

Sing-Kiong Nguang

List of Publications by Year in descending order

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356
papers

8,708
citations

36303

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368
all docs

368
docs citations

368
times ranked

4521
citing authors

#	ARTICLE	IF	CITATIONS
1	H ∞ fuzzy output feedback control design for nonlinear systems: an LMI approach. IEEE Transactions on Fuzzy Systems, 2003, 11, 331-340.	9.8	322
2	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
3	Robust stabilization of a class of time-delay nonlinear systems. IEEE Transactions on Automatic Control, 2000, 45, 756-762.	5.7	246
4	Fault Detection for Uncertain Fuzzy Systems: An LMI Approach. IEEE Transactions on Fuzzy Systems, 2007, 15, 1251-1262.	9.8	239
5	Robust filtering for jumping systems with mode-dependent delays. Signal Processing, 2006, 86, 140-152.	3.7	230
6	Stochastic Stability of Ito Differential Equations With Semi-Markovian Jump Parameters. IEEE Transactions on Automatic Control, 2006, 51, 1383-1387.	5.7	183
7	H ∞ filtering for fuzzy dynamical systems with D stability constraints. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 1503-1508.	0.1	175
8	State Feedback Control of Uncertain Networked Control Systems With Random Time Delays. IEEE Transactions on Automatic Control, 2008, 53, 829-834.	5.7	174
9	Induced H_2 filtering of fuzzy stochastic systems with time-varying delays. IEEE Transactions on Cybernetics, 2013, 43, 1251-1264.	9.5	142
10	Fault detection filtering for nonlinear switched systems via event-triggered communication approach. Automatica, 2019, 101, 365-376.	5.0	122
11	H_∞ Filtering for Fuzzy Singularly Perturbed Systems with Pole Placement Constraints: An LMI Approach. IEEE Transactions on Signal Processing, 2004, 52, 1659-1667.	5.3	112
12	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
13	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
14	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
15	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
16	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
17	Fuzzy H ∞ output feedback control of nonlinear systems under sampled measurements. Automatica, 2003, 39, 2169-2174.	5.0	102
18	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

#	ARTICLE	IF	CITATIONS
19	H ∞ output feedback control design for uncertain fuzzy singularly perturbed systems: an LMI approach. Automatica, 2004, 40, 2147-2152.	5.0	99
20	Robust sensor fault estimation scheme for satellite attitude control systems. Journal of the Franklin Institute, 2013, 350, 2581-2604.	3.4	98
21	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
22	Modelling and optimization of fed-batch fermentation processes using dynamic neural networks and genetic algorithms. Biochemical Engineering Journal, 2004, 22, 51-61.	3.6	94
23	Robust 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
24	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
25	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
26	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
27	Bumpless Transfer H_{∞} Anti-Disturbance Control of Switching Markovian LPV Systems Under the Hybrid Switching. IEEE Transactions on Cybernetics, 2022, 52, 2833-2845.	9.5	79
28	Fuzzy Control Design for Nonlinear Singularly Perturbed Systems With Pole Placement Constraints: An LMI Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 579-588.	5.0	76
29	Static output feedback controller design for fuzzy systems: An ILMI approach. Information Sciences, 2007, 177, 3005-3015.	6.9	76
30	Robust H_{∞} 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
31	Effect of Rayleigh fading on non-coherent sequence synchronization for multi-user chaos based DS-CDMA. Signal Processing, 2010, 90, 1924-1939.	3.7	73
32	Observer-based finite-time H_{∞} control for discrete singular stochastic systems. Applied Mathematics Letters, 2014, 38, 115-121.	2.7	72
33	Robust nonlinear H ∞ filtering. Automatica, 1996, 32, 1195-1199.	5.0	71
34	Robust disturbance attenuation for discrete-time active fault tolerant control systems with uncertainties. Optimal Control Applications and Methods, 2003, 24, 85-101.	2.1	70
35	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
36	Event-Triggered H_{∞} Control of Networked Control Systems With Distributed Transmission Delay. IEEE Transactions on Automatic Control, 2020, 65, 4295-4301.	5.7	70

