuzzy PID controller due to its inherent saturation. Journal of Process Control, 2012, 22, 470-476.	3.3	31

#	ARTICLE	IF	CITATIONS
181	Probabilistic robust design for covariance minimization of nonlinear system. Mechanism and Machine Theory, 2012, 52, 195-205.	4.5	7
182	Exponential Stabilization for a Class of Nonlinear Parabolic PDE Systems via Fuzzy Control Approach. IEEE Transactions on Fuzzy Systems, 2012, 20, 318-329.	9.8	87
183	Bayesian inference based modelling for gene transcriptional dynamics by integrating multiple source of knowledge. BMC Systems Biology, 2012, 6, S3.	3.0	6
184	Model-Based Probabilistic Robust Design With Data-Based Uncertainty Compensation for Partially Unknown System. Journal of Mechanical Design, Transactions of the ASME, 2012, 134, .	2.9	2
185	A simple regulatory circuit that can simultaneously generate excitability of two different mechanisms. Discrete and Continuous Dynamical Systems - Series B, 2012, 17, 271-282.	0.9	1
186	Random Network Based Dynamic Analysis for Biochemical Reaction System. Advanced Science Letters, 2012, 10, 554-558.	0.2	2
187	A quantitative framework of transcriptional dynamics by integrating multiple sources of knowledge. , 2011, , .		0
188	Time/Space-Separation-Based SVM Modeling for Nonlinear Distributed Parameter Processes. Industrial & Engineering Chemistry Research, 2011, 50, 332-341.	3.7	56
189	Modeling of Distributed Parameter Systems: Overview and Classification. , 2011, , 13-49.		0
190	Hammerstein Modeling with Structure Identification for Multi-input Multi-output Nonlinear Industrial Processes. Industrial & Engineering Chemistry Research, 2011, 50, 11153-11169.	3.7	6
191	Robust adaptive \hat{a} , \hat{a}^z -gain neural filtering for non-linear systems in the presence of bounded disturbances. IET Control Theory and Applications, 2011, 5, 630-639.	2.1	8
192	Distributed Fuzzy Control Design of Nonlinear Hyperbolic PDE Systems With Application to Nonisothermal Plug-Flow Reactor. IEEE Transactions on Fuzzy Systems, 2011, 19, 514-526.	9.8	80
193	Hybrid MDP based integrated hierarchical Q-learning. Science China Information Sciences, 2011, 54, 2279-2294.	4.3	16
194	A probabilistic SVM based decision system for pain diagnosis. Expert Systems With Applications, 2011, 38, 9346-9351.	7.6	24
195	Robust adaptive neural observer design for a class of nonlinear parabolic PDE systems. Journal of Process Control, 2011, 21, 1172-1182.	3.3	39
196	Adaptive hybrid projective synchronization of uncertain chaotic systems based on backstepping design. Nonlinear Analysis: Real World Applications, 2011, 12, 388-393.	1.7	70
197	Fuzzy PID Control for a Class of Distributed Parameter Systems. , 2011, , .		0
198	Spatio-Temporal Modeling of Nonlinear Distributed Parameter Systems. , 2011, , .		80

#	ARTICLE	IF	CITATIONS
199	Robust Design for Dynamic System Under Model Uncertainty. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, .	2.9	11
200	Quantitative construction of regulatory networks using multiple sources of knowlege. , 2011, , .		2
201	An unified intelligent inference framework for complex modeling and classification. , 2011, , .		4
202	Spatio-Temporal Modeling for Wiener Distributed Parameter Systems. , 2011, , 51-72.		2
203	Three-dimensional fuzzy logic system for process modeling and control. Journal of Control Theory and Applications, 2010, 8, 280-285.	0.8	4
204	Modeling of distributed parameter systems for applicationsâ€™A synthesized review from timeâ€™space separation. Journal of Process Control, 2010, 20, 891-901.	3.3	240
205	PSO-based intelligent integration of design and control for one kind of curing process. Journal of Process Control, 2010, 20, 1116-1125.	3.3	26
