

Sing-Kiong Nguang

List of Publications by Year in descending order

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354
papers

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times ranked

5000
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Event-Triggered Output-Feedback Control for Synchronization of Delayed Neural Networks. IEEE Transactions on Cybernetics, 2023, 53, 5618-5630. | 6.2 | 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. | 6.2 | 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. | 7.2 | 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. | 7.2 | 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. | 5.9 | 32 |
| 6 | Observer-Based Dissipativity Control for T \hat{S} Fuzzy Neural Networks With Distributed Time-Varying Delays. IEEE Transactions on Cybernetics, 2021, 51, 5248-5258. | 6.2 | 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. | 5.9 | 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. | 7.2 | 95 |
| 9 | Weighted Integral Event-Triggered Synchronization of Neural Networks With Mixed Delays. IEEE Transactions on Industrial Informatics, 2021, 17, 2365-2375. | 7.2 | 24 |
| 10 | Finite-time stability of coupled impulsive neural networks with time-varying delays and saturating actuators. Neurocomputing, 2021, 453, 590-598. | 3.5 | 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. | 1.1 | 14 |
| 12 | Dual sensing scheduling algorithm for WSN based road network surveillance. AIMS Electronics and Electrical Engineering, 2021, 5, 38-54. | 0.8 | 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. | 7.2 | 51 |
| 14 | Delta-Modulator-Based Quantised State Feedback Controller for T \hat{S} Fuzzy Networked Systems. International Journal of Fuzzy Systems, 2021, 23, 642-656. | 2.3 | 6 |
| 15 | Distributed localization algorithm for wireless sensor networks using range lookup and subregion stitching. IET Wireless Sensor Systems, 2021, 11, 179-205. | 1.3 | 2 |
| 16 | Machine learning-based inverse predictive model for AFP based thermoplastic composites. Journal of Industrial Information Integration, 2021, 22, 100197. | 4.3 | 9 |
| 17 | Efficient activation functions for embedded inference engines. Neurocomputing, 2021, 442, 73-88. | 3.5 | 8 |
| 18 | Stochastic exponential synchronization for delayed neural networks with semi-Markovian switchings: Saturated heterogeneous sampling communication. Nonlinear Analysis: Hybrid Systems, 2021, 41, 101028. | 2.1 | 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. | 7.2 | 39 |
| 20 | Machine Learning Based Predictive Model for AFP-Based Unidirectional Composite Laminates. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2315-2324. | 7.2 | 24 |
| 21 | H ∞ bumpless transfer reliable control of Markovian switching LPV systems subject to actuator failures. <i>Information Sciences</i> , 2020, 512, 431-445. | 4.0 | 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. | 3.6 | 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. | 2.2 | 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. | 3.6 | 70 |
| 25 | Underground Communications Using Capacitive Data Transfer Devices. <i>Journal of Sensors</i> , 2020, 2020, 1-11. | 0.6 | 4 |
| 26 | Dissipative stabilization of linear systems with time-varying general distributed delays. <i>Automatica</i> , 2020, 122, 109227. | 3.0 | 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. | 2.6 | 12 |
| 28 | Delta-Modulator-Based Quantised Output Feedback Controller for Linear Networked Control Systems. <i>IEEE Access</i> , 2020, 8, 175169-175179. | 2.6 | 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. | 2.6 | 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. | 1.1 | 4 |
| 31 | Location-based data delivery between vehicles and infrastructure. <i>IET Intelligent Transport Systems</i> , 2020, 14, 288-296. | 1.7 | 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. | 2.6 | 6 |
| 33 | Nonsingular Fast Terminal Adaptive Neuro-sliding Mode Control for Spacecraft Formation Flying Systems. <i>Complexity</i> , 2020, 2020, 1-15. | 0.9 | 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. | 3.7 | 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. | 4.0 | 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. | 7.2 | 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. | 5.9 | 3 |
| 38 | Impulsive synchronization of coupled delayed neural networks with actuator saturation and its application to image encryption. Neural Networks, 2020, 128, 158-171. | 3.3 | 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. | 7.2 | 7 |
