

Sing-Kiong Nguang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9348923/publications.pdf>

Version: 2024-02-01

356
papers

8,708
citations

36303

51
h-index

60623

81
g-index

368
all docs

368
docs citations

368
times ranked

4521
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Output-Feedback Control for Synchronization of Delayed Neural Networks. IEEE Transactions on Cybernetics, 2023, 53, 5618-5630.	9.5	2
2	Bumpless Transfer \hat{z} Anti-Disturbance Control of Switching Markovian LPV Systems Under the Hybrid Switching. IEEE Transactions on Cybernetics, 2022, 52, 2833-2845.	9.5	79
3	Optimal Tracking Control of Nonlinear Multiagent Systems Using Internal Reinforce Q-Learning. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4043-4055.	11.3	51
4	Memory-Event-Triggered Output Control of Neural Networks With Mixed Delays. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6905-6915.	11.3	18
5	Output Anti-Disturbance Control of Stochastic Markov Jump Systems With Multiple Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7633-7643.	9.3	32
6	Observer-Based Dissipativity Control for T ∞ S Fuzzy Neural Networks With Distributed Time-Varying Delays. IEEE Transactions on Cybernetics, 2021, 51, 5248-5258.	9.5	19
7	Impulsive Stabilization of Nonlinear Time-Delay System With Input Saturation via Delay-Dependent Polytopic Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7087-7098.	9.3	24
8	Impulsive Synchronization of Unbounded Delayed Inertial Neural Networks With Actuator Saturation and Sampled-Data Control and its Application to Image Encryption. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1460-1473.	11.3	95
9	$\int_{-\infty}^{\infty}$ Weighted Integral Event-Triggered Synchronization of Neural Networks With Mixed Delays. IEEE Transactions on Industrial Informatics, 2021, 17, 2365-2375.	11.3	24
10	Finite-time stability of coupled impulsive neural networks with time-varying delays and saturating actuators. Neurocomputing, 2021, 453, 590-598.	5.9	15
11	Event-triggered \hat{z} control for networked control systems under denial-of-service attacks. Transactions of the Institute of Measurement and Control, 2021, 43, 1077-1087.	1.7	14
12	Dual sensing scheduling algorithm for WSN based road network surveillance. AIMS Electronics and Electrical Engineering, 2021, 5, 38-54.	1.5	1
13	Decentralized Adaptive Neuro-Output Feedback Saturated Control for INS and Its Application to AUV. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5492-5501.	11.3	51
14	Delta-Modulator-Based Quantised State Feedback Controller for T ∞ S Fuzzy Networked Systems. International Journal of Fuzzy Systems, 2021, 23, 642-656.	4.0	6
15	Distributed localization algorithm for wireless sensor networks using range lookup and subregion stitching. IET Wireless Sensor Systems, 2021, 11, 179-205.	1.7	2
16	Machine learning-based inverse predictive model for AFP based thermoplastic composites. Journal of Industrial Information Integration, 2021, 22, 100197.	6.4	9
17	Efficient activation functions for embedded inference engines. Neurocomputing, 2021, 442, 73-88.	5.9	8
18	Stochastic exponential synchronization for delayed neural networks with semi-Markovian switchings: Saturated heterogeneous sampling communication. Nonlinear Analysis: Hybrid Systems, 2021, 41, 101028.	3.5	14

#	ARTICLE	IF	CITATIONS
19	Input-Output Data-Based Output Antisynchronization Control of Multiagent Systems Using Reinforcement Learning Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 7359-7367.	11.3	39
20	Machine Learning Based Predictive Model for AFP-Based Unidirectional Composite Laminates. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2315-2324.	11.3	24
21	H ∞ bumpless transfer reliable control of Markovian switching LPV systems subject to actuator failures. <i>Information Sciences</i> , 2020, 512, 431-445.	6.9	44
22	Stability Analysis of Linear Coupled Differential-Difference Systems With General Distributed Delays. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1356-1363.	5.7	10
23	Novel Nonsingular Terminal Sliding Mode Control for Multi-Agent Tracking Systems With Application to Jerk Circuit. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 1429-1433.	3.0	7
24	Event-Triggered H_{∞} Control of Networked Control Systems With Distributed Transmission Delay. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 4295-4301.	5.7	70
25	Underground Communications Using Capacitive Data Transfer Devices. <i>Journal of Sensors</i> , 2020, 2020, 1-11.	1.1	4
26	Dissipative stabilization of linear systems with time-varying general distributed delays. <i>Automatica</i> , 2020, 122, 109227.	5.0	10
27	Barrier Function-Based Adaptive Neuro Network Sliding Mode Vibration Control for Flexible Double-Clamped Beams With Input Saturation. <i>IEEE Access</i> , 2020, 8, 125887-125898.	4.2	12
28	Delta-Modulator-Based Quantised Output Feedback Controller for Linear Networked Control Systems. <i>IEEE Access</i> , 2020, 8, 175169-175179.	4.2	8
29	Fuzzy Model Predictive Control With Enhanced Robustness for Nonlinear System via a Discrete Disturbance Observer. <i>IEEE Access</i> , 2020, 8, 220631-220645.	4.2	5
30	Robust Takagi-Sugeno fuzzy output-feedback control for differential speed steering vehicles. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2020, 234, 2822-2835.	1.9	4
31	Location-based data delivery between vehicles and infrastructure. <i>IET Intelligent Transport Systems</i> , 2020, 14, 288-296.	3.0	5
32	Co-Design of Event-Triggered Scheme and H_{∞} Output Control for Markov Jump Systems Against Deception Attacks. <i>IEEE Access</i> , 2020, 8, 106554-106563.	4.2	6
33	Nonsingular Fast Terminal Adaptive Neuro-sliding Mode Control for Spacecraft Formation Flying Systems. <i>Complexity</i> , 2020, 2020, 1-15.	1.6	9
34	Improved internal-model robust adaptive control with its application to coordinated control of USC boiler-turbine power units in flexible operations. <i>International Journal of Systems Science</i> , 2020, 51, 669-686.	5.5	10
35	Mode-dependent dynamic output feedback H_{∞} control of networked systems with Markovian jump delay via generalized integral inequalities. <i>Information Sciences</i> , 2020, 520, 105-116.	6.9	17
36	Synchronization of Delayed Neural Networks via Integral-Based Event-Triggered Scheme. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 5092-5102.	11.3	32

