

Guo-Ping Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2729628/publications.pdf>

Version: 2024-02-01

477
papers

17,662
citations

15495

65
h-index

17580

121
g-index

484
all docs

484
docs citations

484
times ranked

6842
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain Protocol-Based Predictive Secure Control for Networked Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 783-792.	5.2	15
2	Proportional Integral Predictive Control of High-Order Fully Actuated Networked Multiagent Systems With Communication Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 801-812.	5.9	28
3	Privacy-Preserving Distributed Economic Dispatch of Microgrids: A Dynamic Quantization-Based Consensus Scheme With Homomorphic Encryption. IEEE Transactions on Smart Grid, 2023, 14, 701-713.	6.2	22
4	Coordinated Control of Networked Multiagent Systems via Distributed Cloud Computing Using Multistep State Predictors. IEEE Transactions on Cybernetics, 2022, 52, 810-820.	6.2	29
5	Cloud-Based Time-Varying Formation Predictive Control of Multi-Agent Systems With Random Communication Constraints and Quantized Signals. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1282-1286.	2.2	49
6	Predictive Consensus for Networked Multi-Agent Systems With Switching Topology, Input Delay and Time-Varying Communication Delays. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 444-448.	2.2	2
7	False Data Injection Attacks Against Partial Sensor Measurements of Networked Control Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 149-153.	2.2	46
8	Delay Compensation-Based State Estimation for Time-Varying Complex Networks With Incomplete Observations and Dynamical Bias. IEEE Transactions on Cybernetics, 2022, 52, 12071-12083.	6.2	79
9	Unified and Flexible Online Experimental Framework for Control Engineering Education. IEEE Transactions on Industrial Electronics, 2022, 69, 835-844.	5.2	26
10	Practical Prescribed-Time Sampled-Data Control of Linear Systems With Applications to the Air-Bearing Testbed. IEEE Transactions on Industrial Electronics, 2022, 69, 6152-6161.	5.2	11
11	Dynamic Consensus of Second-Order Networked Multiagent Systems With Switching Topology and Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 11747-11757.	6.2	8
12	Distributed Model-Free Sliding-Mode Predictive Control of Discrete-Time Second-Order Nonlinear Multiagent Systems With Delays. IEEE Transactions on Cybernetics, 2022, 52, 12403-12413.	6.2	10
13	Master-Slave Cooperation for Multi-DC-MGs via Variable Cyber Networks. IEEE Transactions on Cybernetics, 2022, 52, 8425-8438.	6.2	12
14	Design of Networked Secure and Real-Time Control Based on Blockchain Techniques. IEEE Transactions on Industrial Electronics, 2022, 69, 4096-4106.	5.2	10
15	Active fault-tolerant predictive control of networked systems subject to actuator faults and random communication constraints. International Journal of Control, 2022, 95, 2357-2363.	1.2	3
16	Design and implementation of C-MEX S-functions in an Android-based networked control system laboratory. Transactions of the Institute of Measurement and Control, 2022, 44, 188-197.	1.1	6
17	Output feedback predictive control for discrete quasilinear systems with application to spacecraft flying-around. Asian Journal of Control, 2022, 24, 1846-1861.	1.9	10
18	An algorithm to build schedule table for schedule-based fieldbus to reduce communication jitter to its minimum. ISA Transactions, 2022, 127, 423-436.	3.1	1

#	ARTICLE	IF	CITATIONS
19	Robust finite-iteration tracking of discrete-time systems in repetitive process setting via ILC scheme. International Journal of Robust and Nonlinear Control, 2022, 32, 2585-2602.	2.1	4
20	Toward a Web-Based Digital Twin Thermal Power Plant. IEEE Transactions on Industrial Informatics, 2022, 18, 1716-1725.	7.2	57
21	Coordinated control of quasilinear multiagent systems via output feedback predictive control. ISA Transactions, 2022, 128, 58-70.	3.1	20
22	Teaching and Comprehensive Learning With Remote Laboratories and MATLAB for an Undergraduate System Identification Course. IEEE Transactions on Education, 2022, 65, 402-408.	2.0	10
23	Networked Active Fault-Tolerant Predictive Control for Systems With Random Communication Constraints and Actuator/Sensor Faults. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2166-2170.	2.2	6
24	Coordinated Control of High-Order Fully Actuated Multiagent Systems and Its Application: A Predictive Control Strategy. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4362-4372.	3.7	26
25	Security tracking control for discrete-time stochastic systems subject to cyber attacks. ISA Transactions, 2022, 127, 133-145.	3.1	13
26	Fractional Order Distributed Model Predictive Control of Fast and Strong Interacting Systems. Fractal and Fractional, 2022, 6, 179.	1.6	3
27	Coordination of Networked Nonlinear Multi-Agents Using a High-Order Fully Actuated Predictive Control Strategy. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 615-623.	8.5	27
28	New results on stability and $$H^{\infty}$ performance analysis for aperiodic sampled-data systems via augmented Lyapunov functional. ISA Transactions, 2022, 128, 309-315.$	3.1	11
29	Attitude and Orbit Optimal Control of Combined Spacecraft via a Fully-Actuated System Approach. Journal of Systems Science and Complexity, 2022, 35, 623-640.	1.6	20
30	Predictive Control of High-Order Fully Actuated Nonlinear Systems with Time-Varying Delays. Journal of Systems Science and Complexity, 2022, 35, 457-470.	1.6	17
31	Distributed Voltage Restoration of AC Microgrids Under Communication Delays: A Predictive Control Perspective. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2614-2624.	3.5	11
32	A novel modularized formation tracking control for mixed-order discrete-time multi-agent systems. Systems Science and Control Engineering, 2022, 10, 583-589.	1.8	1
33	Data-Driven Adaptive Control: An Incremental Triangular Dynamic Linearization Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4949-4953.	2.2	11
34	Unified 3-D Interactive Human-Centered System for Online Experimentation: Current Deployment and Future Perspectives. IEEE Transactions on Industrial Informatics, 2021, 17, 4777-4787.	7.2	27
35	A Prediction-Based Approach to Distributed Filtering With Missing Measurements and Communication Delays Through Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7063-7074.	5.9	55
36	Observer-Based Incremental Predictive Control of Networked Multi-Agent Systems With Random Delays and Packet Dropouts. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 426-430.	2.2	70