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37	The mathematical modelling of the rehydration characteristics of fruits. Journal of Food Engineering, 2006, 72, 16-23.	5.2	66
38	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
39	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
40	A Distributed Delay Method for Event-Triggered Control of T^S Fuzzy Networked Systems With Transmission Delay. IEEE Transactions on Fuzzy Systems, 2019, 27, 1963-1973.	9.8	64
41	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
42	Nonlinear H_∞ filtering of sampled-data systems. Automatica, 2000, 36, 303-310.	5.0	62
43	Robust tracking control of boiler-turbine systems. ISA Transactions, 2010, 49, 369-375.	5.7	61
44	A general modeling method for I^V characteristics of geometrically and electrically configured photovoltaic arrays. Energy Conversion and Management, 2011, 52, 3439-3445.	9.2	61
45	Distributed Filtering for Discrete-Time T^S Fuzzy Systems With Incomplete Measurements. IEEE Transactions on Fuzzy Systems, 2018, 26, 1459-1471.	9.8	61
46	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
47	Finite-time boundedness for uncertain discrete neural networks with time-delays and Markovian jumps. Neurocomputing, 2014, 140, 1-7.	5.9	58
48	Occupancy Inference Using Pyroelectric Infrared Sensors Through Hidden Markov Models. IEEE Sensors Journal, 2016, 16, 1062-1068.	4.7	58
49	fuzzy state-feedback control design for nonlinear systems with ℓ_1 -stability constraints: An LMI approach. Mathematics and Computers in Simulation, 2008, 78, 514-531.	4.4	55
50	Simultaneous robust actuator and sensor fault estimation for uncertain nonlinear Lipschitz systems. IET Control Theory and Applications, 2014, 8, 1364-1374.	2.1	55
51	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
52	Comments on "Robust stabilization of a class time-delay nonlinear systems". IEEE Transactions on Automatic Control, 2002, 47, 1586-1586.	5.7	52
53	Robust H_∞ control for linear Markovian jump systems with unknown nonlinearities. Journal of Mathematical Analysis and Applications, 2003, 282, 241-255.	1.0	51
54	Delay-dependent H_∞ filtering for uncertain time delay nonlinear systems: an LMI approach. IET Control Theory and Applications, 2007, 1, 133-140.	2.1	51

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55	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
56	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
57	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
58	Robust H_{∞} output feedback control of networked control systems with multiple quantizers. Journal of the Franklin Institute, 2012, 349, 1153-1173.	3.4	45
59	Robust fault estimator design for uncertain networked control systems with random time delays: An LMI approach. Information Sciences, 2010, 180, 465-480.	6.9	49
60	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
61	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
62	Robust nonlinear H_{∞} -output feedback control. IEEE Transactions on Automatic Control, 1996, 41, 1003-1007.	5.7	46
63	Comments on "Robust stabilization of uncertain input-delay systems by sliding mode control with delay compensation". Automatica, 2001, 37, 1677.	5.0	45
64	H_{∞} bumpless transfer reliable control of Markovian switching LPV systems subject to actuator failures. Information Sciences, 2020, 512, 431-445.	6.9	44
65	Accurate Derivation of Chaos-Based Acquisition Performance in a Fading Channel. IEEE Transactions on Wireless Communications, 2012, 11, 722-731.	9.2	43
66	H_{∞} Output feedback control of fuzzy system models under sampled measurements. Computers and Mathematics With Applications, 2003, 46, 705-717.	2.7	42
67	Robust mode delay-dependent H_{∞} control of discrete-time systems with random communication delays. IET Control Theory and Applications, 2010, 4, 936-944.	2.1	42
68	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
69	Robust finite-time fuzzy H_{∞} control for uncertain time-delay systems with stochastic jumps. Journal of the Franklin Institute, 2014, 351, 4211-4223.	3.0	42
70	Robust H_{∞} output feedback control of discrete-time networked systems with limited information. Systems and Control Letters, 2011, 60, 845-853.	2.3	40
71	Reducing Conservatism in an H_{∞} Robust State-Feedback Control Design of Takagi-Sugeno Fuzzy Systems: A Nonmonotonic Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 386-390.	9.8	40
72	Input-Output Data-Based Output Antisynchronization Control of Multiagent Systems Using Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 7359-7367.	11.3	39