| 44 | Robust H_2 Control of Linear Systems With Mismatched Quantization. IEEE Transactions on Automatic Control, 2019, 64, 1702-1709. | 3.6 | 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. | 0.9 | 0 |
| 47 | Design and Advanced Control of Intelligent Large-Scale Hydraulic Synchronization Lifting Systems. Journal of Control Science and Engineering, 2019, 2019, 1-10. | 0.8 | 1 |
| 48 | Robust H_∞ Output Feedback Control of a Rotary Capacitive Power Transfer System. IEEE Access, 2019, 7, 113452-113462. | 2.6 | 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. | 6.5 | 64 |
| 50 | Cascaded Boostâ€Classâ€E for rotary capacitive power transfer system. Journal of Engineering, 2019, 2019, 3742-3748. | 0.6 | 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. | 0.9 | 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. | 0.9 | 14 |
| 62 | Stability Analysis of Genetic Regulatory Networks With General Random Disturbances. IEEE Transactions on Nanobioscience, 2019, 18, 128-135. | 2.2 | 35 |
| 63 | Fault detection filtering for nonlinear switched systems via event-triggered communication approach. Automatica, 2019, 101, 365-376. | 3.0 | 122 |
| 64 | Reliable H_{∞} output control of nonlinear systems with dynamic event-triggered scheme. Journal of the Franklin Institute, 2019, 356, 58-79. | 1.9 | 12 |
| 65 | Passive actuator fault tolerant control for a class of MIMO nonlinear systems with uncertainties. International Journal of Control, 2019, 92, 693-704. | 1.2 | 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. | 5.9 | 53 |
| 67 | Stabilisation of discrete-time polynomial fuzzy systems via a polynomial lyapunov approach. International Journal of Systems Science, 2018, 49, 557-566. | 3.7 | 2 |
| 68 | Takagi-Sugeno fuzzy model identification for turbofan aero-engines with guaranteed stability. Chinese Journal of Aeronautics, 2018, 31, 1206-1214. | 2.8 | 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. | 6.5 | 40 |
| 70 | Distributed Filtering for Discrete-Time T-S Fuzzy Systems With Incomplete Measurements. IEEE Transactions on Fuzzy Systems, 2018, 26, 1459-1471. | 6.5 | 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. | 0.9 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Robust H_{∞} Control of Discrete-Time Nonhomogeneous Markovian Jump Systems via Multistep Lyapunov Function Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1439-1450. | 0.8 | 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. | 2.1 | 5 |
| 75 | Dissipative delay range analysis of coupled differential-difference delay systems with distributed delays. Systems and Control Letters, 2018, 116, 56-65. | 1.3 | 5 |
| 76 | Robust H_{∞} gain codesign of networked control systems. International Journal of Robust and Nonlinear Control, 2018, 28, 4681-4695. | 2.1 | 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. | 1.2 | 17 |
| 78 | Robust video tracking algorithm: a multi-feature fusion approach. IET Computer Vision, 2018, 12, 640-650. | 1.3 | 14 |
| 79 | Finite-time attitude quantised control for rigid spacecraft. International Journal of Systems Science, 2018, 49, 2328-2340. | 3.7 | 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. | 0.2 | 1 |
| 81 | Stability of a Class of Multiagent Tracking Systems With Unstable Subsystems. IEEE Transactions on Cybernetics, 2017, 47, 2193-2202. | 6.2 | 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. | 2.1 | 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. | 0.5 | 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. | 5.9 | 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. | 1.5 | 20 |
| 86 | Cooperative control of multi-agent systems with variable number of tracking agents. IET Control Theory and Applications, 2017, 11, 1922-1927. | 1.2 | 8 |
| 87 | LQG control of capacitive power transfer system. , 2017, , . | | 4 |
| 88 | Robust H_{∞} Control of Discrete-Time Nonhomogeneous Markovian Jump Systems via Multistep Lyapunov Function Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1439-1450. | 5.9 | 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. | 3.6 | 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. | 2.6 | 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. | 0.9 | 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. | 1.3 | 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. | 2.4 | 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. | 1.3 | 28 |
| 107 | Cooperative relay tracking strategy for multi-agent systems with assistance of Voronoi diagrams. Journal of the Franklin Institute, 2016, 353, 4422-4441. | 1.9 | 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. | 0.4 | 0 |
| 110 | Robust Estimation of Actuator Faults. <i>Advances in Industrial Control</i> , 2016, , 57-85. | 0.4 | 0 |