#	ARTICLE	IF	CITATIONS
37	Relay Tracking Controller Design for Multiagent Systems With Varying Number of Agents. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, , 1-12.	9.3	3
38	Impulsive synchronization of coupled delayed neural networks with actuator saturation and its application to image encryption. Neural Networks, 2020, 128, 158-171.	5.9	84
39	Stability of a class of multiagent relay tracking systems with unstable subsystems. , 2020, , 131-150.		0
40	Sliding mode control for multiagent systems with continuously switching topologies based on polytopic model. , 2020, , 87-105.		1
41	Cooperative relay tracking strategy for multiagent systems with assistance of Voronoi diagrams. , 2020, , 107-129.		0
42	Finite time stability analysis and coordination strategies of multiagent relay tracking systems. , 2020, , 207-237.		0
43	Hierarchical Stability Conditions for a Class of Generalized Neural Networks With Multiple Discrete and Distributed Delays. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 636-642.	11.3	7
44	Robust H_2 Control of Linear Systems With Mismatched Quantization. IEEE Transactions on Automatic Control, 2019, 64, 1702-1709.	5.7	32
45	Performance of Neural Network Based Controllers and \hat{f} -Based PID Controllers for Networked Control Systems: A Comparative Investigation. , 2019, , .		2
46	Robust H_2 Control of Linear Systems With Mismatched Quantization. IEEE Transactions on Automatic Control, 2019, 64, 1702-1709. Filtering of Nonhomogeneous Markovian Jump Delay Systems via H_2 -Step-Ahead Lyapunov-Krasovskii Functional Approach. Complexity, 2019, 2019, 1-15.	1.6	0
47	Design and Advanced Control of Intelligent Large-Scale Hydraulic Synchronization Lifting Systems. Journal of Control Science and Engineering, 2019, 2019, 1-10.	1.0	1
48	Robust H_∞ Output Feedback Control of a Rotary Capacitive Power Transfer System. IEEE Access, 2019, 7, 113452-113462.	4.2	13
49	A Distributed Delay Method for Event-Triggered Control of Tâ€™S Fuzzy Networked Systems With Transmission Delay. IEEE Transactions on Fuzzy Systems, 2019, 27, 1963-1973.	9.8	64
50	Cascaded Boostâ€™Classâ€™E for rotary capacitive power transfer system. Journal of Engineering, 2019, 2019, 3742-3748.	1.1	10
51	Robust H_2 Control of Linear Systems With Mismatched Quantization. IEEE Transactions on Automatic Control, 2019, 64, 1702-1709. Output Feedback Control for T-S Fuzzy Systems: A Nonmonotonic Approach. , 2019, , 61-73.		0
52	Stability and H_2 Control of Discrete-Time Switched Systems via One-Step Ahead Lyapunov Function Approach. , 2019, , 75-90.		0
53	Stability, H_2 Control of Discrete-Time Switched Systems via One-Step Ahead Lyapunov Function Approach. , 2019, , 75-90. and Robust H_2 Control of Linear Systems With Mismatched Quantization. IEEE Transactions on Automatic Control, 2019, 64, 1702-1709.		0
54	Robust H_2 Control of Linear Systems With Mismatched Quantization. IEEE Transactions on Automatic Control, 2019, 64, 1702-1709. Filtering for Average Dwell-Time Switched Systems via a Nonmonotonic Function Approach. , 2019, , 111-130.		0

#	ARTICLE	IF	CITATIONS
55	Dissipative Dynamic Output Feedback Control for Switched Systems via Multistep Lyapunov Function Approach. , 2019, , 131-147.		0
56	Robust H_{∞} Control of Discrete-Time Nonhomogenous Markovian Jump Systems via Multistep Ahead Lyapunov Function Approach. , 2019, , 149-174.		0
57	Robust H_{∞} Filtering of Nonhomogeneous Markovian Jump Delay Systems via N-Step Ahead Lyapunov-Krasovskii Function Approach. , 2019, , 175-200.		0
58	Advances in Modelling, Monitoring, and Control for Complex Industrial Systems. Complexity, 2019, 2019, 1-3.	1.6	24
59	Robust Model Predictive Control for Differential Speed Steering Vehicles. , 2019, , .		0
60	Neural Network Based Inverse System Identification from Small Data Sets. , 2019, , .		1
61	Nonfragile Integral-Based Event-Triggered Control of Uncertain Cyber-Physical Systems under Cyber-Attacks. Complexity, 2019, 2019, 1-14.	1.6	14
62	Stability Analysis of Genetic Regulatory Networks With General Random Disturbances. IEEE Transactions on Nanobioscience, 2019, 18, 128-135.	3.3	35
63	Fault detection filtering for nonlinear switched systems via event-triggered communication approach. Automatica, 2019, 101, 365-376.	5.0	122
64	Reliable H_{∞} output control of nonlinear systems with dynamic event-triggered scheme. Journal of the Franklin Institute, 2019, 356, 58-79.	3.4	12
65	Passive actuator fault tolerant control for a class of MIMO nonlinear systems with uncertainties. International Journal of Control, 2019, 92, 693-704.	1.9	47
66	Quantized H_{∞} Output Control of Linear Markov Jump Systems in Finite Frequency Domain. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1901-1911.	9.3	53
67	Stabilisation of discrete-time polynomial fuzzy systems via a polynomial lyapunov approach. International Journal of Systems Science, 2018, 49, 557-566.	5.5	2
68	Takagi-Sugeno fuzzy model identification for turbofan aero-engines with guaranteed stability. Chinese Journal of Aeronautics, 2018, 31, 1206-1214.	5.3	20
69	Reducing Conservatism in an H_{∞} Robust State-Feedback Control Design of T-S Fuzzy Systems: A Nonmonotonic Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 386-390.	9.8	40
70	Distributed Filtering for Discrete-Time T-S Fuzzy Systems With Incomplete Measurements. IEEE Transactions on Fuzzy Systems, 2018, 26, 1459-1471.	9.8	61
71	Improved Learning from Small Data Sets Through Effective Combination of Machine Learning Tools with VSG Techniques. , 2018, , .		9
72	Networked Control System Design for Turbofan Aeroengines with Aging and Deterioration. Complexity, 2018, 2018, 1-13.	1.6	6