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73	Soft sensors for on-line biomass measurements. <i>Bioprocess and Biosystems Engineering</i> , 2004, 26, 191-195.	3.4	37
74	Nonlinear H_∞ output feedback control with integrator for polynomial discrete-time systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 1051-1065.	3.7	37
75	A floating-point FPGA-based self-tuning regulator. <i>IEEE Transactions on Industrial Electronics</i> , 2006, 53, 693-704.	7.9	36
76	Parity relation based fault estimation for nonlinear systems: An LMI approach. <i>International Journal of Automation and Computing</i> , 2007, 4, 164-168.	4.5	36
77	Robust Control for Uncertain Networked Control Systems with Random Delays. <i>Lecture Notes in Control and Information Sciences</i> , 2009, , .	1.0	35
78	Stability Analysis of Genetic Regulatory Networks With General Random Disturbances. <i>IEEE Transactions on Nanobioscience</i> , 2019, 18, 128-135.	3.3	35
79	On designing filters for uncertain sampled-data nonlinear systems. <i>Systems and Control Letters</i> , 2000, 41, 305-316.	2.3	34
80	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
81	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
82	Robust H_2 Control of Linear Systems With Mismatched Quantization. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 1702-1709.	5.7	32
83	H_∞ Output Anti-Disturbance Control of Stochastic Markov Jump Systems With Multiple Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7633-7643.	9.3	32
84	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
85	Novel delay-dependent stability criterion for time-varying delay systems with parameter uncertainties and nonlinear perturbations. <i>Information Sciences</i> , 2014, 281, 321-333.	6.9	31
86	Robust Sliding Mode Observer based Fault Estimation for Certain Class of Uncertain Nonlinear Systems. <i>Asian Journal of Control</i> , 2015, 17, 1296-1309.	3.0	31
87	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
88	Finite-time stabilization of Markovian jump delay systems – a switching control approach. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 298-318.	3.7	30
89	Analysis of Chaos-Based Code Tracking Using Chaotic Correlation Statistics. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2012, 59, 796-805.	5.4	29
90	$\langle \mathbf{m} \rangle = \int \mathbf{m} P(\mathbf{m}) d\mathbf{m}$	5.0	28

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91	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
92	Stabilization of uncertain linear distributed delay systems with dissipativity constraints. Systems and Control Letters, 2016, 96, 60-71.	2.3	28
93	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
94	Neural Network Implementation Using Bit Streams. IEEE Transactions on Neural Networks, 2007, 18, 1488-1504.	4.2	27
95	Output tracking control for fuzzy delta operator systems with time-varying delays. Journal of the Franklin Institute, 2015, 352, 2951-2970.	3.4	27
96	Guaranteed cost nonlinear tracking control of a boiler-turbine unit: an LMI approach. International Journal of Systems Science, 2010, 41, 889-895.	5.5	26
97	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
98	Comments on "Fuzzy 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
99	Quantized robust H_{∞} control of discrete-time systems with random communication delays. International Journal of Systems Science, 2011, 42, 129-138.	5.5	25
100	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
101	Advances in Modelling, Monitoring, and Control for Complex Industrial Systems. Complexity, 2019, 2019, 1-3.	1.6	24
102	Machine Learning Based Predictive Model for AFP-Based Unidirectional Composite Laminates. IEEE Transactions on Industrial Informatics, 2020, 16, 2315-2324.	11.3	24
103	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
104	H_{∞} Weighted Integral Event-Triggered Synchronization of Neural Networks With Mixed Delays. IEEE Transactions on Industrial Informatics, 2021, 17, 2365-2375.	11.3	24
105	Design of Capacitive Power Transfer Using a Class-E Resonant Inverter. Journal of Power Electronics, 2016, 16, 1678-1688.	1.5	24
106	Online Implementation of Servo Controllers Using Bit-Streams. , 2005, , .		23
107	Robust disturbance attenuation for uncertain networked control systems with random time delays. IET Control Theory and Applications, 2008, 2, 1008-1023.	2.1	23
108	An Improved Taylor Method for Frequency Measurement in Power Systems. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3288-3294.	4.7	23