206	Structure and BIBO stability of a three-dimensional fuzzy two-term control system. Mathematics and Computers in Simulation, 2010, 80, 1985-2004.	4.4	10
207	Adaptive generalized function projective synchronization of uncertain chaotic systems. Nonlinear Analysis: Real World Applications, 2010, 11, 2456-2464.	1.7	79
208	Variable Sensitivity-Based Deterministic Robust Design for Nonlinear System. Journal of Mechanical Design, Transactions of the ASME, 2010, 132, .	2.9	12
209	Robust Optimal Design with Consideration of Robust Eigenvalue Assignment. Industrial & Engineering Chemistry Research, 2010, 49, 3306-3315.	3.7	8
210	A probabilistic fuzzy learning system for pattern classification. , 2010, , .		7
211	Spatially Constrained Fuzzy-Clustering-Based Sensor Placement for Spatiotemporal Fuzzy-Control System. IEEE Transactions on Fuzzy Systems, 2010, 18, 946-957.	9.8	35
212	Architecture-Dependent Robustness and Bistability in a Class of Genetic Circuits. Biophysical Journal, 2010, 99, 1034-1042.	0.5	15
213	PCA based sequential feature space learning for gene selection. , 2010, , .		3
214	Integrated Design and Control under Uncertainty: A Fuzzy Modeling Approach. Industrial & Engineering Chemistry Research, 2010, 49, 1312-1324.	3.7	19
215	Mechanical characterization of human red blood cells by robotic manipulation with optical tweezers. , 2009, , .		1
216	A spatio-temporal fuzzy logic system for process control. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
217	Adaptive Neural Control Design for Nonlinear Distributed Parameter Systems With Persistent Bounded Disturbances. IEEE Transactions on Neural Networks, 2009, 20, 1630-1644.	4.2	46
218	GENERALIZED SYNCHRONIZATION OF DIFFERENT DIMENSIONAL CHAOTIC SYSTEMS BASED ON PARAMETER IDENTIFICATION. Modern Physics Letters B, 2009, 23, 2593-2606.	1.9	7
219	THE HYBRID FUNCTION PROJECTIVE SYNCHRONIZATION OF CHAOTIC SYSTEMS. International Journal of Modern Physics C, 2009, 20, 789-797.	1.7	1
220	Perturbation Theory Based Robust Design Under Model Uncertainty. Journal of Mechanical Design, Transactions of the ASME, 2009, 131, .	2.9	20
221	A probabilistic support vector machine for uncertain data. , 2009, , .		6
222	A multi-channel spatio-temporal Hammerstein modeling approach for nonlinear distributed parameter processes. Journal of Process Control, 2009, 19, 85-99.	3.3	35
223	A spatio-temporal Volterra modeling approach for a class of distributed industrial processes. Journal of Process Control, 2009, 19, 1126-1142.	3.3	52
224	A novel neural internal model control for multi-input multi-output nonlinear discrete-time processes. Journal of Process Control, 2009, 19, 1392-1400.	3.3	29
225	Nonlinear dimension reduction based neural modeling for distributed parameter processes. Chemical Engineering Science, 2009, 64, 4164-4170.	3.8	41
226	Chaos synchronization of a unified chaotic system via partial linearization. Chaos, Solitons and Fractals, 2009, 41, 457-463.	5.1	5
227	Dynamic analysis of a fractional-order Lorenz chaotic system. Chaos, Solitons and Fractals, 2009, 42, 1181-1189.	5.1	156
228	Application of the multistage homotopy-perturbation method to solve a class of hyperchaotic systems. Chaos, Solitons and Fractals, 2009, 42, 2330-2337.	5.1	10
229	A time/space separation-based Hammerstein modeling approach for nonlinear distributed parameter processes. Computers and Chemical Engineering, 2009, 33, 1247-1260.	3.8	61
230	Incremental Modeling of Nonlinear Distributed Parameter Processes via Spatiotemporal Kernel Series Expansion. Industrial & Engineering Chemistry Research, 2009, 48, 3052-3058.	3.7	11