#	ARTICLE	IF	CITATIONS
73	Robust H_{∞} Control of Discrete-Time Nonhomogenous Markovian Jump Systems via Multistep Lyapunov Function Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1439-1450.	1.0	3
74	Collaborative distributed design for wireless control systems with Markovian-type control network and distributed network-induced time delays. International Journal of Robust and Nonlinear Control, 2018, 28, 5464-5480.	3.7	5
75	Dissipative delay range analysis of coupled differential-difference delay systems with distributed delays. Systems and Control Letters, 2018, 116, 56-65.	2.3	5
76	Robust H_{∞} gain codesign of networked control systems. International Journal of Robust and Nonlinear Control, 2018, 28, 4681-4695.	3.7	5
77	Stability and control of discrete-time switched systems via one-step ahead Lyapunov function approach. IET Control Theory and Applications, 2018, 12, 1141-1147.	2.1	17
78	Robust video tracking algorithm: a multi-feature fusion approach. IET Computer Vision, 2018, 12, 640-650.	2.0	14
79	Finite-time attitude quantised control for rigid spacecraft. International Journal of Systems Science, 2018, 49, 2328-2340.	5.5	7
80	Dual Sensing Scheduling Algorithm for Wireless Sensor Network Based Road Segment Surveillance. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 260-267.	0.3	1
81	Stability of a Class of Multiagent Tracking Systems With Unstable Subsystems. IEEE Transactions on Cybernetics, 2017, 47, 2193-2202.	9.5	20
82	Finite-time stabilization of Markovian jump delay systems – a switching control approach. International Journal of Robust and Nonlinear Control, 2017, 27, 298-318.	3.7	30
83	Performance assessment of class-E inverter for capacitive power transfer system. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2017, 36, 1237-1256.	0.9	1
84	Distributed Control of Large-Scale Networked Control Systems With Communication Constraints and Topology Switching. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1746-1757.	9.3	92
85	Design of auto frequency tuning capacitive power transfer system based on class-E dc/dc converter. IET Power Electronics, 2017, 10, 1588-1595.	2.1	20
86	Cooperative control of multi-agent systems with variable number of tracking agents. IET Control Theory and Applications, 2017, 11, 1922-1927.	2.1	8
87	LQG control of capacitive power transfer system. , 2017, , .		4
88	Robust H_{∞} Control of Discrete-Time Nonhomogenous Markovian Jump Systems via Multistep Lyapunov Function Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1439-1450.	9.3	49
89	New Results on Stability of Slowly Switched Systems: A Multiple Discontinuous Lyapunov Function Approach. IEEE Transactions on Automatic Control, 2017, 62, 3502-3509.	5.7	288
90	Stability, L_2 -Gain, and Robust H_{∞} Control for Switched Systems via N -Step-Ahead Lyapunov Function Approach. IEEE Access, 2017, 5, 26400-26408.	4.2	15

#	ARTICLE	IF	CITATIONS
91	Robust nonlinear filtering for polynomial discrete-time systems. , 2017, , 79-93.		0
92	Robust nonlinear H_∞ control for polynomial discrete-time systems. , 2017, , 95-109.		0
93	Global stabilization of fuzzy polynomial discrete-time nonlinear systems. , 2017, , 145-160.		0
94	Global H_∞ control of fuzzy polynomial discrete-time nonlinear systems. , 2017, , 161-176.		0
95	Robust nonlinear control for polynomial discrete-time systems. , 2017, , 29-55.		0
96	Robust nonlinear state feedback control for polynomial discrete-time systems. , 2017, , 57-78.		0
97	Secondary Side Output Voltage Stabilization of an IPT System by Tuning/Detuning through a Serial Tuned DC Voltage-controlled Variable Capacitor. Journal of Power Electronics, 2017, 17, 570-578.	1.5	2
98	Robust nonlinear output feedback control for polynomial discrete-time systems. , 2017, , 111-143.		1
99	H_∞ dynamic output feedback control for independently driven four-wheel electric vehicles with differential speed steering. , 2016, , .		2
100	Guaranteed convergence control for consensus of mobile sensor networks with dynamical topologies. International Journal of Distributed Sensor Networks, 2016, 12, 155014771667401.	2.2	0
101	Orthogonal functions based integral inequalities and their applications to time delay systems. , 2016, , .		2
102	Analysis of Class-E LC Capacitive Power Transfer System. Energy Procedia, 2016, 100, 287-290.	1.8	8
103	Development of 416kHz PZT driver for acoustics energy transfer applications. , 2016, , .		0
104	Multi-Target Video Tracking Based on Improved Data Association and Mixed Kalman H_∞ Filtering. IEEE Sensors Journal, 2016, 16, 7693-7704.	4.7	22
105	Capacitive power transfer with impedance matching network. , 2016, , .		9
106	Stabilization of uncertain linear distributed delay systems with dissipativity constraints. Systems and Control Letters, 2016, 96, 60-71.	2.3	28
107	Cooperative relay tracking strategy for multi-agent systems with assistance of Voronoi diagrams. Journal of the Franklin Institute, 2016, 353, 4422-4441.	3.4	17
108	Class-E LCCL for capacitive power transfer system. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
109	Detection and Isolation of Sensor Faults. <i>Advances in Industrial Control</i> , 2016, , 35-56.	0.5	0
110	Robust Estimation of Actuator Faults. <i>Advances in Industrial Control</i> , 2016, , 57-85.	0.5	0
111	Robust Estimation of Sensor Faults. <i>Advances in Industrial Control</i> , 2016, , 87-114.	0.5	0
112	Simultaneous Estimation of Actuator and Sensor Faults Using SMO and AO. <i>Advances in Industrial Control</i> , 2016, , 115-144.	0.5	1
113	Simultaneous Estimation of Actuator and Sensor Faults for Descriptor Systems. <i>Advances in Industrial Control</i> , 2016, , 165-197.	0.5	2
114	Sliding mode control for multi-agent systems under a time-varying topology. <i>International Journal of Systems Science</i> , 2016, 47, 2193-2200.	5.5	19
115	Robust output feedback controller design of discrete-time Takagi-Sugeno fuzzy systems: a non-monotonic Lyapunov approach. <i>IET Control Theory and Applications</i> , 2016, 10, 545-553.	2.1	33
116	Occupancy Inference Using Pyroelectric Infrared Sensors Through Hidden Markov Models. <i>IEEE Sensors Journal</i> , 2016, 16, 1062-1068.	4.7	58
117	Mean square consensus of multi-agent systems with multiplicative noises and time delays under directed fixed topologies. <i>International Journal of Control, Automation and Systems</i> , 2016, 14, 69-77.	2.7	22
118	Stochastic finite-time boundedness on switching dynamics Markovian jump linear systems with saturated and stochastic nonlinearities. <i>Information Sciences</i> , 2016, 334-335, 65-82.	6.9	21
119	Finite interval tracking algorithm for nonlinear multi-agent systems with communication delays. <i>International Journal of Systems Science</i> , 2016, 47, 3509-3517.	5.5	5
120	Delay partition method for the robust stability of uncertain genetic regulatory networks with time-varying delays. <i>Neurocomputing</i> , 2016, 173, 899-911.	5.9	22
121	Robust Video Target Tracking Based on Multi-feature Fusion and H _∞ Filtering. <i>International Journal of Computer and Communication Engineering</i> , 2016, 5, 79-98.	0.2	3
122	A Study of Capacitive Power Transfer Using Class-E Resonant Inverter. <i>Asian Journal of Scientific Research</i> , 2016, 9, 258-265.	0.1	4
123	Design of Capacitive Power Transfer Using a Class-E Resonant Inverter. <i>Journal of Power Electronics</i> , 2016, 16, 1678-1688.	1.5	24
124	Development of Class D Inverter for Acoustics Energy Transfer Implantable Devices. <i>International Journal of Power Electronics and Drive Systems</i> , 2016, 7, 75.	0.6	0
125	Design and Analysis of 1MHz Class-E Power Amplifier for Load and Duty Cycle Variations. <i>International Journal of Power Electronics and Drive Systems</i> , 2016, 7, 358.	0.6	2
126	Output tracking control for fuzzy delta operator systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2015, 352, 2951-2970.	3.4	27