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109	Robust sensor fault estimation and fault-tolerant control for uncertain Lipschitz nonlinear systems. , 2014, , .		22
110	Multi-Target Video Tracking Based on Improved Data Association and Mixed Kalman/ ∞ Filtering. IEEE Sensors Journal, 2016, 16, 7693-7704.	4.7	22
111	Mean square consensus of multi-agent systems with multiplicative noises and time delays under directed fixed topologies. International Journal of Control, Automation and Systems, 2016, 14, 69-77.	2.7	22
112	Delay partition method for the robust stability of uncertain genetic regulatory networks with time-varying delays. Neurocomputing, 2016, 173, 899-911.	5.9	22
113	Optimisation of fed-batch culture of hybridoma cells using genetic algorithms. ISA Transactions, 2001, 40, 381-389.	5.7	21
114	GA-based nonlinear predictive switching control for a boiler-turbine system. Journal of Control Theory and Applications, 2012, 10, 100-106.	0.8	21
115	Stochastic finite-time boundedness on switching dynamics Markovian jump linear systems with saturated and stochastic nonlinearities. Information Sciences, 2016, 334-335, 65-82.	6.9	21
116	Stability of a Class of Multiagent Tracking Systems With Unstable Subsystems. IEEE Transactions on Cybernetics, 2017, 47, 2193-2202.	9.5	20
117	Design of auto frequency tuning capacitive power transfer system based on class E^2 dc/dc converter. IET Power Electronics, 2017, 10, 1588-1595.	2.1	20
118	Takagi-Sugeno fuzzy model identification for turbofan aero-engines with guaranteed stability. Chinese Journal of Aeronautics, 2018, 31, 1206-1214.	5.3	20
119	\hat{A}, \hat{A}^z Filter for Uncertain Markovian Jump Nonlinear Systems: An LMI Approach. Circuits, Systems, and Signal Processing, 2007, 26, 853-874.	2.0	19
120	Novel delay-dependent stability criterion for uncertain genetic regulatory networks with interval time-varying delays. Neurocomputing, 2013, 121, 170-178.	5.9	19
121	Sliding mode control for multi-agent systems under a time-varying topology. International Journal of Systems Science, 2016, 47, 2193-2200.	5.5	19
122	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
123	Quantised robust \hat{A}, \hat{A}^z output feedback control of discrete-time systems with random communication delays. IET Control Theory and Applications, 2010, 4, 2252-2262.	2.1	18
124	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
125	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
126	Robust H_{∞} control design for uncertain fuzzy systems with Markovian jumps: an LMI approach. , 0, , .		17

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127	Nonlinear H^∞ feedback control with integrator for polynomial discrete-time systems. Journal of the Franklin Institute, 2014, 351, 4023-4038.	3.4	17
128	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
129	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
130	Mode-dependent dynamic output feedback H^∞ control of networked systems with Markovian jump delay via generalized integral inequalities. Information Sciences, 2020, 520, 105-116.	6.9	17
131	GLOBAL ROBUST H^∞ CONTROL OF A CLASS OF NONLINEAR SYSTEMS. International Journal of Robust and Nonlinear Control, 1997, 7, 75-84.	3.7	16
132	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
133	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
134	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
135	Asynchronous H^∞ filtering of switched time-delay systems with network induced random occurrences. Signal Processing, 2014, 98, 62-73.	3.7	16
136	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
137	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
138	Finite-time stability of coupled impulsive neural networks with time-varying delays and saturating actuators. Neurocomputing, 2021, 453, 590-598.	5.9	15
139	Nonlinear state feedback control for a class of polynomial nonlinear discrete-time systems with norm-bounded uncertainties: An integrator approach. Journal of the Franklin Institute, 2013, 350, 1739-1752.	3.4	14
140	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
141	High-order tracking problem with a time-varying topology and communication delays. Neurocomputing, 2015, 149, 1360-1369.	5.9	14
142	Robust video tracking algorithm: a multi-feature fusion approach. IET Computer Vision, 2018, 12, 640-650.	2.0	14
143	Nonfragile Integral-Based Event-Triggered Control of Uncertain Cyber-Physical Systems under Cyber-Attacks. Complexity, 2019, 2019, 1-14.	1.6	14
144	Event-triggered H^∞ 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