#	ARTICLE	IF	CITATIONS
37	Detection of stealthy false data injection attacks against networked control systems via active data modification. Information Sciences, 2021, 546, 192-205.	4.0	104
38	Distance- and Velocity-Based Collision Avoidance for Time-Varying Formation Control of Second-Order Multi-Agent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1253-1257.	2.2	27
39	Distributed data-driven tracking control for networked nonlinear MIMO multi-agent systems subject to communication delays. Neurocomputing, 2021, 425, 62-70.	3.5	8
40	Online Learning Based Voltage and Power Regulator for AC Microgrids. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1318-1322.	2.2	18
41	H_{∞} optimal control of unknown linear systems by adaptive dynamic programming with applications to time-delay systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5602-5617.	2.1	11
42	Design and implementation of virtual experiment for complex control system: A case study of thermal control process. IET Generation, Transmission and Distribution, 2021, 15, 3270-3283.	1.4	6
43	A Novel Networked Predictive Control Method for Systems with Random Communication Constraints. Journal of Systems Science and Complexity, 2021, 34, 1364-1378.	1.6	61
44	Global Optimal Cooperative Control of Multiple DC-DC Converter Systems for Dynamic Consensus. IEEE Transactions on Power Electronics, 2021, 36, 14340-14352.	5.4	7
45	Distributed Optimal Synchronization Rate Control for AC Microgrids Under Event-Triggered Mechanism. IEEE Transactions on Power Systems, 2021, 36, 1780-1793.	4.6	14
46	From Virtual Simulation to Digital Twins in Online Laboratories. , 2021, , .		9
47	Robust Output Tracking for Discrete Quasilinear Systems with Random Disturbance. , 2021, , .		0
48	Big Data Assessment Methods for Students'™ Online Laboratory Work Based on NCSLab. , 2021, , .		1
49	Identification of Unknown Inertia Parameters of Spacecraft and Spacecraft Hovering. , 2021, , .		0
50	Power Forecasting of Wind Turbines Based on Multi-Input Predictors and Wind Speed Variation Trends. , 2021, , .		0
51	Design and Implementation of Cloud-based Networked Control Experimental Instrument for Control Engineering Education. , 2021, , .		1
52	A leader-follower formation strategy for networked multi-agent systems based on the PI predictive control method. , 2021, , .		7
53	Design and Implementation of a Control and Monitoring Scheme for Spacecraft Obstacle Avoidance. , 2021, , .		2
54	Composite control with observer for switched stochastic systems subject to multiple disturbances and input saturation. IET Control Theory and Applications, 2021, 15, 166-178.	1.2	1

#	ARTICLE	IF	CITATIONS
55	Novel stability criteria for aperiodic sampled-data systems via a time-squared-dependent augmented functional. <i>International Journal of Systems Science</i> , 2021, 52, 1539-1550.	3.7	1
56	A Resilient Distributed Consensus Control Scheme for DC Microgrids Over Fading Channels. , 2021, , .		1
57	Interactive and Visualized Online Experimentation System for Engineering Education and Research. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	3
58	Design and Construction of Axial-Flux Permanent Magnet Motors for Electric Propulsion Applications—A Review. <i>IEEE Access</i> , 2021, 9, 158998-159017.	2.6	25
59	Coordinated Control of Networked Multiagent Systems With Communication Constraints Using a Proportional Integral Predictive Control Strategy. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 4735-4743.	6.2	48
60	Predictive Control of Networked Nonlinear Multiagent Systems With Communication Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4447-4457.	5.9	39
61	Variance-Constrained Recursive State Estimation for Time-Varying Complex Networks With Quantized Measurements and Uncertain Inner Coupling. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 1955-1967.	7.2	116
62	Coordinated Path-Following Control for Multiple Autonomous Vehicles With Communication Time Delays. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 2005-2012.	3.2	20
63	Composite control for switched impulsive time-delay systems subject to actuator saturation and multiple disturbances. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020, 35, 100825.	2.1	12
64	On state estimation for nonlinear dynamical networks with random sensor delays and coupling strength under event-based communication mechanism. <i>Information Sciences</i> , 2020, 511, 265-283.	4.0	46
65	Stochastic Distributed Pinning Control for Co-Multi-Inverter Networks With a Virtual Leader. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 2094-2098.	2.2	26
66	A networked predictive controller for linear multi-agent systems with communication time delays. <i>Journal of the Franklin Institute</i> , 2020, 357, 9442-9466.	1.9	11
67	Design and Implementation of Mobile Terminal Supervisory System Based on Networked Control Systems. , 2020, , .		1
68	React-Native Based Mobile App for Online Experimentation. , 2020, , .		6
69	Design and Implementation of an Android-based Control Laboratory. , 2020, , .		1
70	Advertising strategies and coordination for supply chain based on consignment platform with delayed effect. <i>Systems Science and Control Engineering</i> , 2020, 8, 162-174.	1.8	4
71	Motion Coordination for a Class of Multi-Agents via Networked Predictive Control. <i>Journal of Systems Science and Complexity</i> , 2020, 33, 622-639.	1.6	8
72	Event-triggered recursive state estimation for dynamical networks under randomly switching topologies and multiple missing measurements. <i>Automatica</i> , 2020, 115, 108908.	3.0	134

#	ARTICLE	IF	CITATIONS
73	Coordinated path-following control for networked unmanned surface vehicles. International Journal of Advanced Robotic Systems, 2020, 17, 172988142093057.	1.3	1
74	Group consensus control for discrete-time heterogeneous multi-agent systems with time delays. Neurocomputing, 2020, 392, 70-85.	3.5	18
75	Cost-Effective Server-side Re-deployment for Web-based Online Laboratories Using NGINX Reverse Proxy. IFAC-PapersOnLine, 2020, 53, 17204-17209.	0.5	1
76	Leader-following consensus problem of networked multi-agent systems under switching topologies and communication constraints. IET Control Theory and Applications, 2020, 14, 3686-3696.	1.2	10
77	Networked Learning Predictive Control of Nonlinear Cyber-Physical Systems. Journal of Systems Science and Complexity, 2020, 33, 1719-1732.	1.6	9
78	Design of Prediction-Based Estimator for Time-Varying Networks subject to Communication Delays and Missing Data. IFAC-PapersOnLine, 2020, 53, 1025-1030.	0.5	1
79	Pinning-based Distributed Predictive Control of Secondary Voltage for an Islanded Microgrid. IFAC-PapersOnLine, 2020, 53, 12888-12893.	0.5	2
80	An Optimal Control Method to Coordination of Pricing and Advertising for a Supply Chain: The Consignment Mode. IFAC-PapersOnLine, 2020, 53, 16977-16982.	0.5	1
81	Simulink-Based Online Algorithm Design Interface for Web-Based Control Laboratory. , 2020, , .		4
82	A Smartphone-Based Networked Control Platform: Design and Implementation. , 2020, , .		3
83	Design of Virtual Thermal Process Control Framework for NCSLab. , 2020, , .		1
84	A Method of Remote Experiment for Complex Energy System: An Example for Process Control Experiment of Thermal Power Plants. , 2020, , .		1
85	Seamless Transfer Control Strategy of Multi-Energy Complementary Microgrid. , 2020, , .		0
86	Networked Predictive Control of Systems with Communication Constraints and Cyber Attacks. , 2019, , .		10
87	False Data Injection Attacks Against Networked Predictive Output Tracking Control Systems. , 2019, , 181-203.		0
88	Robust stability of uncertain second-order linear time-varying systems. Journal of the Franklin Institute, 2019, 356, 9881-9906.	1.9	7
89	Relay cooperative tracking control of networked nonlinear multi-agent systems with communication delays: A data-driven method. Neurocomputing, 2019, 363, 9-16.	3.5	17
90	Composite anti-disturbance control for uncertain Markovian jump systems with actuator saturation based disturbance observer and adaptive neural network. Journal of the Franklin Institute, 2019, 356, 6926-6945.	1.9	12