#	ARTICLE	IF	CITATIONS
127	Nonlinear observer design with integrator for a class of polynomial discrete-time systems. , 2015, , .		3
128	Robust fault estimation of nonlinear systems using SOS approach. , 2015, , .		0
129	Fault tolerant H _∞ fuzzy-dynamic output feedback control of nonlinear systems with actuator faults: An LMI approach. , 2015, , .		1
130	Robust H _∞ state feedback control of NCSs with Poisson noise and successive packet dropouts. International Journal of Control, Automation and Systems, 2015, 13, 45-57.	2.7	16
131	Nonlinear H_{∞} output feedback control with integrator for polynomial discrete-time systems. International Journal of Robust and Nonlinear Control, 2015, 25, 1051-1065.	3.7	37
132	A Novel Observer-Based Output Feedback Controller Design for Discrete-Time Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 223-229.	9.8	100
133	High-order tracking problem with a time-varying topology and communication delays. Neurocomputing, 2015, 149, 1360-1369.	5.9	14
134	Robust Sliding Mode Observer based Fault Estimation for Certain Class of Uncertain Nonlinear Systems. Asian Journal of Control, 2015, 17, 1296-1309.	3.0	31
135	Video target tracking based on fusion state estimation. , 2014, , .		2
136	Robust Partially Mode Delay-Dependent H_{∞} Output Feedback Control of Discrete-Time Networked Control Systems. Asian Journal of Control, 2014, 16, 1312-1322.	3.0	2
137	Collusion and Fraud Detection on Electronic Energy Meters - A Use Case of Forensics Investigation Procedures. , 2014, , .		11
138	Estimation of actuator and sensor faults for nonlinear systems using a descriptor system approach. , 2014, , .		4
139	Tracking problem under a time-varying topology. Chinese Physics B, 2014, 23, 060502.	1.4	11
140	Passive actuator fault tolerant control for a class of MIMO non-linear systems with uncertainties. , 2014, , .		1
141	Robust finite-time H_{∞} control for uncertain discrete-time singular systems with Markovian jumps. IET Control Theory and Applications, 2014, 8, 1105-1111.	2.1	65
142	Nonlinear filter design with integrator for a class of polynomial discrete-time systems. , 2014, , .		1
143	Finite-time H_{∞} control for discrete-time Markovian jump systems subject to average dwell time. Transactions of the Institute of Measurement and Control, 2014, 36, 683-695.	1.7	1
144	Finite-time analysis and design for discrete-time switching dynamics Markovian jump linear systems with time-varying delay. IET Control Theory and Applications, 2014, 8, 1972-1985.	2.1	16

#	ARTICLE	IF	CITATIONS
145	Nonlinear H^∞ feedback control with integrator for polynomial discrete-time systems. Journal of the Franklin Institute, 2014, 351, 4023-4038.	3.4	17
146	Adaptive sliding mode control for a class of MIMO nonlinear systems with uncertainties. Journal of the Franklin Institute, 2014, 351, 2048-2061.	3.4	66
147	Finite-time boundedness for uncertain discrete neural networks with time-delays and Markovian jumps. Neurocomputing, 2014, 140, 1-7.	5.9	58
148	Robust H^∞ adaptive descriptor observer design for fault estimation of uncertain nonlinear systems. Journal of the Franklin Institute, 2014, 351, 5162-5181.	3.4	5
149	Asynchronous H^∞ filtering of switched time-delay systems with network induced random occurrences. Signal Processing, 2014, 98, 62-73.	3.7	16
150	SOS Based Robust H^∞ Fuzzy Dynamic Output Feedback Control of Nonlinear Networked Control Systems. IEEE Transactions on Cybernetics, 2014, 44, 1204-1213.	9.5	70
151	Robust H^∞ adaptive descriptor observer design for fault estimation of uncertain nonlinear systems. Journal of the Franklin Institute, 2014, 351, 5162-5181.	3.4	42
152	Simultaneous robust actuator and sensor fault estimation for uncertain nonlinear Lipschitz systems. IET Control Theory and Applications, 2014, 8, 1364-1374.	2.1	55
153	Robust sensor fault estimation and fault-tolerant control for uncertain Lipschitz nonlinear systems. , 2014, , .		22
154	Observer-based finite-time H^∞ control for discrete singular stochastic systems. Applied Mathematics Letters, 2014, 38, 115-121.	2.7	72
155	Robust Nonlinear H^∞ State Feedback Control of Polynomial Discrete-Time Systems: An Integrator Approach. Circuits, Systems, and Signal Processing, 2014, 33, 331-346.	2.0	8
156	New Delay-Dependent Stability Criteria for Uncertain Neutral System with Time-Varying Delays and Nonlinear Perturbations. Circuits, Systems, and Signal Processing, 2014, 33, 2719-2740.	2.0	5
157	Finite-time control for discrete-time Markovian jump systems with deterministic switching and time-delay. International Journal of Control, Automation and Systems, 2014, 12, 473-485.	2.7	14
158	Robust stability analysis of stochastic delayed genetic regulatory networks with polytopic uncertainties and linear fractional parametric uncertainties. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1569-1581.	3.3	18
159	Novel delay-dependent stability criterion for time-varying delay systems with parameter uncertainties and nonlinear perturbations. Information Sciences, 2014, 281, 321-333.	6.9	31
160	Exponential convergence analysis of uncertain genetic regulatory networks with time-varying delays. ISA Transactions, 2014, 53, 1544-1553.	5.7	11
161	Robust finite-time fuzzy H^∞ control for uncertain time-delay systems with stochastic jumps. Journal of the Franklin Institute, 2014, 351, 4211-4229.	3.7	12
162	Observer-based finite-time fuzzy H^∞ control for discrete-time systems with stochastic jumps and time-delays. Signal Processing, 2014, 97, 252-261.	3.7	103