231	Probabilistic fuzzy logic system: A tool to process stochastic and imprecise information. , 2009, , .		8
232	Neural network internal model control for MIMO nonlinear processes. , 2009, , .		0
233	A probabilistic fuzzy logic system: Learning in the stochastic environment with incomplete dynamics. , 2009, , .		4
234	3-d fuzzy logic controller for spatially distributed dynamic systems: A tutorial. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
235	Stability Based Robust Eigenvalue Design for Tolerance. Journal of Mechanical Design, Transactions of the ASME, 2009, 131, .	2.9	12
236	Hybrid expert system for raw materials blending. Control Engineering Practice, 2008, 16, 1364-1371.	5.5	13
237	The synchronization of fractional-order Rössler hyperchaotic systems. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 1393-1403.	2.6	66
238	Hybrid Control for Robot Navigation - A Hierarchical Q-Learning Algorithm. IEEE Robotics and Automation Magazine, 2008, 15, 37-47.	2.0	51
239	A Probabilistic Neural-Fuzzy Learning System for Stochastic Modeling. IEEE Transactions on Fuzzy Systems, 2008, 16, 898-908.	9.8	97
240	A simple tuning method for fuzzy PID control. , 2008, , .		16
241	A Probabilistic Wavelet System for Stochastic and Incomplete Data-Based Modeling. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 310-319.	5.0	13
242	Quantum Reinforcement Learning. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1207-1220.	5.0	232
243	Feedback-Linearization-Based Neural Adaptive Control for Unknown Nonaffine Nonlinear Discrete-Time Systems. IEEE Transactions on Neural Networks, 2008, 19, 1615-1625.	4.2	63
244	H _∞ Fuzzy Observer-Based Control for a Class of Nonlinear Distributed Parameter Systems With Control Constraints. IEEE Transactions on Fuzzy Systems, 2008, 16, 502-516.	9.8	126
245	A LS-SVM modeling approach for nonlinear distributed parameter processes. , 2008, , .		1
246	A Galerkin/Neural-Network-Based Design of Guaranteed Cost Control for Nonlinear Distributed Parameter Systems. IEEE Transactions on Neural Networks, 2008, 19, 795-807.	4.2	38
247	Dual-mode predictive control algorithm for constrained Hammerstein systems. International Journal of Control, 2008, 81, 1609-1625.	1.9	46
248	Effective Tuning Method for Fuzzy PID with Internal Model Control. Industrial & Engineering Chemistry Research, 2008, 47, 8317-8323.	3.7	50
249	Analytical model of three-dimensional fuzzy logic controller for spatio-temporal processes. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	1
250	Stable flocking of mobile formation in 3-dimensional space. , 2008, , .		1
251	A Karhunen-Loève Decomposition-Based Wiener Modeling Approach for Nonlinear Distributed Parameter Processes. Industrial & Engineering Chemistry Research, 2008, 47, 4184-4192.	3.7	40
252	A multi-SVMs design for cancer diagnosis using DNA microarray data. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
253	A subspace/KL based modelling method for nonlinear distribution parameters systems. , 2008, , .		0
254	Stable flocking motion of multi-agent formation in 3-dimensional space. , 2008, , .		1
255	Robust Stabilization of the Distributed Parameter System With Time Delay via Fuzzy Control. IEEE Transactions on Fuzzy Systems, 2008, 16, 567-584.	9.8	47
256	Control of A Formation with One Cyclic Relation in 3-dimensional Space. , 2008, , .		0
257	Analytical Study and Stability Design of a 3-D Fuzzy Logic Controller for Spatially Distributed Dynamic Systems. IEEE Transactions on Fuzzy Systems, 2008, 16, 1613-1625.	9.8	29
258	Sub-domain intelligent modeling based on neural networks. , 2008, , .		6
259	INTERVAL-VALUED FUZZY LOGIC CONTROL FOR A CLASS OF DISTRIBUTED PARAMETER SYSTEMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 457-481.	1.9	3