#	ARTICLE	IF	CITATIONS
91	Disturbance Attenuation and Rejection for Nonlinear Uncertain Switched Systems Subject to Input Saturation. IEEE Access, 2019, 7, 58475-58483.	2.6	8
92	External Consensus Protocol of Networked Multiagent Systems With Communication Delays Under Event-Triggered Mechanisms. IEEE Access, 2019, 7, 25053-25062.	2.6	0
93	Consensus Analysis and Control for Rectangular Singular Multi-agent Systems. , 2019, , .		1
94	Prediction-based Optimal Distributed Filtering with Communication Delay over Sensor Networks. , 2019, , .		2
95	A Novel F-Consensus Protocol and Its Application on Multiple WMRs Formation. , 2019, , .		1
96	Networked multi pipeline pressure synchronous coordinated predictive control based on the model free adaptive method. International Journal of Engineering Systems Modelling and Simulation, 2019, 11, 60.	0.2	2
97	Performance Improvement of NCSs Under Complex Network via Concurrent Paths. Journal of Systems Science and Complexity, 2019, 32, 453-478.	1.6	5
98	Prediction-based approach to finite-time stabilization of networked control systems with time delays and data packet dropouts. Neurocomputing, 2019, 329, 320-328.	3.5	34
99	Parametric control to a type of quasi-linear second-order systems via output feedback. International Journal of Control, 2019, 92, 291-302.	1.2	18
100	Predictive Consensus for Networked Multi-Agent Systems with Switching Topology and Variable Delay. Asian Journal of Control, 2019, 21, 924-933.	1.9	14
101	Preliminaries for Networked Predictive Control. , 2019, , 21-29.		0
102	Networked Predictive Control Based on Nonlinear Input-Output Model. , 2019, , 79-93.		0
103	Networked Predictive Control Based on Linear Input-Output Model. , 2019, , 33-56.		0
104	Secure Networked Control Under Deception Attacks. , 2019, , 147-163.		0
105	A Data Secure Transmission Scheme for Deception Attacks. , 2019, , 127-146.		0
106	Networked Predictive Output Tracking Control Based on State-Space Model. , 2019, , 105-123.		0
107	Collaborative Transportation Using Multi-WMRs via Networked Predictive Control. , 2019, , .		3
108	A Survey on Formation Control of Small Satellites. Proceedings of the IEEE, 2018, 106, 440-457.	16.4	138

#	ARTICLE	IF	CITATIONS
109	Consensus for heterogeneous networked multi-agent systems with switching topology and time-varying delays. <i>Journal of the Franklin Institute</i> , 2018, 355, 4198-4217.	1.9	28
110	An adaptive control allocator for autonomous vehicles with parameter uncertainty. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2018, 232, 807-818.	0.7	2
111	Predictive tracking control of network-based agents with communication delays. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018, 5, 1150-1156.	8.5	9
112	Data-Driven Leader-Follower Output Synchronization for Networked Non-Linear Multi-Agent Systems with Switching Topology and Time-Varying Delays. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 87-102.	1.6	15
113	Group consensus control for networked multi-agent systems with communication delays. <i>ISA Transactions</i> , 2018, 76, 78-87.	3.1	48
114	Prediction-based approach to output consensus of heterogeneous multi-agent systems with delays. <i>IET Control Theory and Applications</i> , 2018, 12, 20-28.	1.2	30
115	Time-Variant Consensus Tracking Control for Networked Planar Multi-Agent Systems with Non-Holonomic Constraints. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 396-418.	1.6	16
116	Stochastic Stabilization of Packet-Based Networked Control Systems. , 2018, , 77-85.		6
117	Tracking Control of Wheeled Mobile Robots with Communication Delay and Data Loss. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 927-945.	1.6	16
118	PHRO: a novel and low-cost multi-robot experiment system. , 2018, , .		0
119	Study on Three-phase Asynchronous Motor Based on Fuzzy Adaptive PI Vector Control. , 2018, , .		0
120	Networked Quadrotor Predictive Control Based on Identified Models. , 2018, , .		1
121	A Fault Tolerance Scheme based on Packet-loss Fault Prediction. , 2018, , .		0
122	Motion Coordination Predictive Formation Control for Networked Multi-Agents. , 2018, , .		0
123	External Consensus in Networked Multi-Agent Systems with Random Network Delay. , 2018, , .		2
124	Electronic magnetic gearing motor analyses and simulations for electric vehicles. <i>IET Electrical Systems in Transportation</i> , 2018, 8, 95-100.	1.5	5
125	Capacitive power transfer through virtual self-capacitance route. <i>IET Power Electronics</i> , 2018, 11, 1110-1118.	1.5	14
126	Dual pipeline pressure synchronous-coordinated control with the assistance of the golden section control method. <i>International Journal of Systems Science</i> , 2018, 49, 2318-2327.	3.7	1

#	ARTICLE	IF	CITATIONS
127	Data-driven consensus for non-linear networked multi-agent systems with switching topology and time-varying delays. IET Control Theory and Applications, 2018, 12, 1773-1779.	1.2	37
128	Design of Large Scale Virtual Equipment for Interactive HIL Control System Labs. IEEE Transactions on Learning Technologies, 2018, 11, 376-388.	2.2	14
129	A Coordinated Tracking Control of Multi-Agent Systems Using Data-Driven Methods. , 2018, , .		1
130	Data-Driven Control With Input Design-Based Data Dropout Compensation for Networked Nonlinear Systems. IEEE Transactions on Control Systems Technology, 2017, 25, 628-636.	3.2	53
131	Input Design-Based Compensation Control for Networked Nonlinear Systems With Random Delays and Packet Dropouts. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 299-303.	2.2	22
132	Consensus and Stability Analysis of Networked Multiagent Predictive Control Systems. IEEE Transactions on Cybernetics, 2017, 47, 1114-1119.	6.2	78
133	Predictive Control of Networked Multiagent Systems via Cloud Computing. IEEE Transactions on Cybernetics, 2017, 47, 1852-1859.	6.2	75
134	Design and implementation of an innovative electronic magnetic gearing motor. Systems Science and Control Engineering, 2017, 5, 9-15.	1.8	0
135	Design and performance analysis of networked predictive control systems based on input-output difference equation model. International Journal of Control, Automation and Systems, 2017, 15, 416-426.	1.6	12
136	Consensus Tracking of Heterogeneous Discrete-Time Networked Multiagent Systems Based on the Networked Predictive Control Scheme. IEEE Transactions on Cybernetics, 2017, 47, 2173-2184.	6.2	25
137	Plug-in Free Web-Based 3-D Interactive Laboratory for Control Engineering Education. IEEE Transactions on Industrial Electronics, 2017, 64, 3808-3818.	5.2	63
138	Application of feedback control on the cloud-based web simulation system. IFAC-PapersOnLine, 2017, 50, 343-348.	0.5	1
139	Data-based predictive control for networked nonlinear systems with packet dropout and measurement noise. Journal of Systems Science and Complexity, 2017, 30, 1072-1083.	1.6	27
140	Admissible consensus for networked singular multi-agent systems with communication delays. International Journal of Systems Science, 2017, 48, 705-714.	3.7	16
141	External consensus of networked multi-agent systems with nonlinear dynamics and random network delay. , 2017, , .		1
142	Consensus for a class of singular multi-agent systems based on pseudo predictive control. , 2017, , .		0
143	Optimization Oriented Performance Assessment for Combustion Process of Coke Oven * *This work is supported by the National Natural Science Foundation of China under Grants 61573379, 61333003 and 61690212, the Hubei Provincial Natural Science Foundation of China under Grant 2015CFA010 and the 111 project under Grant B17040. IFAC-PapersOnLine, 2017, 50, 13778-13783.	0.5	2
144	Earliest-arrival path: A global optimized transmission for networked control systems. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
145	An adaptive control allocation algorithm for nonlinear vehicles with parameter uncertainty. , 2017, , .		0
146	Optimal consensus protocols based on the LQR perspective. , 2017, , .		1
147	Design and detection of false data injection attacks against output tracking control systems. , 2017, , .		2
148	Multi-hop consensus for high-order integrator multi-agent systems. , 2017, , .		0
149	Data-driven networked predictive control of a class of nonlinear systems with random packet dropouts. , 2017, , .		0
150	Admissible consensus analysis and control for a class of singular multi-agent systems. , 2017, , .		0
151	A Robust High-Accuracy Ultrasound Indoor Positioning System Based on a Wireless Sensor Network. Sensors, 2017, 17, 2554.	2.1	98
152	Recent Advances on the Theory and Applications of Hybrid Systems. Mathematical Problems in Engineering, 2016, 2016, 1-2.	0.6	0
153	Consensus of networked multi-agent systems with variable delay: Predictive scheme. , 2016, , .		0
154	Effects of uncertainties in frequency regulations on probabilistic power flow analysis. , 2016, , .		1
155	Remote tracking of nonholonomic mobile robots via networked predictive control. , 2016, , .		1
156	Design and implementation of wireless sensor network node for rotating electrical machine. , 2016, , .		3
157	A novel NCS simulation and experimental platform. , 2016, , .		1
158	External consensus in multi-agent systems with large consecutive data loss under unreliable networks. IET Control Theory and Applications, 2016, 10, 989-1000.	1.2	5
159	Output consensus of networked multi-agent systems with time-delay compensation scheme. Journal of the Franklin Institute, 2016, 353, 917-935.	1.9	12
160	Tradeoffs Between Transmission Intervals and Delays for Decentralized Networked Control Systems Based on a Gain Assignment Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 498-502.	2.2	18
161	Data-Based Predictive Control for Networked Nonlinear Systems With Network-Induced Delay and Packet Dropout. IEEE Transactions on Industrial Electronics, 2016, 63, 1249-1257.	5.2	144
162	Networked predictive control for nonlinear systems with stochastic disturbances in the presence of data losses. Neurocomputing, 2016, 194, 56-64.	3.5	9