| 111 | Robust Estimation of Sensor Faults. <i>Advances in Industrial Control</i> , 2016, , 87-114. | 0.4 | 0 |
| 112 | Simultaneous Estimation of Actuator and Sensor Faults Using SMO and AO. <i>Advances in Industrial Control</i> , 2016, , 115-144. | 0.4 | 1 |
| 113 | Simultaneous Estimation of Actuator and Sensor Faults for Descriptor Systems. <i>Advances in Industrial Control</i> , 2016, , 165-197. | 0.4 | 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. | 3.7 | 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. | 1.2 | 33 |
| 116 | Occupancy Inference Using Pyroelectric Infrared Sensors Through Hidden Markov Models. <i>IEEE Sensors Journal</i> , 2016, 16, 1062-1068. | 2.4 | 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. | 1.6 | 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. | 4.0 | 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. | 3.7 | 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. | 3.5 | 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. | 0.3 | 4 |
| 123 | Design of Capacitive Power Transfer Using a Class-E Resonant Inverter. <i>Journal of Power Electronics</i> , 2016, 16, 1678-1688. | 0.9 | 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. | 0.5 | 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. | 0.5 | 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. | 1.9 | 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. | 1.6 | 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. | 2.1 | 37 |
| 132 | A Novel Observer-Based Output Feedback Controller Design for Discrete-Time Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 223-229. | 6.5 | 100 |
| 133 | High-order tracking problem with a time-varying topology and communication delays. Neurocomputing, 2015, 149, 1360-1369. | 3.5 | 14 |
| 134 | Robust Sliding Mode Observer based Fault Estimation for Certain Class of Uncertain Nonlinear Systems. Asian Journal of Control, 2015, 17, 1296-1309. | 1.9 | 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. | 1.9 | 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. | 0.7 | 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. | 1.2 | 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. | 1.1 | 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. | 1.2 | 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. | 1.9 | 17 |
| 146 | Adaptive sliding mode control for a class of MIMO nonlinear systems with uncertainties. Journal of the Franklin Institute, 2014, 351, 2048-2061. | 1.9 | 66 |
| 147 | Finite-time boundedness for uncertain discrete neural networks with time-delays and Markovian jumps. Neurocomputing, 2014, 140, 1-7. | 3.5 | 58 |
| 148 | Robust H^∞ adaptive descriptor observer design for fault estimation of uncertain nonlinear systems. Journal of the Franklin Institute, 2014, 351, 5162-5181. | 1.9 | 5 |
| 149 | Asynchronous H_2 filtering of switched time-delay systems with network induced random occurrences. Signal Processing, 2014, 98, 62-73. | 2.1 | 16 |
| 150 | SOS Based Robust H^∞ Fuzzy Dynamic Output Feedback Control of Nonlinear Networked Control Systems. IEEE Transactions on Cybernetics, 2014, 44, 1204-1213. | 6.2 | 70 |
| 151 | Robust H^∞ adaptive descriptor observer design for fault estimation of uncertain nonlinear systems. Journal of the Franklin Institute, 2014, 351, 5162-5181. | 1.9 | 42 |
| 152 | Simultaneous robust actuator and sensor fault estimation for uncertain nonlinear Lipschitz systems. IET Control Theory and Applications, 2014, 8, 1364-1374. | 1.2 | 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. | 1.5 | 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. | 1.2 | 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. | 1.2 | 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. | 1.6 | 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. | 1.7 | 18 |
| 159 | Novel delay-dependent stability criterion for time-varying delay systems with parameter uncertainties and nonlinear perturbations. Information Sciences, 2014, 281, 321-333. | 4.0 | 31 |
| 160 | Exponential convergence analysis of uncertain genetic regulatory networks with time-varying delays. ISA Transactions, 2014, 53, 1544-1553. | 3.1 | 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. | 1.9 | 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. | 2.1 | 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. | 1.9 | 14 |
| 164 | Induced L_2 filtering of fuzzy stochastic systems with time-varying delays. <i>IEEE Transactions on Cybernetics</i> , 2013, 43, 1251-1264. | 6.2 | 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. | 1.2 | 3 |