260	Vibration control of a rotor-bearing system using shape memory alloy: II. Experimental study. Smart Materials and Structures, 2007, 16, 122-127.	3.5	24
261	Direct neural network-based self-tuning control for a class of nonlinear systems. International Journal of Systems Science, 2007, 38, 623-641.	5.5	1
262	Vibration control of a rotor-bearing system using shape memory alloy: I. Theory. Smart Materials and Structures, 2007, 16, 114-121.	3.5	28
263	Uncertainty Modeling Design with a Probabilistic Fuzzy Neural Network. , 2007, , .		0
264	New Approach to Delay-Dependent Stability Analysis and Stabilization for Continuous-Time Fuzzy Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2007, 15, 482-493.	9.8	228
265	Neuro-Fuzzy Dynamic-Inversion-Based Adaptive Control for Robotic Manipulators—Discrete Time Case. IEEE Industrial Electronics Magazine, 2007, 54, 1342-1351.	2.6	72
266	Finite-Dimensional Constrained Fuzzy Control for a Class of Nonlinear Distributed Process Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1422-1430.	5.0	87
267	A Simple Model-Based Approach for Fluid Dispensing Analysis and Control. IEEE/ASME Transactions on Mechatronics, 2007, 12, 491-503.	5.8	56
268	A Three-Dimensional Fuzzy Control Methodology for a Class of Distributed Parameter Systems. IEEE Transactions on Fuzzy Systems, 2007, 15, 470-481.	9.8	64
269	General Control Horizon Extension Method for Nonlinear Model Predictive Control. Industrial & Engineering Chemistry Research, 2007, 46, 9179-9189.	3.7	5
270	Greatly enhancing the modeling accuracy for distributed parameter systems by nonlinear time/space separation. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 215-222.	2.6	4

#	ARTICLE	IF	CITATIONS
271	High accuracy estimation of multi-frequency signal parameters by improved phase linear regression. <i>Signal Processing</i> , 2007, 87, 1066-1077.	3.7	7
272	Wire bonding dynamics monitoring by wavelet analysis. <i>Sensors and Actuators A: Physical</i> , 2007, 137, 41-50.	4.1	12
273	Modeling and control of time-pressure dispensing for semiconductor manufacturing. <i>International Journal of Automation and Computing</i> , 2007, 4, 422-427.	4.5	21
274	Performance-oriented integrated control of production scheduling. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2006, 36, 554-562.	2.9	0
275	Global Asymptotical Stability of Recurrent Neural Networks With Multiple Discrete Delays and Distributed Delays. <i>IEEE Transactions on Neural Networks</i> , 2006, 17, 1646-1651.	4.2	280
276	Experimental identification of parasitic vibrations on ultrasonic bonding transducer. , 2006, , .		3
277	Authors' reply [fuzzy adaptive sliding-mode control for MIMO nonlinear systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2006, 14, 479.	9.8	0
278	On the New Method for the Control of Discrete Nonlinear Dynamic Systems Using Neural Networks. <i>IEEE Transactions on Neural Networks</i> , 2006, 17, 526-529.	4.2	15
279	An approximate internal model-based neural control for unknown nonlinear discrete processes. <i>IEEE Transactions on Neural Networks</i> , 2006, 17, 659-670.	4.2	83
280	Robust Stability of Switched Cohenâ€™Grossberg Neural Networks With Mixed Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2006, 36, 1356-1363.	5.0	159
281	A Novel Three-dimensional Fuzzy Controller for the Distributed Parameter System. , 2006, , .		1
282	Novel results concerning global robust stability of delayed neural networks. <i>Nonlinear Analysis: Real World Applications</i> , 2006, 7, 458-469.	1.7	44
283	A Three-Domain Fuzzy Process Control System. , 2006, , .		1