#	ARTICLE	IF	CITATIONS
163	Two-Channel False Data Injection Attacks Against Output Tracking Control of Networked Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 3242-3251.	5.2	171
164	On Input-to-State Stability of Switched Stochastic Nonlinear Systems Under Extended Asynchronous Switching. IEEE Transactions on Cybernetics, 2016, 46, 1092-1105.	6.2	105
165	Design and Performance Analysis of Incremental Networked Predictive Control Systems. IEEE Transactions on Cybernetics, 2016, 46, 1400-1410.	6.2	52
166	Admissible consensus for heterogeneous descriptor multi-agent systems. International Journal of Systems Science, 2016, 47, 2869-2877.	3.7	13
167	A novel localization method for indoor mobile robot based on odometry and ceiling visual features. , 2015, , .		1
168	Dynamic partitioning technology based on trend information of bulk power system. , 2015, , .		0
169	Less conservative stability criteria for linear systems with interval time-varying delays. International Journal of Robust and Nonlinear Control, 2015, 25, 475-485.	2.1	23
170	Consensus tracking control of leader-follower multi-agent systems based on the networked predictive control scheme. , 2015, , .		1
171	Design of formation control architecture based on leader-following approach. , 2015, , .		2
172	Model-based remote control of nonholonomic wheeled robot with time delay and packet loss in forward channel. , 2015, , .		1
173	Stability Analysis and Stabilization of a Class of Cutting Systems With Chatter Suppression. IEEE/ASME Transactions on Mechatronics, 2015, 20, 991-996.	3.7	16
174	Data-based predictive control for networked nonlinear systems with two-channel packet dropouts. IET Control Theory and Applications, 2015, 9, 1154-1161.	1.2	33
175	Consensus of networked multi-agent systems with diverse time-varying communication delays. Journal of the Franklin Institute, 2015, 352, 2934-2950.	1.9	35
176	An orthogonal approach to reusable component discovery in cloud migration. China Communications, 2015, 12, 134-151.	2.0	4
177	Networked predictive control and its simple application into a class of bilinear systems. , 2015, , .		2
178	Design and analysis of networked nonlinear predictive control systems. IET Control Theory and Applications, 2015, 9, 1740-1745.	1.2	24
179	A real-time Networked Control framework based on mobile phones. , 2015, , .		4
180	Design and Practical Implementation of External Consensus Protocol for Networked Multiagent Systems With Communication Delays. IEEE Transactions on Control Systems Technology, 2015, 23, 619-631.	3.2	23

#	ARTICLE	IF	CITATIONS
181	Setpoint control of networked systems via static output feedback integral controller. IET Control Theory and Applications, 2014, 8, 1581-1587.	1.2	3
182	Model-based predictive controller design for a class of nonlinear networked systems with communication delays and data loss. Chinese Physics B, 2014, 23, 080202.	0.7	3
183	Consensus of descriptor multi-agent systems via dynamic compensators. IET Control Theory and Applications, 2014, 8, 389-398.	1.2	33
184	Containment control for multi-agent systems via impulsive algorithms without velocity measurements. IET Control Theory and Applications, 2014, 8, 2033-2044.	1.2	25
185	Predictive control of uncertain networked systems with distributed forward delays. , 2014, , .		4
186	Limit-bandwidth networked predictive control of systems with communication delay and data loss in the feedback channel. , 2014, , .		1
187	Observer-based synchronization control of networked multi-agent systems with communication delays and data loss. , 2014, , .		1
188	Networked predictive control of linear switched systems. , 2014, , .		1
189	Design and implement of multi-agent communication platform based on network delay prediction. , 2014, , .		1
190	Design & Implementation of an innovative PMDC motor for Electric Vehicle. , 2014, , .		3
191	Disturbance rejection for time-delay systems based on the equivalent-input-disturbance approach. Journal of the Franklin Institute, 2014, 351, 3364-3377.	1.9	53
192	Predictive Output Feedback Control for Networked Control Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 512-520.	5.2	283
193	Output Tracking Control for Networked Systems: A Model-Based Prediction Approach. IEEE Transactions on Industrial Electronics, 2014, 61, 4867-4877.	5.2	108
194	An algorithm to remove noise from locomotive bearing vibration signal based on adaptive EMD filter. , 2014, , .		4
195	Implementation of predictive controllers for NMAS consensus with neighbour agent delay. , 2014, , .		0
196	Design and implementation of networked real-time control system with image processing capability. , 2014, , .		3
197	Input-to-State Stability for Networked Predictive Control With Random Delays in Both Feedback and Forward Channels. IEEE Transactions on Industrial Electronics, 2014, 61, 3519-3526.	5.2	103
198	Stability Analysis of A Class of Hybrid Stochastic Retarded Systems Under Asynchronous Switching. IEEE Transactions on Automatic Control, 2014, 59, 1511-1523.	3.6	117