#	ARTICLE	IF	CITATIONS
163	Nonlinear state feedback control for a class of polynomial nonlinear discrete-time systems with norm-bounded uncertainties: An integrator approach. <i>Journal of the Franklin Institute</i> , 2013, 350, 1739-1752.	3.4	14
164	Induced L_2 filtering of fuzzy stochastic systems with time-varying delays. <i>IEEE Transactions on Cybernetics</i> , 2013, 43, 1251-1264.	9.5	142
165	Robust H_∞ State Feedback Control of Networked Control Systems with Congestion Control. <i>Circuits, Systems, and Signal Processing</i> , 2013, 32, 2761-2781.	2.0	3
166	Novel delay-dependent stability criterion for uncertain genetic regulatory networks with interval time-varying delays. <i>Neurocomputing</i> , 2013, 121, 170-178.	5.9	19
167	Robust delay-probability-distribution-dependent stability of uncertain genetic regulatory networks with time-varying delays. <i>Neurocomputing</i> , 2013, 119, 153-164.	5.9	10
168	Detection and isolation of sensor faults of wind turbines using sliding mode observers. , 2013, , .		7
169	Robust H_2 static output feedback controller design for parameter dependent polynomial systems: An iterative sums of squares approach. <i>Journal of the Franklin Institute</i> , 2013, 350, 318-330.	3.4	33
170	Robust sensor fault estimation scheme for satellite attitude control systems. <i>Journal of the Franklin Institute</i> , 2013, 350, 2581-2604.	3.4	98
171	Principles, Design, and Calibration for a Genre of Irradiation Angle Sensors. <i>IEEE Transactions on Industrial Electronics</i> , 2013, 60, 210-216.	7.9	10
172	Shifting stable operating points of bifurcated IPT systems by time delay perturbation. <i>Electronics Letters</i> , 2013, 49, 615-617.	1.0	4
173	Finite-time stabilization for discrete fuzzy jump nonlinear systems with time delays. , 2013, , .		0
174	Observer-based finite-time control for discrete fuzzy jump nonlinear systems with time delays. , 2013, , .		0
175	Robust partially mode delay dependent \hat{a}, \hat{a}^z control of discrete-time networked control systems. <i>International Journal of Systems Science</i> , 2012, 43, 1764-1773.	5.5	4
176	Accurate performance analysis of chaos-based code tracking in presence of multipath fading. <i>Electronics Letters</i> , 2012, 48, 238.	1.0	4
177	Disturbance attenuation for a class of uncertain polynomial discrete-time systems: An integrator approach. , 2012, , .		4
178	Nonlinear State Feedback Control for A Class of Polynomial Discrete-time Systems with Norm-Bounded Uncertainties: An Integrator Approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 319-324.	0.4	0
179	Reconstruction of sensor faults for a class of uncertain nonlinear systems using adaptive sliding mode observers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 479-484.	0.4	3
180	Robust H_∞ state feedback control of networked control systems with congestion control. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
181	Nonlinear robust state feedback control of uncertain polynomial discrete-time systems: An integral action approach. , 2012, , .		0
182	Simulated Photovoltaic Array Systems Under a Changing Environment for Temporal Performance. International Journal of Green Energy, 2012, 9, 673-684.	3.8	11
183	Robust H_{∞} dynamic output feedback control of networked control systems with congestion control. , 2012, , .		0
184	Analysis of Chaos-Based Code Tracking Using Chaotic Correlation Statistics. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 796-805.	5.4	29
185	Accurate Derivation of Chaos-Based Acquisition Performance in a Fading Channel. IEEE Transactions on Wireless Communications, 2012, 11, 722-731.	9.2	43
186	Detection and isolation of incipient sensor faults for a class of uncertain non-linear systems. IET Control Theory and Applications, 2012, 6, 1870-1880.	2.1	58
187	Feedback predictive control for constrained fuzzy systems with Markovian jumps. Asian Journal of Control, 2012, 14, 795-806.	3.0	2
188	Sampled-data predictive control for uncertain jump systems with partly unknown jump rates and time-varying delay. Journal of the Franklin Institute, 2012, 349, 305-322.	3.4	16
189	Robust H_{∞} output feedback control of networked control systems with multiple quantizers. Journal of the Franklin Institute, 2012, 349, 1153-1173.	3.4	16
190	GA-based nonlinear predictive switching control for a boiler-turbine system. Journal of Control Theory and Applications, 2012, 10, 100-106.	0.8	21
191	Robust H_{∞} Synchronization Design of Nonlinear Coupled Network via Fuzzy Interpolation Method. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 349-362.	5.4	50
192	Robust H_{∞} output feedback control of networked control systems with multiple quantizers. , 2011, , .		2
193	A nonlinear static output controller design for polynomial systems: An iterative sums of squares approach. , 2011, , .		5
194	Sensor fault detection and isolation for a class of nonlinear systems using sliding mode observer. , 2011, , .		1
195	Nonlinear H_{∞} static output feedback controller design for polynomial systems: An iterative sums of squares approach. , 2011, , .		8
196	Robust H_{∞} output feedback control of discrete-time networked systems with limited information. Systems and Control Letters, 2011, 60, 845-853.	2.3	40
197	Static output feedback controller design for uncertain polynomial systems: an iterative sums of squares approach. IET Control Theory and Applications, 2011, 5, 1079-1084.	2.1	28
198	Multiple soft-switching operating points-based power flow control of contactless power transfer systems. IET Power Electronics, 2011, 4, 725.	2.1	13

#	ARTICLE	IF	CITATIONS
199	A general modeling method for V characteristics of geometrically and electrically configured photovoltaic arrays. <i>Energy Conversion and Management</i> , 2011, 52, 3439-3445.	9.2	61
200	Pole vault performance for anthropometric variability via a dynamical optimal control model. <i>Journal of Biomechanics</i> , 2011, 44, 436-441.	2.1	7
201	Robust H_2 output feedback control of discrete-time networked systems with adaptive quantizers. , 2011, , .		1
202	Nonlinear static output feedback controller design for uncertain polynomial systems: An iterative sums of squares approach. , 2011, , .		9
203	Robust H_∞ output feedback control of networked control systems with dynamic quantizers. , 2011, , .		0
204	Robust partially mode delay-dependent H_2 output feedback control of discrete-time networked control systems. , 2011, , .		0
205	Nonlinear robust H_∞ static output feedback controller design for parameter dependent polynomial systems: An iterative sum of squares approach. , 2011, , .		5
206	Reconstruction of actuator fault for a class of nonlinear systems using sliding mode observer. , 2011, , .		3
207	Robust H_2 output feedback control of discrete-time networked systems with adaptive quantizers. , 2011, , .		1
208	Quantized robust H_2 control of discrete-time systems with random communication delays. <i>International Journal of Systems Science</i> , 2011, 42, 129-138.	5.5	25
209	Robust disturbance attenuation for uncertain nonlinear networked control systems. <i>Journal of Control Theory and Applications</i> , 2010, 8, 40-51.	0.8	0
210	Effect of Rayleigh fading on non-coherent sequence synchronization for multi-user chaos based DS-CDMA. <i>Signal Processing</i> , 2010, 90, 1924-1939.	3.7	73
211	Robust tracking control of boiler-turbine systems. <i>ISA Transactions</i> , 2010, 49, 369-375.	5.7	61
212	Robust fault estimator design for uncertain networked control systems with random time delays: An ILMI approach. <i>Information Sciences</i> , 2010, 180, 465-480.	6.9	49
213	Synthesis of a robust H_2 fuzzy filter for uncertain nonlinear dynamical systems. , 2010, , .		3
214	The simulated dynamical photovoltaic array systems. , 2010, , .		1
215	Guaranteed cost nonlinear tracking control of a boiler-turbine unit: an LMI approach. <i>International Journal of Systems Science</i> , 2010, 41, 889-895.	5.5	26
216	Robust mode delay-dependent H_2 control of discrete-time systems with random communication delays. <i>IET Control Theory and Applications</i> , 2010, 4, 936-944.	2.1	42