| 166 | Novel delay-dependent stability criterion for uncertain genetic regulatory networks with interval time-varying delays. <i>Neurocomputing</i> , 2013, 121, 170-178. | 3.5 | 19 |
| 167 | Robust delay-probability-distribution-dependent stability of uncertain genetic regulatory networks with time-varying delays. <i>Neurocomputing</i> , 2013, 119, 153-164. | 3.5 | 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. | 1.9 | 33 |
| 170 | Robust sensor fault estimation scheme for satellite attitude control systems. <i>Journal of the Franklin Institute</i> , 2013, 350, 2581-2604. | 1.9 | 98 |
| 171 | Principles, Design, and Calibration for a Genre of Irradiation Angle Sensors. <i>IEEE Transactions on Industrial Electronics</i> , 2013, 60, 210-216. | 5.2 | 10 |
| 172 | Shifting stable operating points of bifurcated IPT systems by time delay perturbation. <i>Electronics Letters</i> , 2013, 49, 615-617. | 0.5 | 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. | 3.7 | 4 |
| 176 | Accurate performance analysis of chaos-based code tracking in presence of multipath fading. <i>Electronics Letters</i> , 2012, 48, 238. | 0.5 | 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. | 2.1 | 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. | 3.5 | 29 |
| 185 | Accurate Derivation of Chaos-Based Acquisition Performance in a Fading Channel. IEEE Transactions on Wireless Communications, 2012, 11, 722-731. | 6.1 | 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. | 1.2 | 58 |
| 187 | Feedback predictive control for constrained fuzzy systems with Markovian jumps. Asian Journal of Control, 2012, 14, 795-806. | 1.9 | 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. | 1.9 | 16 |
| 189 | Robust H_{∞} output feedback control of networked control systems with multiple quantizers. Journal of the Franklin Institute, 2012, 349, 1153-1173. | | 0 |
| 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. | 3.5 | 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. | 1.3 | 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. | 1.2 | 28 |
| 198 | Multiple soft-switching operating points-based power flow control of contactless power transfer systems. IET Power Electronics, 2011, 4, 725. | 1.5 | 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. | 4.4 | 61 |
| 200 | Pole vault performance for anthropometric variability via a dynamical optimal control model. <i>Journal of Biomechanics</i> , 2011, 44, 436-441. | 0.9 | 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. | 3.7 | 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. | 2.1 | 73 |
| 211 | Robust tracking control of boiler-turbine systems. <i>ISA Transactions</i> , 2010, 49, 369-375. | 3.1 | 61 |
| 212 | Robust fault estimator design for uncertain networked control systems with random time delays: An LMI approach. <i>Information Sciences</i> , 2010, 180, 465-480. | 4.0 | 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. | 3.7 | 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. | 1.2 | 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. | 1.2 | 18 |
| 218 | Comments on "Fuzzy \mathcal{H}_∞ Tracking Control for Nonlinear Networked Control Systems in T \hat{a} S Fuzzy Model. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 957-957. | 5.5 | 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, , . | 0.6 | 35 |
| 224 | An Improved Taylor Method for Frequency Measurement in Power Systems. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3288-3294. | 2.4 | 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. | 1.6 | 13 |
| 226 | Robust Disturbance Attenuation with Stabilization for Uncertain Networked Control Systems. Circuits, Systems, and Signal Processing, 2009, 28, 65-83. | 1.2 | 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. | 5.4 | 105 |
| 233 | Robust Fuzzy Filter Design for Uncertain Nonlinear Networked Control Systems. Lecture Notes in Control and Information Sciences, 2009, , 129-136. | 0.6 | 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. | 2.4 | 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. | 1.2 | 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. | 3.6 | 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. | 1.2 | 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. | 1.2 | 74 |
| 247 | Fault Detection for Uncertain Fuzzy Systems: An LMI Approach. IEEE Transactions on Fuzzy Systems, 2007, 15, 1251-1262. | 6.5 | 239 |
| 248 | Neural Network Implementation Using Bit Streams. IEEE Transactions on Neural Networks, 2007, 18, 1488-1504. | 4.8 | 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. | 4.0 | 94 |
| 251 | Static output feedback controller design for fuzzy systems: An ILMI approach. Information Sciences, 2007, 177, 3005-3015. | 4.0 | 76 |