#	ARTICLE	IF	CITATIONS
199	Robust disturbance rejection in modified repetitive control system. Systems and Control Letters, 2014, 70, 100-108.	1.3	49
200	Quadratic Equality Constrained Tracking Algorithm Using TDOA measurements. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5035-5039.	0.4	0
201	A New Method of Self-calibration of Hand-Eye Systems Based on Active Vision. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 9347-9352.	0.4	1
202	Consensus of Singular Multi-agent Systems Based on Networked Predictive Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 8329-8334.	0.4	0
203	A New Clustering Algorithm based on ACO and K-medoids Optimization Methods. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 9727-9731.	0.4	8
204	Packet-Based Communication and Control Co-Design for Networked Control Systems. , 2014, , 221-244.		0
205	Predictive controller for networked multi-agent systems with communication delay and packet loss. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 140203.	0.2	3
206	Using time delay compensation scheme in dynamic output feedback controller for networked control systems. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 090205.	0.2	4
207	Networked Predictive Fuzzy Control of Systems with Forward Channel Delays based on a Linear Model Predictor. International Journal of Computers, Communications and Control, 2014, 9, 471.	1.2	6
208	Max ϵ -plus matrix method and cycle time assignability and feedback stabilizability for min ϵ -max ϵ -plus systems. Mathematics of Control, Signals, and Systems, 2013, 25, 197-229.	1.4	4
209	Active Disturbance Rejection Control Based on an Improved Equivalent-Input-Disturbance Approach. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1410-1413.	3.7	41
210	On the delay effects of different channels in Internet-based networked control systems. International Journal of Systems Science, 2013, 44, 2119-2129.	3.7	7
211	Design, Analysis and Real-time Implementation of Networked Predictive Control Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2013, 39, 1769-1777.	1.5	14
212	Consensus of Discrete-Time Linear Networked Multi-Agent Systems With Communication Delays. IEEE Transactions on Automatic Control, 2013, 58, 2962-2968.	3.6	82
213	Real-time experimental platform of networked control systems based on PC/104 controller and web laboratory. , 2013, , .		2
214	Global bounded consensus of multi-agent systems with non-identical nodes and communication time-delay topology. International Journal of Systems Science, 2013, 44, 346-357.	3.7	6
215	Delay ϵ -dependent robust dissipative filtering of stochastic genetic regulatory networks with time ϵ -varying delays. IET Control Theory and Applications, 2013, 7, 1520-1528.	1.2	14
216	Robust disturbance rejection based on equivalent ϵ -input ϵ -disturbance approach. IET Control Theory and Applications, 2013, 7, 1261-1268.	1.2	41

#	ARTICLE	IF	CITATIONS
217	Networked Predictive Control of Uncertain Systems With Multiple Feedback Channels. IEEE Transactions on Industrial Electronics, 2013, 60, 5228-5238.	5.2	39
218	Web-Based 3-D Control Laboratory for Remote Real-Time Experimentation. IEEE Transactions on Industrial Electronics, 2013, 60, 4673-4682.	5.2	60
219	A Virtual and Remote Control Laboratory in Moodle: The Ball and Beam System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 72-77.	0.4	9
220	Design, Analysis and Real-time Implementation of Networked Predictive Control Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2013, 39, 1769.	0.3	5
221	Step Output Tracking Controller Design for Networked Control Systems. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2013, 17, 813-817.	0.5	1
222	New stability criteria for linear systems with time-varying interval delay. , 2012, , .		1
223	Modelling of hybrid plus retrofit hybrid system. , 2012, , .		0
224	Consensusability of discrete-time linear networked multi-agent systems. , 2012, , .		1
225	Design and implementation of real-time control system using RTAI and Matlab/RTW. , 2012, , .		4
226	Output consensus of linear multi-agent systems. , 2012, , .		2
227	Video transmission on JXTA. , 2012, , .		0
228	Leakage Fault Diagnosis for an Internet-Based Three-Tank System: An Experimental Study. IEEE Transactions on Control Systems Technology, 2012, 20, 857-870.	3.2	77
229	Global bounded controlled consensus of multi-agents systems with non-identical nodes and communication time-delay topology. , 2012, , .		0
230	Global controlled consensus of multi-agent systems with different agent dynamics and time-varying communication delay. , 2012, , .		0
231	Networked real-time controller based on PC/104. , 2012, , .		5
232	Necessary and Sufficient Consensus Conditions of Descriptor Multi-agent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 2669-2677.	3.5	111
233	Control of chaotic systems with uncertain parameters and stochastic disturbance by LMPC. , 2012, , .		0
234	A real-time optimization control strategy for power management in fuel cell/battery hybrid power sources. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
235	A novel decoupling control method for multivariable systems with disturbances. , 2012, , .		0
236	Design and Implementation of Secure Networked Predictive Control Systems Under Deception Attacks. IEEE Transactions on Control Systems Technology, 2012, 20, 1334-1342.	3.2	207
237	Global Bounded Consensus of Multiagent Systems With Nonidentical Nodes and Time Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1480-1488.	5.5	46
238	Consensus of networked multi-agent systems via the networked predictive control and relative outputs. Journal of the Franklin Institute, 2012, 349, 2343-2356.	1.9	20
239	Compensation and stochastic modeling of discrete-time networked control systems with data packet disorder. International Journal of Control, Automation and Systems, 2012, 10, 1055-1063.	1.6	15
240	Offline model predictive control-based gain scheduling for networked control systems. IET Control Theory and Applications, 2012, 6, 2585-2591.	1.2	9
241	Consensus of networked multi-agent systems with communication delays based on the networked predictive control scheme. International Journal of Control, 2012, 85, 851-867.	1.2	24
242	Secure transmission mechanism for networked control systems under deception attacks. , 2011, , .		20
243	Consensus conditions of linear descriptor multi-agent systems. , 2011, , .		7
244	Guaranteed cost control for networked control systems with stochastic protocols. , 2011, , .		0
245	Controlled consensus of multi-agent systems with communication time delay. , 2011, , .		2
246	L_2 -Gain of Systems With Input Delays and Controller Temporary Failure: Zero-Order Hold Model. IEEE Transactions on Control Systems Technology, 2011, 19, 699-706.	3.2	67
247	PDV-based packet length allocation for networked control systems. , 2011, , .		0
248	Model-based compensation for multi-packet transmission in networked control systems. , 2011, , .		5
249	Consensus of networked multi-agent systems based on the networked predictive control scheme. , 2011, , .		4
250	H_∞ predictive control of networked control systems. International Journal of Control, 2011, 84, 1080-1097.	1.2	43
251	An Adaptive Teleoperation Based On Predictive Control. Procedia Engineering, 2011, 16, 151-156.	1.2	4
252	Analysis and Synthesis of Networked Control Systems. Lecture Notes in Control and Information Sciences, 2011, , .	0.6	88