#	ARTICLE	IF	CITATIONS
217	Quantised robust \hat{a}, \hat{z} output feedback control of discrete-time systems with random communication delays. IET Control Theory and Applications, 2010, 4, 2252-2262.	2.1	18
218	Comments on "Fuzzy \mathcal{H}_∞ Tracking Control for Nonlinear Networked Control Systems in Tâ€S Fuzzy Model. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 957-957.	5.0	25
219	Analysis of a Chaos-Based Non-Coherent Delay Lock Tracking Loop. , 2010, , .		6
220	A general modeling method that simulates photovoltaic arrays for environmental and electrical variability. , 2010, , .		4
221	Robust partially mode delay dependent ∞ control of discrete-time networked control systems. , 2010, , .		3
222	PI power control for CDMA cellular communication systems. , 2009, , .		0
223	Robust Control for Uncertain Networked Control Systems with Random Delays. Lecture Notes in Control and Information Sciences, 2009, , .	1.0	35
224	An Improved Taylor Method for Frequency Measurement in Power Systems. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3288-3294.	4.7	23
225	Dynamic output feedback control for uncertain networked control systems with random network-induced delays. International Journal of Control, Automation and Systems, 2009, 7, 841-847.	2.7	13
226	Robust Disturbance Attenuation with Stabilization for Uncertain Networked Control Systems. Circuits, Systems, and Signal Processing, 2009, 28, 65-83.	2.0	4
227	H_∞ fuzzy tracking control for boiler-turbine systems. , 2009, , .		5
228	Robust fuzzy filter design for uncertain nonlinear networked control systems with random time-delays. , 2009, , .		1
229	Quantized robust H_∞ control of discrete-time systems with random communication delays. , 2009, , .		3
230	Best pole vaulting using non-causal dynamics. , 2009, , .		2
231	Quantised robust H_∞ output feedback control of discrete-time systems with random communication delays. , 2009, , .		5
232	Determining Multiple Steady-State ZCS Operating Points of a Switch-Mode Contactless Power Transfer System. IEEE Transactions on Power Electronics, 2009, 24, 416-425.	7.9	105
233	Robust Fuzzy Filter Design for Uncertain Nonlinear Networked Control Systems. Lecture Notes in Control and Information Sciences, 2009, , 129-136.	1.0	0
234	fuzzy state-feedback control design for nonlinear systems with -stability constraints: An LMI approach. Mathematics and Computers in Simulation, 2008, 78, 514-531.	4.4	55

#	ARTICLE	IF	CITATIONS
235	Parameter estimation of exponentially damped sinusoids using HSVD based extended complex Kalman filter. , 2008, , .		5
236	Robust disturbance attenuation for uncertain networked control systems with random time delays. IET Control Theory and Applications, 2008, 2, 1008-1023.	2.1	23
237	Robust output feedback control for networked control systems with network-induced delays and packet drop-outs. , 2008, , .		0
238	Robust Fault Estimation for Uncertain Networked Control Systems with Random Time-Delays. , 2008, , .		1
239	Robust disturbance attenuation for uncertain networked control systems. , 2008, , .		1
240	State Feedback Control of Uncertain Networked Control Systems With Random Time Delays. IEEE Transactions on Automatic Control, 2008, 53, 829-834.	5.7	174
241	Neural network implementation using uniformly weighted bit-streams. , 2008, , .		4
242	Adaptive steering and roll damping control for yachts. International Journal of Modelling, Identification and Control, 2008, 5, 113.	0.2	1
243	Bit-Streams: Applications in Neural Network Implementation. Proceedings of the American Control Conference, 2007, , .	0.0	2
244	Fuzzy Control of Uncertain Nonlinear Networked Control Systems with Random Time-delays. Proceedings of the American Control Conference, 2007, , .	0.0	8
245	Delay-dependent \hat{a} filtering for uncertain time delay nonlinear systems: an LMI approach. IET Control Theory and Applications, 2007, 1, 133-140.	2.1	51
246	Robust \hat{a} control design for fuzzy singularly perturbed systems with Markovian jumps: an LMI approach. IET Control Theory and Applications, 2007, 1, 893-908.	2.1	74
247	Fault Detection for Uncertain Fuzzy Systems: An LMI Approach. IEEE Transactions on Fuzzy Systems, 2007, 15, 1251-1262.	9.8	239
248	Neural Network Implementation Using Bit Streams. IEEE Transactions on Neural Networks, 2007, 18, 1488-1504.	4.2	27
249	State feedback control of uncertain networked control systems with random time-delays. , 2007, , .		2
250	Robust \hat{H} fuzzy filter design for uncertain nonlinear singularly perturbed systems with Markovian jumps: An LMI approach. Information Sciences, 2007, 177, 1699-1714.	6.9	94
251	Static output feedback controller design for fuzzy systems: An ILMI approach. Information Sciences, 2007, 177, 3005-3015.	6.9	76
252	Low cost sensor for volume and surface area computation of axi-symmetric agricultural products. Journal of Food Engineering, 2007, 79, 870-877.	5.2	63