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145	Stochastic exponential synchronization for delayed neural networks with semi-Markovian switchings: Saturated heterogeneous sampling communication. <i>Nonlinear Analysis: Hybrid Systems</i> , 2021, 41, 101028.	3.5	14
146	On-line identification and optimization of feed rate profiles for high productivity fed-batch culture of hybridoma cells using genetic algorithms. <i>ISA Transactions</i> , 2002, 41, 409-419.	5.7	13
147	Dynamic output feedback control for uncertain networked control systems with random network-induced delays. <i>International Journal of Control, Automation and Systems</i> , 2009, 7, 841-847.	2.7	13
148	Multiple soft-switching operating points-based power flow control of contactless power transfer systems. <i>IET Power Electronics</i> , 2011, 4, 725.	2.1	13
149	Robust H_{∞} Output Feedback Control of a Rotary Capacitive Power Transfer System. <i>IEEE Access</i> , 2019, 7, 113452-113462.	4.2	13
150	Reliable H_{∞} output control of nonlinear systems with dynamic event-triggered scheme. <i>Journal of the Franklin Institute</i> , 2019, 356, 58-79.	3.4	12
151	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
152	Simulated Photovoltaic Array Systems Under a Changing Environment for Temporal Performance. <i>International Journal of Green Energy</i> , 2012, 9, 673-684.	3.8	11
153	Collusion and Fraud Detection on Electronic Energy Meters - A Use Case of Forensics Investigation Procedures. , 2014, , .		11
154	Tracking problem under a time-varying topology. <i>Chinese Physics B</i> , 2014, 23, 060502.	1.4	11
155	Exponential convergence analysis of uncertain genetic regulatory networks with time-varying delays. <i>ISA Transactions</i> , 2014, 53, 1544-1553.	5.7	11
156	Global quadratic stabilization of a class of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 1998, 8, 483-497.	3.7	10
157	Extremum seeking scheme for continuous fermentation processes described by an unstructured fermentation model. <i>Bioprocess and Biosystems Engineering</i> , 2000, 23, 417-420.	3.4	10
158	Effect of renal perfusion pressure on responses of intrarenal blood flow to renal nerve stimulation in rabbits. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004, 31, 35-45.	1.9	10
159	ROBUST H_{∞} STATIC OUTPUT FEEDBACK CONTROL OF FUZZY SYSTEMS: AN ILMI APPROACH. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005, 38, 826-831.	0.4	10
160	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
161	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
162	Cascaded Boostâ€Classâ€ for rotary capacitive power transfer system. <i>Journal of Engineering</i> , 2019, 2019, 3742-3748.	1.1	10

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163	Stability Analysis of Linear Coupled Differential-Difference Systems With General Distributed Delays. IEEE Transactions on Automatic Control, 2020, 65, 1356-1363.	5.7	10
164	Dissipative stabilization of linear systems with time-varying general distributed delays. Automatica, 2020, 122, 109227.	5.0	10
165	Improved internal-model robust adaptive control with its application to coordinated control of USC boiler-turbine power units in flexible operations. International Journal of Systems Science, 2020, 51, 669-686.	5.5	10
166	Robust stabilisation for a class of time-delay nonlinear systems. IET Control Theory and Applications, 1994, 141, 285-288.	1.7	9
167	Fuzzy observer-based controller design for singularly perturbed nonlinear systems: an LMI approach. , 0, , .		9
168	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
169	Nonlinear static output feedback controller design for uncertain polynomial systems: An iterative sums of squares approach. , 2011, , .		9
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