#	ARTICLE	IF	CITATIONS
253	Filtering for Discrete-Time Networked Nonlinear Systems With Mixed Random Delays and Packet Dropouts. IEEE Transactions on Automatic Control, 2011, 56, 2655-2660.	3.6	252
254	State feedback controller design and stability analysis of networked predictive control systems. , 2011, , .		2
255	Error Bounded Sensing for Packet-Based Networked Control Systems. IEEE Transactions on Industrial Electronics, 2011, 58, 1980-1989.	5.2	50
256	H ∞ filtering for networked systems with stochastic protocols. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 4250-4255.	0.4	0
257	Group consensus of networked multi-agent systems with directed topology. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8878-8883.	0.4	29
258	Global Bounded Controlled Consensus of Networked Multi-Agents Systems with Non-Identical Dynamical Agents. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 245-250.	0.4	0
259	Secure Networked Control Systems under Denial of Service Attacks*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8908-8913.	0.4	42
260	Controlled Consensus Criteria for a Class of Uncertain Multi-Agent Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 5448-5452.	0.4	0
261	Network-based feedback control for systems with mixed delays based on quantization and dropout compensation. Automatica, 2011, 47, 2805-2809.	3.0	307
262	Networked predictive control for Hammerstein systems. Asian Journal of Control, 2011, 13, 265-272.	1.9	4
263	Stabilization analysis and implementation for MIMO NCS with time-varying delays. International Journal of Adaptive Control and Signal Processing, 2011, 25, 639-652.	2.3	10
264	Trajectory tracking compensation for teleoperation with transmission delays. Robotica, 2011, 29, 863-871.	1.3	7
265	H ∞ control of networked control systems based on event-time-driven model. International Journal of Systems Science, 2011, 42, 1735-1745.	3.7	4
266	Stabilization for a class of complex interlaced systems using asymptotical gain. Asian Journal of Control, 2010, 12, 223-230.	1.9	3
267	Improved H ∞ Filtering for Systems with Time-Varying Delay. Circuits, Systems, and Signal Processing, 2010, 29, 377-389.	1.2	9
268	Stability of linear discrete switched systems with delays based on average dwell time method. Science China Information Sciences, 2010, 53, 1216-1223.	2.7	6
269	Improved stability criteria for linear systems with time-varying delay. IET Control Theory and Applications, 2010, 4, 683-689.	1.2	51
270	Stability and stabilisation of discrete-time networked control systems: a new time delay system approach. IET Control Theory and Applications, 2010, 4, 1859-1866.	1.2	31

#	ARTICLE	IF	CITATIONS
271	New delay-dependent stability criteria for neural networks with time-varying interval delay. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4397-4405.	0.9	38
272	Improved delay-range-dependent stability criteria for linear systems with time-varying delays. Automatica, 2010, 46, 466-470.	3.0	517
273	Stability analysis for networked control systems based on average dwell time method. International Journal of Robust and Nonlinear Control, 2010, 20, 1774-1784.	2.1	95
274	Controlled consensus of multi-agent systems with different agent dynamics. , 2010, , .		0
275	Design and realization of networked control experiments in a web-based laboratory. , 2010, , .		3
276	Stability criteria and output feedback controller design for MIMO networked control systems with network constraints. , 2010, , .		0
277	Packet-Based Deadband Control for Internet-Based Networked Control Systems. IEEE Transactions on Control Systems Technology, 2010, 18, 1057-1067.	3.2	55
278	Transient behavior comparison of fuel cell only and fuel cell hybrid powertrain. , 2010, , .		1
279	Modelling and Control of Fuel Cell Hybrid Electric Vehicle Systems. , 2010, , .		0
280	Model-based recursive networked predictive control. , 2010, , .		1
281	Static output feedback stability analysis and synthesis for MIMO NCS with time-varying delays. , 2010, , .		0
282	Discussion on: "Robust Fault Detection Observer and Fault Estimation Filter Design for LTI Systems Based on GKYP Lemma". European Journal of Control, 2010, 16, 386-387.	1.6	0
283	Wide-area monitoring and control algorithms for large power systems using synchrophasors. , 2010, , .		5
284	Actively Compensating for Data Packet Disorder in Networked Control Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 913-917.	2.2	29
285	Predictive Controller Design of Networked Systems With Communication Delays and Data Loss. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 481-485.	2.2	165
286	H_{∞} Controller Design for Networked Predictive Control Systems Based on the Average Dwell-Time Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 310-314.	2.2	46
287	NCSLab: A Web-Based Global-Scale Control Laboratory With Rich Interactive Features. IEEE Transactions on Industrial Electronics, 2010, 57, 3253-3265.	5.2	69
288	H_{∞} Control for Networked Predictive Control Systems Based on the Switched Lyapunov Function Method. IEEE Transactions on Industrial Electronics, 2010, 57, 3565-3571.	5.2	108

#	ARTICLE	IF	CITATIONS
289	The use of visualisation and simulation techniques to model the splicing process. Journal of the Textile Institute, 2010, 101, 859-869.	1.0	8
290	Comparing the delay effects in different channels in packet-based networked control systems. , 2010, , .		0
291	Guaranteed Cost Control for Networked Control Systems Based on an Improved Predictive Control Method. IEEE Transactions on Control Systems Technology, 2010, 18, 1226-1232.	3.2	59
292	Hybrid model of fuel cell system using wavelet network and PSO algorithm. , 2010, , .		2
293	Networked predictive control for Hammerstein-Wiener systems via output feedback. , 2009, , .		1
294	A solution of web-based real-time control laboratories. , 2009, , .		1
295	Modeling and control of hybrid power-train systems with a PEM fuel cell and supercapacitor. , 2009, , .		0
296	Stability analysis for networked control systems based on event-time-driven mode. International Journal of Control, 2009, 82, 2260-2266.	1.2	32
297	L 2-gain analysis for networked predictive control systems based on switching method. International Journal of Control, 2009, 82, 1148-1156.	1.2	16
298	Design and implementation of a service-oriented web-based control laboratory. , 2009, , .		2
299	Delay-range-dependent and rate-range-dependent stability criteria for linear systems with time-varying delays. , 2009, , .		1
300	Design and implementation of data encryption for networked control systems. , 2009, , .		4
301	On robust stability of uncertain neutral systems with discrete and distributed delays. , 2009, , .		13
302	Oscillation monitoring system using synchrophasors. , 2009, , .		29
303	Stability criteria for a class of MIMO networked control systems with network constraints. , 2009, , .		0
304	Stochastic stability analysis of packet-based networked control systems. , 2009, , .		2
305	Networked predictive control of magnetic levitation system. , 2009, , .		10
306	Analysis of networked predictive control systems with uncertainties. , 2009, , .		7

#	ARTICLE	IF	CITATIONS
307	Stability and stabilization for discrete systems with time-varying delays based on the average dwell-time method. , 2009, , .		3
308	Using deadband in packet-based networked control systems. , 2009, , .		2
309	Robust adaptive sliding mode control for uncertain timeâ€delay systems. International Journal of Adaptive Control and Signal Processing, 2009, 23, 863-881.	2.3	27
310	Output feedback stabilization for a class of nonlinear time-evolution systems. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 2654-2664.	0.6	6
311	Modeling and identification of a PEM fuel cell humidification system. Journal of Control Theory and Applications, 2009, 7, 373-378.	0.8	2
312	Delay-Dependent Robust H ∞ Filter Design for Uncertain Linear Systems with Time-Varying Delay. Circuits, Systems, and Signal Processing, 2009, 28, 763-779.	1.2	9
313	Stabilization of complex cascade systems using boundedness information in finite time. International Journal of Robust and Nonlinear Control, 2009, 19, 1150-1167.	2.1	10
314	Output feedback control for uncertain linear systems with faulty actuators based on a switching method. International Journal of Robust and Nonlinear Control, 2009, 19, 1295-1312.	2.1	50
315	Delayâ€dependent stability and stabilization of neutral timeâ€delay systems. International Journal of Robust and Nonlinear Control, 2009, 19, 1364-1375.	2.1	274
316	Improved stability criteria for neural networks with time-varying delay. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 342-348.	0.9	65
317	Optimal fuzzy power control and management of fuel cell/battery hybrid vehicles. Journal of Power Sources, 2009, 192, 525-533.	4.0	217
318	$\frac{H}{H} > \frac{H}{H}$ filtering for discrete-time systems with time-varying delay. Signal Processing, 2009, 89, 275-282.		
319	A new delayâ€dependent stability criterion for timeâ€delay systems. Asian Journal of Control, 2009, 11, 427-431.	1.9	18
320	Design of a Packet-Based Control Framework for Networked Control Systems. IEEE Transactions on Control Systems Technology, 2009, 17, 859-865.	3.2	124
321	Optimising splicing parameters for splice aesthetics for a continuous filament synthetic yarn. Journal of the Textile Institute, 2009, 100, 141-151.	1.0	12
322	Wide-Area monitoring and control algorithms for large power systems using synchrophasors. , 2009, , .		14
323	Real-Time Implementation of Adaptive State Feedback Predictive Control of PEM Fuel Cell Flow Systems Using the Singular Pencil Model Method. IEEE Transactions on Control Systems Technology, 2009, 17, 697-706.	3.2	8
324	Networked Data Fusion With Packet Losses and Variable Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1107-1120.	5.5	98