#	ARTICLE	IF	CITATIONS
253	\hat{A} , \hat{K} Filter for Uncertain Markovian Jump Nonlinear Systems: An LMI Approach. Circuits, Systems, and Signal Processing, 2007, 26, 853-874.	2.0	19
254	Parity relation based fault estimation for nonlinear systems: An LMI approach. International Journal of Automation and Computing, 2007, 4, 164-168.	4.5	36
255	Parity Relation Based Fault Estimation for Nonlinear Systems: An LMI Approach1. , 2007, , 366-371.		5
256	Delay dependent fault estimation for uncertain time delay nonlinear systems: an LMI approach. , 2006, , .		0
257	Robust nonlinear control of sampled-data systems. International Journal of Systems Science, 2006, 37, 1039-1049.	5.5	5
258	Robust H_{∞} static output feedback control of fuzzy systems: an ILMI approach. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 216-222.	5.0	104
259	Response to comments on " H_{∞} fuzzy control design for nonlinear singularly perturbed systems with pole placement constraints: an LMI Approach". IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 963-964.	5.0	2
260	Fuzzy H_{∞} output feedback control design for singularly perturbed systems with pole placement constraints: an LMI approach. IEEE Transactions on Fuzzy Systems, 2006, 14, 361-371.	9.8	86
261	A floating-point FPGA-based self-tuning regulator. IEEE Transactions on Industrial Electronics, 2006, 53, 693-704.	7.9	36
262	Stochastic Stability of Ito Differential Equations With Semi-Markovian Jump Parameters. IEEE Transactions on Automatic Control, 2006, 51, 1383-1387.	5.7	183
263	PARITY RELATION BASED FAULT ESTIMATION FOR NONLINEAR SYSTEMS: AN LMI APPROACH 1. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 366-371.	0.4	4
264	Delay-dependent fault estimation for uncertain time-delay nonlinear systems: an LMI approach. International Journal of Robust and Nonlinear Control, 2006, 16, 913-933.	3.7	103
265	Robust H_{∞} output feedback control design for fuzzy dynamic systems with quadratic D stability constraints: An LMI approach. Information Sciences, 2006, 176, 2161-2191.	6.9	109
266	Analysis of the effects of time delay in nonlinear systems using generalised frequency response functions. Journal of Sound and Vibration, 2006, 294, 341-354.	3.9	9
267	Robust filtering for jumping systems with mode-dependent delays. Signal Processing, 2006, 86, 140-152.	3.7	230
268	The mathematical modelling of the rehydration characteristics of fruits. Journal of Food Engineering, 2006, 72, 16-23.	5.2	66
269	Robust H_{∞} Output Feedback Control Design for Takagi-Sugeno Systems with Markovian Jumps: A Linear Matrix Inequality Approach. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2006, 128, 617-625.	1.6	16
270	Bit-Streams: Fuzzy Controller Implementation for Motor Control. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
271	Delay-Dependent H/spl infin/ filtering for Uncertain Time Delay Nonlinear Systems: An LMI Approach. , 2006, , .		2
272	Parity based fault estimation for nonlinear systems: an LMI approach. , 2006, , .		1
273	Optimization of Fed-batch Culture of Hybridoma Cells using Genetic Algorithms. , 2006, , 17-27.		0
274	On-line Identification and Optimization of Feed Rate Profiles for Fed-batch Culture of Hybridoma Cells. , 2006, , 29-40.		0
275	On-line Softsensor Development for Biomass Measurements using Dynamic Neural Networks. , 2006, , 41-56.		0
276	Optimization of Fed-batch Fermentation Processes using Genetic Algorithms based on Cascade Dynamic Neural Network Models. , 2006, , 57-70.		0
277	Experimental Validation of Cascade Recurrent Neural Network Models. , 2006, , 71-89.		0
278	Designing and Implementing Optimal Control of Fed-batch Fermentation Processes. , 2006, , 91-108.		0
279	ROBUST H $\hat{\alpha}$ OUTPUT FEEDBACK CONTROL DESIGN FOR UNCERTAIN FUZZY SYSTEMS WITH D STABILITY CONSTRAINTS: AN LMI APPROACH. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 431-436.	0.4	1
280	FAULT DETECTION FILTER FOR UNCERTAIN FUZZY SYSTEMS: AN LMI APPROACH. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 227-232.	0.4	5
281	ROBUST H $\hat{\alpha}$ STATIC OUTPUT FEEDBACK CONTROL OF FUZZY SYSTEMS: AN ILMI APPROACH. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 826-831.	0.4	10
282	Prototyping Neuroadaptive Smart Antenna for 3G Wireless Communications. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	3
283	H $\hat{\alpha}$ Output Feedback Control Design for Uncertain Fuzzy Systems with Multiple Time Scales: An LMI Approach. European Journal of Control, 2005, 11, 157-166.	2.6	8
284	Online Implementation of Servo Controllers Using Bit-Streams. , 2005, , .		23
285	Robust H/sub /spl infin// control design for fuzzy singularly perturbed systems with Markovian jumps: an LMI approach. , 2004, , .		7
286	Effect of renal perfusion pressure on responses of intrarenal blood flow to renal nerve stimulation in rabbits. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 35-45.	1.9	10
287	Soft sensors for on-line biomass measurements. Bioprocess and Biosystems Engineering, 2004, 26, 191-195.	3.4	37
288	$\langle \text{mml:math altimg="si6.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	5.0	28

#	ARTICLE	IF	CITATIONS
289	Modelling and optimization of fed-batch fermentation processes using dynamic neural networks and genetic algorithms. <i>Biochemical Engineering Journal</i> , 2004, 22, 51-61.	3.6	94
290	Robust H_{∞} fuzzy filter design for uncertain nonlinear singularly perturbed systems with Markovian jumps: an LMI approach. , 2004, , .		0
291	H_{∞} Filtering for Fuzzy Singularly Perturbed Systems with Pole Placement Constraints: An LMI Approach. <i>IEEE Transactions on Signal Processing</i> , 2004, 52, 1659-1667.	5.3	112
292	H_{∞} Fuzzy Control Design for Nonlinear Singularly Perturbed Systems With Pole Placement Constraints: An LMI Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004, 34, 579-588.	5.0	76
293	H_{∞} output feedback control design for uncertain fuzzy singularly perturbed systems: an LMI approach. <i>Automatica</i> , 2004, 40, 2147-2152.	5.0	99
294	DOSING CONTROL FOR COAGULATION IN A RAPID MIXER: COMPARISON OF PID AND MODEL PREDICTIVE CONTROL. , 2004, , .		0
295	Robust disturbance attenuation for discrete-time active fault tolerant control systems with uncertainties. <i>Optimal Control Applications and Methods</i> , 2003, 24, 85-101.	2.1	70
296	Fuzzy H_{∞} output feedback control of nonlinear systems under sampled measurements. <i>Automatica</i> , 2003, 39, 2169-2174.	5.0	102
297	Robust H_{∞} control for linear Markovian jump systems with unknown nonlinearities. <i>Journal of Mathematical Analysis and Applications</i> , 2003, 282, 241-255.	1.0	51
298	H_{∞} Output feedback control of fuzzy system models under sampled measurements. <i>Computers and Mathematics With Applications</i> , 2003, 46, 705-717.	2.7	42
299	H_{∞} filtering for fuzzy dynamical systems with D stability constraints. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003, 50, 1503-1508.	0.1	175
300	H_{∞} fuzzy output feedback control design for nonlinear systems: an lmi approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2003, 11, 331-340.	9.8	322
301	Robust output feedback stabilization of a class of time-varying non-linear systems. <i>International Journal of Systems Science</i> , 2002, 33, 585-597.	5.5	0
302	Robust stabilization of binary distillation columns with input constraints. <i>International Journal of Systems Science</i> , 2002, 33, 759-765.	5.5	0
303	Backstepping Control for a Class of Power Systems. <i>Systems Analysis Modelling Simulation</i> , 2002, 42, 825-849.	0.1	4
304	H_{∞} Control of Fuzzy System Models Using Linear Output Controllers. <i>Systems Analysis Modelling Simulation</i> , 2002, 42, 1439-1453.	0.1	7
305	Dynamic baroreflex control of blood pressure: influence of the heart vs. peripheral resistance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R533-R542.	1.8	30
306	Comments on "Robust stabilization of a class time-delay nonlinear systems". <i>IEEE Transactions on Automatic Control</i> , 2002, 47, 1586-1586.	5.7	52