284	MASTER-SLAVE SYNCHRONIZATION OF GENERAL LUR'E SYSTEMS WITH TIME-VARYING DELAY AND PARAMETER UNCERTAINTY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006, 16, 281-294.	1.7	37
285	Robust stability analysis of switched Hopfield neural networks with time-varying delay under uncertainty. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 345, 345-354.	2.1	137
286	Stable adaptive controller design of robotic manipulators via neuro-fuzzy dynamic inversion. <i>Journal of Field Robotics</i> , 2005, 22, 809-819.	0.7	2
287	Estimation of multi-frequency signal parameters by frequency domain non-linear least squares. <i>Mechanical Systems and Signal Processing</i> , 2005, 19, 955-973.	8.0	22
288	Integrated modelling of a time-pressure fluid dispensing system for electronics manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2005, 26, 1-9.	3.0	39

#	ARTICLE	IF	CITATIONS
289	A Novel Neural Approximate Inverse Control for Unknown Nonlinear Discrete Dynamical Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2005, 35, 115-123.	5.0	40
290	An Improved Robust Fuzzy-PID Controller With Optimal Fuzzy Reasoning. IEEE Transactions on Systems, Man, and Cybernetics, 2005, 35, 1283-1294.	5.0	153
291	A probabilistic fuzzy logic system for modeling and control. IEEE Transactions on Fuzzy Systems, 2005, 13, 848-859.	9.8	166
292	Spectral-approximation-based intelligent modeling for distributed thermal processes. IEEE Transactions on Control Systems Technology, 2005, 13, 686-700.	5.2	148
293	Synchronization criteria of Lurâ€™e systems with time-delay feedback control. Chaos, Solitons and Fractals, 2005, 23, 1285-1298.	5.1	92
294	Observer-based adaptive fuzzy control for SISO nonlinear systems. Fuzzy Sets and Systems, 2004, 148, 355-376.	2.7	154
295	Geometric mouldability analysis by geometric reasoning and fuzzy decision making. CAD Computer Aided Design, 2004, 36, 37-50.	2.7	20
296	Model-Based Integration of Control and Supervision For One Kind of Curing Process. IEEE Transactions on Electronics Packaging Manufacturing, 2004, 27, 177-186.	1.4	39
297	Fuzzy Estimation of Feed-Cutting Force From Current Measurementâ€™A Case Study on Intelligent Tool Wear Condition Monitoring. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2004, 34, 506-512.	2.9	53
298	Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 770-775.	5.0	137
299	FUNCTIONAL OBSERVERS FOR LINEAR SYSTEMS WITH UNKNOWN INPUTS. Asian Journal of Control, 2004, 6, 462-468.	3.0	8
300	A connector-based hierarchical approach to assembly sequence planning for mechanical assemblies. CAD Computer Aided Design, 2003, 35, 37-56.	2.7	105
301	Integrated fuzzy modeling and adaptive control for nonlinear systems. Information Sciences, 2003, 153, 217-236.	6.9	26
302	Neuro-fuzzy adaptive control based on dynamic inversion for robotic manipulators. Fuzzy Sets and Systems, 2003, 134, 117-133.	2.7	31
303	A hybrid approach for supervisory control of furnace temperature. Control Engineering Practice, 2003, 11, 1325-1334.	5.5	31
304	Comments on "Direct adaptive fuzzy-neural control with state observer and supervisory controller for unknown nonlinear dynamical systems". IEEE Transactions on Fuzzy Systems, 2003, 11, 703-705.	9.8	12
305	Comparative study of fluid dispensing modeling. IEEE Transactions on Electronics Packaging Manufacturing, 2003, 26, 273-280.	1.4	49
306	Fuzzy adaptive sliding-mode control for mimo nonlinear systems. IEEE Transactions on Fuzzy Systems, 2003, 11, 354-360.	9.8	325

#	ARTICLE	IF	CITATIONS
307	A hybrid adaptive fuzzy control for a class of nonlinear MIMO systems. IEEE Transactions on Fuzzy Systems, 2003, 11, 24-34.	9.8	273