#	ARTICLE	IF	CITATIONS
325	Modeling and Stabilization of Continuous-Time Packet-Based Networked Control Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1646-1652.	5.5	49
326	Robust Sliding-Mode Control for Uncertain Time-Delay Systems Based on Delta Operator. IEEE Transactions on Industrial Electronics, 2009, 56, 3646-3655.	5.2	87
327	Predictive control of networked systems with random delay and data dropout. IET Control Theory and Applications, 2009, 3, 1476-1486.	1.2	98
328	On Improved Delay-dependent Stability Criteria for Neutral Time-delay Systems. European Journal of Control, 2009, 15, 613-623.	1.6	8
329	Robust fuzzy controller development for a PEM fuel cell system. International Journal of Advanced Mechatronic Systems, 2009, 1, 223.	0.1	12
330	QoS Scheduling Based on Trust Relationship in Web Service Workflow. Jisuanji Xuebao/Chinese Journal of Computers, 2009, 32, 42-53.	0.3	9
331	Robust Constrained Model Predictive Control Based on $\hat{\mu}$ Parameter-Dependent Lyapunov Functions. Circuits, Systems, and Signal Processing, 2008, 27, 429-446.	1.2	17
332	Intelligent control for improvements in PEM fuel cell flow performance. International Journal of Automation and Computing, 2008, 5, 145-151.	4.5	25
333	Robust delay-dependent sliding mode control for uncertain time-delay systems. International Journal of Robust and Nonlinear Control, 2008, 18, 1142-1161.	2.1	33
334	Delay-dependent stability for discrete systems with large delay sequence based on switching techniques. Automatica, 2008, 44, 2902-2908.	3.0	167
335	Networked Predictive Control Over the Internet Using Round-Trip Delay Measurement. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 2231-2241.	2.4	49
336	Design and Implementation of Web-Based Control Laboratory for Test Rigs in Geographically Diverse Locations. IEEE Transactions on Industrial Electronics, 2008, 55, 2343-2354.	5.2	43
337	State feedback stabilization of single-input min-max-plus systems. , 2008, , .		1
338	Stability of Systems With Controller Failure and Time-Varying Delay. IEEE Transactions on Automatic Control, 2008, 53, 2391-2396.	3.6	186
339	Data fusion over network. , 2008, , .		1
340	Real-time Simplified Variable Domain Fuzzy Control of PEM Fuel Cell Flow Systems. European Journal of Control, 2008, 14, 223-233.	1.6	17
341	Stabilisation designs for the inertia wheel pendulum using saturation techniques. International Journal of Systems Science, 2008, 39, 1203-1214.	3.7	11
342	Stability Analysis for Linear Switched Systems With Time-Varying Delay. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 528-533.	5.5	228

#	ARTICLE	IF	CITATIONS
343	A Predictive Control-Based Approach to Networked Hammerstein Systems: Design and Stability Analysis. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 700-708.	5.5	49
344	Output Feedback Stabilization for a Discrete-Time System With a Time-Varying Delay. IEEE Transactions on Automatic Control, 2008, 53, 2372-2377.	3.6	286
345	Oscillation monitoring from ambient PMU measurements by Frequency Domain Decomposition. , 2008, , .		40
346	Integrated predictive control and scheduling co-design for networked control systems. IET Control Theory and Applications, 2008, 2, 7-15.	1.2	74
347	Improved predictive control approach to networked control systems. IET Control Theory and Applications, 2008, 2, 675-681.	1.2	57
348	Networked Predictive Control Systems Based on the Hammerstein Model. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 469-473.	2.2	34
349	Networked predictive control of systems with random delay in signal transmission channels. International Journal of Systems Science, 2008, 39, 1055-1064.	3.7	44
350	Improvement of State Feedback Controller Design for Networked Control Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 464-468.	2.2	73
351	Design and Practical Implementation of Internet-Based Predictive Control of a Servo System. IEEE Transactions on Control Systems Technology, 2008, 16, 158-168.	3.2	58
352	Networked nonlinear model predictive control of the ball and beam system. , 2008, , .		6
353	Further results on stability criteria for linear systems with time-varying delay. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	3
354	Design and stability analysis of packet-based networked control systems in continuous time. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
355	State feedback stabilization of networked control systems. , 2008, , .		7
356	Vision-based Fuzzy Coordination Control for Multiple Robots. , 2008, , .		3
357	New delay-dependent H_{∞} control for systems with a time-varying delay. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 13355-13360.	0.4	0
358	Design and Implementation of On-Line Self-Tuning Control for PEM Fuel Cells. World Electric Vehicle Journal, 2008, 2, 242-252.	1.6	13
359	Analysis and Design of Networked Predictive Control Systems. , 2008, , 95-119.		3
360	Robust Adaptive Control of Induction Motor Based On Perturbation Estimation. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
361	Sliding mode control for uncertain discrete-time delayed systems. , 2007, , .		0
362	Networked Predictive Control System with Data Compression. , 2007, , .		8
363	Observer-based H control for a class of nonlinear networked systems. , 2007, , .		2
364	The use of the Taguchi design of experiment method in optimizing splicing conditions for a Nylon 66 yarn. Journal of the Textile Institute, 2007, 98, 327-336.	1.0	21
365	Time Delay Compensation and Stability Analysis of Networked Predictive Control Systems Based on Hammerstein Model. , 2007, , .		4
366	Predictive control of networked non-linear control systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2007, 221, 453-463.	0.7	3
367	Simulation and Visualization of Empirical Traffic Models Using VISSIM. , 2007, , .		4
368	Active disturbance rejection control for uncertain multivariable systems with time-delay. IET Control Theory and Applications, 2007, 1, 75-81.	1.2	176
369	Augmented Lyapunov functional for the calculation of stability interval for time-varying delay. IET Control Theory and Applications, 2007, 1, 381-386.	1.2	21
370	Sliding mode control of uncertain linear discrete time systems with input delay. IET Control Theory and Applications, 2007, 1, 1169-1175.	1.2	76
371	Improved stabilisation method for networked control systems. IET Control Theory and Applications, 2007, 1, 1580-1585.	1.2	80
372	An Oscillation Monitoring System for Real-time Detection of Small-Signal Instability in Large Electric Power Systems. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	16
373	Improved Delay-dependent Stability Criteria for Systems with Nonlinear Perturbations. European Journal of Control, 2007, 13, 356-365.	1.6	23
374	Oscillation monitoring system based on wide area synchrophasors in power systems. , 2007, , .		71
375	New stability and stabilization conditions for systems with time-delay. International Journal of Systems Science, 2007, 38, 17-24.	3.7	72
376	Stability Analysis of Networked Predictive Control Systems with Random Network Delay. , 2007, , .		22
377	Controller or actuator failure analysis for systems with time-varying delay. , 2007, , .		0
378	Networked Control of PEM Fuel Cells Using an Adaptive Predictive Control Approach. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
379	Real-time Performance Analysis of Industrial Embedded Control Systems Using Switched Ethernet. , 2007, , .		3
380	Design of Supervisory Software for Ethernet-Based Control Systems. , 2007, , .		7
381	Design and Stability Criteria of Networked Predictive Control Systems With Random Network Delay in the Feedback Channel. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 173-184.	3.3	203
382	A Simplified GPC Algorithm of Networked Control Systems. , 2007, , .		8
383	Structure Design and Application of Embedded Ethernet Based Control Systems. , 2007, , .		11
384	QoS Scheduling Algorithm Based on Hybrid Particle Swarm Optimization Strategy for Grid Workflow. , 2007, , .		10
385	State Feedback Controller Design for Networked Control System with Random Network-Induced Delay and Packet Loss. , 2007, , .		3
386	Stability Analysis for Neural Networks With Time-Varying Interval Delay. IEEE Transactions on Neural Networks, 2007, 18, 1850-1854.	4.8	264
387	Event-Driven Networked Predictive Control. IEEE Industrial Electronics Magazine, 2007, 54, 1603-1613.	2.3	95
388	New Delay-Dependent Stability Criteria for Neural Networks With Time-Varying Delay. IEEE Transactions on Neural Networks, 2007, 18, 310-314.	4.8	468
389	Improved delay-dependent stability criteria for systems with nonlinear perturbations. , 2007, , .		0
390	State feedback and output feedback control of a class of nonlinear systems with delayed measurements. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 1623-1636.	0.6	20
391	Inference and learning methodology of belief-rule-based expert system for pipeline leak detection. Expert Systems With Applications, 2007, 32, 103-113.	4.4	231
392	RScan: fast searching structural similarities for structured RNAs in large databases. BMC Genomics, 2007, 8, 257.	1.2	4
393	Networked Predictive Control of Systems With Random Network Delays in Both Forward and Feedback Channels. IEEE Industrial Electronics Magazine, 2007, 54, 1282-1297.	2.3	382
394	Globally optimal solutions of max ϵ -min systems. Journal of Global Optimization, 2007, 39, 347-363.	1.1	16
395	Networked control and supervision system based on LonWorks fieldbus and Intranet/Internet. Central South University, 2007, 14, 260-265.	0.5	7
396	Hybrid scheduling model and analysis of performance for switched industrial Ethernet. Central South University, 2007, 14, 271-277.	0.5	1