#	ARTICLE	IF	CITATIONS
307	On-line identification and optimization of feed rate profiles for high productivity fed-batch culture of hybridoma cells using genetic algorithms. ISA Transactions, 2002, 41, 409-419.	5.7	13
308	Control of continuous fermenters under input constraints. International Journal of Systems Science, 2001, 32, 313-320.	5.5	0
309	Characterization of the Effect of Corrugation Angles on Hydrodynamic and Heat Transfer Performance of Four-Start Spiral Tubes. Journal of Heat Transfer, 2001, 123, 1149-1158.	2.1	27
310	H ∞ control of free-radical polymerisation reactors. ISA Transactions, 2001, 40, 73-84.	5.7	0
311	Optimisation of fed-batch culture of hybridoma cells using genetic algorithms. ISA Transactions, 2001, 40, 381-389.	5.7	21
312	Comments on "Robust stabilization of uncertain input-delay systems by sliding mode control with delay compensation". Automatica, 2001, 37, 1677.	5.0	45
313	H ∞ filtering design for uncertain nonlinear systems under sampled measurements. International Journal of Systems Science, 2001, 32, 889-898.	5.5	3
314	H ∞ filtering design for uncertain nonlinear systems under sampled measurements. International Journal of Systems Science, 2001, 32, 889-898.	5.5	2
315	On designing filters for uncertain sampled-data nonlinear systems. Systems and Control Letters, 2000, 41, 305-316.	2.3	34
316	Nonlinear H ∞ filtering of sampled-data systems. Automatica, 2000, 36, 303-310.	5.0	62
317	Extremum seeking scheme for continuous fermentation processes described by an unstructured fermentation model. Bioprocess and Biosystems Engineering, 2000, 23, 417-420.	3.4	10
318	Simultaneous deadbeat-tracking control of three plants: Multivariable case. International Journal of Control, 2000, 73, 361-370.	1.9	0
319	Robust stabilization of a class of time-delay nonlinear systems. IEEE Transactions on Automatic Control, 2000, 45, 756-762.	5.7	246
320	Resonance in the renal vasculature evoked by activation of the sympathetic nerves. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1311-R1319.	1.8	24
321	On designing H ∞ controller for a class of nonlinear Markovian jump systems with parametric uncertainties. , 1999, , .		1
322	Robust filtering: A model matching approach. International Journal of Systems Science, 1999, 30, 1143-1151.	5.5	1
323	Robust H ∞ control of a class of continuous fermentation processes. Applied Mathematics Letters, 1999, 12, 61-69.	2.7	1
324	H ∞ filtering of nonlinear sampled-data systems with parameter uncertainties. , 1999, , .		0

#	ARTICLE	IF	CITATIONS
325	Simultaneous deadbeat tracking control for multivariable system. , 1999, , .		0
326	Nonlinear H^{∞} filtering of sampled-data systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 2385-2390.	0.4	1
327	Simultaneous deadbeat tracking control of three plants. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 3313-3318.	0.4	0
328	Robust global L_2 -gain control of structural non-linear systems. International Journal of Control, 1999, 72, 1033-1042.	1.9	4
329	H_{∞} control of nonlinear sampled-data systems. , 1999, , .		0
330	Global quadratic stabilization of a class of nonlinear systems. International Journal of Robust and Nonlinear Control, 1998, 8, 483-497.	3.7	10
331	Recursive least squares scheme for operating a class of continuous fermentation processes at optimal steady state productivity. Journal of Chemical Technology and Biotechnology, 1998, 73, 227-232.	3.2	0
332	High frequency multi-input periodic operation of continuous fermentation process. Journal of Chemical Technology and Biotechnology, 1998, 73, 233-236.	3.2	3
333	Simple procedure for operating a class of continuous fermentation processes at the optimal steady state productivity. Biochemical Engineering Journal, 1998, 1, 131-136.	3.6	7
334	Exploring the reaction kinetics of whey protein denaturation/aggregation by assuming the denaturation step is reversible. Biochemical Engineering Journal, 1998, 2, 63-69.	3.6	25
335	High frequency multi-input periodic operation of continuous fermentation process. Journal of Chemical Technology and Biotechnology, 1998, 73, 233-236.	3.2	0
336	Global quadratic stabilization of a class of nonlinear systems. International Journal of Robust and Nonlinear Control, 1998, 8, 483-497.	3.7	0
337	Simple Substrate Feeding Rate Control Mechanism for Optimizing the Steady State Productivity of a Class of Continuous Fermentation Processes. Biotechnology Progress, 1997, 13, 200-204.	2.6	3
338	GLOBAL ROBUST H^{∞} CONTROL OF A CLASS OF NONLINEAR SYSTEMS. International Journal of Robust and Nonlinear Control, 1997, 7, 75-84.	3.7	16
339	Robust nonlinear H_{∞} -output feedback control. IEEE Transactions on Automatic Control, 1996, 41, 1003-1007.	5.7	46
340	Robust nonlinear H^{∞} filtering. Automatica, 1996, 32, 1195-1199.	5.0	71
341	Robust stabilisation for a class of time-delay nonlinear systems. IET Control Theory and Applications, 1994, 141, 285-288.	1.7	9
342	Robust H_{∞} control of a class of nonlinear systems with delayed state and control: a LMI approach. , 0, , .		7

#	ARTICLE	IF	CITATIONS
343	Robust H_{∞} control for a class of nonlinear systems: a LMI approach. , 0, , .		2
344	A floating-point all hardware self-tuning regulator for second order systems. , 0, , .		0
345	Fuzzy observer-based controller design for singularly perturbed nonlinear systems: an LMI approach. , 0, , .		9
346	Digital realization of analogue computing elements using bit streams. , 0, , .		1
347	Bit streams: an alternative approach to digital controller implementation. , 0, , .		3
348	Fuzzy H_{∞} output feedback control design for singularly perturbed systems: an LMI approach. , 0, , .		3
349	H_{∞} fuzzy filter design for uncertain nonlinear systems with Markovian jumps: an LMI approach. , 0, , .		4
350	Robust H_{∞} control design for uncertain fuzzy systems with Markovian jumps: an LMI approach. , 0, , .		17
351	State Feedback Guaranteed Cost Control of Uncertain Networked Control Systems. , 0, , .		2
352	Static Output Feedback Controller Design for Fuzzy Systems: An ILMI Approach. , 0, , .		0
353	Design of auto-tuning capacitive power transfer system for wireless power transfer. International Journal of Electronics, 0, , 1-16.	1.4	2
354	Fuzzy H_{∞} output feedback control of nonlinear systems under sampled measurements. , 0, , .		2
355	H_{∞} fuzzy output feedback control design for nonlinear systems: an LMI approach. , 0, , .		1
356	Multiple Fuzzy Parameters Nonlinear Seepage model for Shale Gas Reservoirs. International Journal of Fuzzy Systems, 0, , .	4.0	0