308	2-Degree-of-Freedom Proportional-Integral-Derivative-Type Controller Incorporating the Smith Principle for Processes with Dead Time. Industrial & Engineering Chemistry Research, 2002, 41, 2448-2454.	3.7	19
309	Intelligence-based hybrid control for power plant boiler. IEEE Transactions on Control Systems Technology, 2002, 10, 280-287.	5.2	29
310	NOISE INFLUENCE ON ESTIMATION OF SIGNAL PARAMETER FROM THE PHASE DIFFERENCE OF DISCRETE FOURIER TRANSFORMS. Mechanical Systems and Signal Processing, 2002, 16, 991-1004.	8.0	23
311	Fuzzy robust tracking control for uncertain nonlinear systems. International Journal of Approximate Reasoning, 2002, 30, 73-90.	3.3	98
312	Direct adaptive fuzzy output tracking control of nonlinear systems. Fuzzy Sets and Systems, 2002, 128, 107-115.	2.7	96
313	Robot discrete adaptive control based on dynamic inversion using dynamical neural networks. Automatica, 2002, 38, 1977-1983.	5.0	17
314	A fuzzy adaptive variable structure controller with applications to robot manipulators. IEEE Transactions on Systems, Man, and Cybernetics, 2001, 31, 331-340.	5.0	58
315	Hybrid intelligent control strategy. Supervising a DCS-controlled batch process. IEEE Control Systems, 2001, 21, 36-48.	0.8	47
316	A note on the existence conditions for fault detection and isolation observers. International Journal of Control, 2001, 74, 1271-1276.	1.9	1
317	A Conceptual Approach to Integrate Design and Control for the Epoxy Dispensing Process. International Journal of Advanced Manufacturing Technology, 2001, 17, 677-682.	3.0	32
318	Multivariable fuzzy supervisory control for the laminar cooling process of hot rolled slab. IEEE Transactions on Control Systems Technology, 2001, 9, 348-356.	5.2	33
319	Quantitative design and analysis of fuzzy proportional-integral-derivative control a step towards autotuning. International Journal of Systems Science, 2000, 31, 545-553.	5.5	33
320	A hybrid approach for identification of root causes and reliability improvement of a die bonding process—a case study. Reliability Engineering and System Safety, 1999, 64, 43-48.	8.9	10
321	Weibull and inverse Weibull mixture models allowing negative weights. Reliability Engineering and System Safety, 1999, 66, 227-234.	8.9	41
322	Fuzzy avoidance control strategy for redundant manipulators. Engineering Applications of Artificial Intelligence, 1999, 12, 513-521.	8.1	11
323	A fuzzy PLC with gain-scheduling control resolution for a thermal process—a case study. Control Engineering Practice, 1999, 7, 523-529.	5.5	14
324	Higher order fuzzy control structure for higher order or time-delay systems. IEEE Transactions on Fuzzy Systems, 1999, 7, 540-552.	9.8	16

#	ARTICLE	IF	CITATIONS
325	Approximate model reference adaptive mechanism for nominal gain design of fuzzy control system. IEEE Transactions on Systems, Man, and Cybernetics, 1999, 29, 41-46.	5.0	10
326	A comparative design and tuning for conventional fuzzy control. IEEE Transactions on Systems, Man, and Cybernetics, 1997, 27, 884-889.	5.0	68
327	Conventional fuzzy control and its enhancement. IEEE Transactions on Systems, Man, and Cybernetics, 1996, 26, 791-797.	5.0	252
328	A new methodology for designing a fuzzy logic controller. IEEE Transactions on Systems, Man, and Cybernetics, 1995, 25, 505-512.	0.9	164
329	A robust disturbance-based control and its application. International Journal of Control, 1993, 58, 537-554.	1.9	32
330	Hybrid intelligence based modeling for nonlinear distributed parameter process with applications to the curing process. , 0, , .		11
331	Hybrid spectral/neural model based integrated control and supervision of a distributed thermal process in IC packaging. , 0, , .		0
332	A Probabilistic Fuzzy Logic System for Uncertainty Modeling. , 0, , .		3