| 252 | Low cost sensor for volume and surface area computation of axi-symmetric agricultural products. Journal of Food Engineering, 2007, 79, 870-877. | 2.7 | 63 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 253 | \hat{A}, \hat{A}^z Filter for Uncertain Markovian Jump Nonlinear Systems: An LMI Approach. Circuits, Systems, and Signal Processing, 2007, 26, 853-874. | 1.2 | 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. | 3.7 | 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. | 5.5 | 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. | 5.5 | 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. | 6.5 | 86 |
| 261 | A floating-point FPGA-based self-tuning regulator. IEEE Transactions on Industrial Electronics, 2006, 53, 693-704. | 5.2 | 36 |
| 262 | Stochastic Stability of Ito Differential Equations With Semi-Markovian Jump Parameters. IEEE Transactions on Automatic Control, 2006, 51, 1383-1387. | 3.6 | 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. | 2.1 | 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. | 4.0 | 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. | 2.1 | 9 |
| 267 | Robust filtering for jumping systems with mode-dependent delays. Signal Processing, 2006, 86, 140-152. | 2.1 | 230 |
| 268 | The mathematical modelling of the rehydration characteristics of fruits. Journal of Food Engineering, 2006, 72, 16-23. | 2.7 | 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. | 0.9 | 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 $\hat{\infty}$ 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 $\hat{\infty}$ 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. | 1.0 | 3 |
| 283 | H $\hat{\infty}$ Output Feedback Control Design for Uncertain Fuzzy Systems with Multiple Time Scales: An LMI Approach. European Journal of Control, 2005, 11, 157-166. | 1.6 | 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. | 0.9 | 10 |
| 287 | Soft sensors for on-line biomass measurements. Bioprocess and Biosystems Engineering, 2004, 26, 191-195. | 1.7 | 37 |
| 288 | $\langle \text{mml:math altimg}=\text{"si6.gif"} \text{ display}=\text{"inline"} \text{ overflow}=\text{"scroll"} \text{ xmlns:xocs}=\text{"http://www.elsevier.com/xml/xocs/dtd"} \text{ xmlns:xs}=\text{"http://www.w3.org/2001/XMLSchema"} \text{ xmlns:xsi}=\text{"http://www.w3.org/2001/XMLSchema-instance"} \text{ xmlns}=\text{"http://www.elsevier.com/xml/ja/dtd"} \text{ xmlns:ja}=\text{"http://www.elsevier.com/xml/ja/dtd"} \text{ xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ xmlns:tb}=\text{"http://www.elsevier.com/xml/common/table/dtd"} \text{ xmlns:sb}=\text{"http://www.elsevier.com/xml/common/struct-bib/dtd"} \text{ xmlns:ce}=\text{"http://www.elsevier.com/x"} \rangle$ | 3.0 | 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. | 1.8 | 94 |
| 290 | Robust H_{∞} fuzzy filter design for uncertain nonlinear singularly perturbed systems with Markovian jumps: an LMI approach. , 2004, , . | | 0 |
| 291 | <tex>H_{\infty}</tex>Filtering for Fuzzy Singularly Perturbed Systems with Pole Placement Constraints: An LMI Approach. <i>IEEE Transactions on Signal Processing</i> , 2004, 52, 1659-1667. | 3.2 | 112 |
| 292 | >tex<H_{\infty}>/tex<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. | 5.5 | 76 |
| 293 | H_{∞} output feedback control design for uncertain fuzzy singularly perturbed systems: an LMI approach. <i>Automatica</i> , 2004, 40, 2147-2152. | 3.0 | 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. | 1.3 | 70 |
| 296 | Fuzzy H_{∞} output feedback control of nonlinear systems under sampled measurements. <i>Automatica</i> , 2003, 39, 2169-2174. | 3.0 | 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. | 0.5 | 51 |
| 298 | H_{∞} Output feedback control of fuzzy system models under sampled measurements. <i>Computers and Mathematics With Applications</i> , 2003, 46, 705-717. | 1.4 | 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. | 6.5 | 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. | 3.7 | 0 |
| 302 | Robust stabilization of binary distillation columns with input constraints. <i>International Journal of Systems Science</i> , 2002, 33, 759-765. | 3.7 | 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. | 0.9 | 30 |
| 306 | Comments on "Robust stabilization of a class time-delay nonlinear systems". <i>IEEE Transactions on Automatic Control</i> , 2002, 47, 1586-1586. | 3.6 | 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. | 3.1 | 13 |
| 308 | Control of continuous fermenters under input constraints. International Journal of Systems Science, 2001, 32, 313-320. | 3.7 | 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. | 1.2 | 27 |
| 310 | H ∞ control of free-radical polymerisation reactors. ISA Transactions, 2001, 40, 73-84. | 3.1 | 0 |
| 311 | Optimisation of fed-batch culture of hybridoma cells using genetic algorithms. ISA Transactions, 2001, 40, 381-389. | 3.1 | 21 |
| 312 | Comments on "Robust stabilization of uncertain input-delay systems by sliding mode control with delay compensation". Automatica, 2001, 37, 1677. | 3.0 | 45 |
| 313 | H ∞ filtering design for uncertain nonlinear systems under sampled measurements. International Journal of Systems Science, 2001, 32, 889-898. | 3.7 | 3 |
| 314 | H ∞ filtering design for uncertain nonlinear systems under sampled measurements. International Journal of Systems Science, 2001, 32, 889-898. | 3.7 | 2 |
| 315 | On designing filters for uncertain sampled-data nonlinear systems. Systems and Control Letters, 2000, 41, 305-316. | 1.3 | 34 |
| 316 | Nonlinear H ∞ filtering of sampled-data systems. Automatica, 2000, 36, 303-310. | 3.0 | 62 |
| 317 | Extremum seeking scheme for continuous fermentation processes described by an unstructured fermentation model. Bioprocess and Biosystems Engineering, 2000, 23, 417-420. | 1.7 | 10 |
| 318 | Simultaneous deadbeat-tracking control of three plants: Multivariable case. International Journal of Control, 2000, 73, 361-370. | 1.2 | 0 |
| 319 | Robust stabilization of a class of time-delay nonlinear systems. IEEE Transactions on Automatic Control, 2000, 45, 756-762. | 3.6 | 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. | 0.9 | 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. | 3.7 | 1 |
| 323 | Robust H ∞ control of a class of continuous fermentation processes. Applied Mathematics Letters, 1999, 12, 61-69. | 1.5 | 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. | 1.2 | 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. | 2.1 | 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. | 1.6 | 0 |
| 332 | High frequency multi-input periodic operation of continuous fermentation process. Journal of Chemical Technology and Biotechnology, 1998, 73, 233-236. | 1.6 | 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. | 1.8 | 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. | 1.8 | 25 |
| 335 | 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. | 1.3 | 3 |
| 336 | GLOBAL ROBUST H^{∞} CONTROL OF A CLASS OF NONLINEAR SYSTEMS. International Journal of Robust and Nonlinear Control, 1997, 7, 75-84. | 2.1 | 16 |
| 337 | Robust nonlinear H_{∞} -output feedback control. IEEE Transactions on Automatic Control, 1996, 41, 1003-1007. | 3.6 | 46 |
| 338 | Robust nonlinear H^{∞} filtering. Automatica, 1996, 32, 1195-1199. | 3.0 | 71 |
| 339 | Robust stabilisation for a class of time-delay nonlinear systems. IET Control Theory and Applications, 1994, 141, 285-288. | 1.7 | 9 |
| 340 | Robust H_{∞} control of a class of nonlinear systems with delayed state and control: a LMI approach. , 0, , . | | 7 |
| 341 | Robust H_{∞} control for a class of nonlinear systems: a LMI approach. , 0, , . | | 2 |
| 342 | A floating-point all hardware self-tuning regulator for second order systems. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 343 | Fuzzy observer-based controller design for singularly perturbed nonlinear systems: an LMI approach. , 0, , . | | 9 |
| 344 | Digital realization of analogue computing elements using bit streams. , 0, , . | | 1 |
| 345 | Bit streams: an alternative approach to digital controller implementation. , 0, , . | | 3 |
| 346 | Fuzzy H ∞ output feedback control design for singularly perturbed systems: an LMI approach. , 0, , . | | 3 |
| 347 | H ∞ /sub ∞ / fuzzy filter design for uncertain nonlinear systems with Markovian jumps: an LMI approach. , 0, , . | | 4 |
| 348 | Robust H ∞ /sub ∞ / control design for uncertain fuzzy systems with Markovian jumps: an LMI approach. , 0, , . | | 17 |
| 349 | State Feedback Guaranteed Cost Control of Uncertain Networked Control Systems. , 0, , . | | 2 |
| 350 | Static Output Feedback Controller Design for Fuzzy Systems: An ILMI Approach. , 0, , . | | 0 |
| 351 | Design of auto-tuning capacitive power transfer system for wireless power transfer. International Journal of Electronics, 0, , 1-16. | 0.9 | 2 |
| 352 | Fuzzy H/sub ∞ / output feedback control of nonlinear systems under sampled measurements. , 0, , . | | 2 |
| 353 | H/sub ∞ / fuzzy output feedback control design for nonlinear systems: an LMI approach. , 0, , . | | 1 |
| 354 | Multiple Fuzzy Parameters Nonlinear Seepage model for Shale Gas Reservoirs. International Journal of Fuzzy Systems, 0, , . | 2.3 | 0 |