#	ARTICLE	IF	CITATIONS
397	An Approach to Constructing Web Service Workflow Based on Business Spanning Graph. Ruan Jian Xue Bao/Journal of Software, 2007, 18, 1870.	0.3	23
398	On delay-dependent stability of neutral time-delay systems. , 2007, , .		0
399	On Designing of Sliding-Mode Control for Stochastic Jump Systems. IEEE Transactions on Automatic Control, 2006, 51, 97-103.	3.6	606
400	Design and stability analysis of networked control systems with random communication time delay using the modified MPC. International Journal of Control, 2006, 79, 288-297.	1.2	250
401	Improving the performance of the ALSTOM baseline controller using multiobjective optimisation. IET Control Theory and Applications, 2006, 153, 286-292.	1.7	19
402	Design and Realization of Motor Control System Based on Stateflow and Ethernet. , 2006, , .		1
403	Development of Networked Robot Fish Control Systems. , 2006, , .		4
404	Output Feedback Stabilization for Discrete-time Systems with A Time-varying Delay. , 2006, , .		7
405	Design and Implementation of Networked Predictive Control over Wireless IP Networks. , 2006, , .		1
406	System Architecture Design of Supervisory Software for Networked Control Systems. , 2006, , .		3
407	Design and Simulation of Fuel Cell Networked Predictive Fuzzy Control Systems. , 2006, , .		2
408	Robust stability for delay Lur'e control systems with multiple nonlinearities. Journal of Computational and Applied Mathematics, 2005, 176, 371-380.	1.1	80
409	Advanced controller design for aircraft gas turbine engines. Control Engineering Practice, 2005, 13, 1001-1015.	3.2	95
410	Classification of real and pseudo microRNA precursors using local structure-sequence features and support vector machine. BMC Bioinformatics, 2005, 6, 310.	1.2	417
411	Robust Mixed H_2/H_∞ State-Feedback Control for Continuous-Time Descriptor Systems with Parameter Uncertainties. Circuits, Systems, and Signal Processing, 2005, 24, 431-443.	1.2	32
412	H-infinity control for networked control systems (NCS) with time-varying delays. Journal of Control Theory and Applications, 2005, 3, 157-162.	0.8	9
413	Design, Simulation and Implementation of Networked Predictive Control Systems. Measurement and Control, 2005, 38, 17-21.	0.9	22
414	On Absolute Stability of Lur'e Control Systems with Multiple Non-Linearities. European Journal of Control, 2005, 11, 19-28.	1.6	6

#	ARTICLE	IF	CITATIONS
415	State feedback stabilization and majorizing achievement of min-max-plus systems. IEEE Transactions on Automatic Control, 2005, 50, 2027-2033.	3.6	12
416	Architecture design for internet-based control systems. International Journal of Automation and Computing, 2004, 1, 1-9.	4.5	13
417	Delay-dependent robust stability criteria for uncertain neutral systems with mixed delays. Systems and Control Letters, 2004, 51, 57-65.	1.3	634
418	Delay-dependent criteria for robust stability of time-varying delay systems. Automatica, 2004, 40, 1435-1439.	3.0	995
419	Environment exploration using a navigation algorithm based on virtual centrifugal force. , 2004, , .		0
420	Parameter-Dependent Lyapunov Functional for Stability of Time-Delay Systems With Polytopic-Type Uncertainties. IEEE Transactions on Automatic Control, 2004, 49, 828-832.	3.6	644
421	ROBUST EIGENVALUE ASSIGNMENT IN DESCRIPTOR SYSTEMS VIA OUTPUT FEEDBACK. Asian Journal of Control, 2004, 6, 145-154.	1.9	9
422	Minimal positive realizations of a class of third-order systems. , 2004, , .		4
423	Industrial applications of advanced control techniques. Central South University, 2003, 10, 265-271.	0.5	2
424	Eigenstructure assignment design for proportional-integral observers: the discrete-time case. International Journal of Systems Science, 2003, 34, 357-363.	3.7	4
425	Discussion on "Robust Pole Assignment in Descriptor Linear Systems via State Feedback" by G.-R. Duan, N.K. Nichols and G.-P. Liu. European Journal of Control, 2002, 8, 150-151.	1.6	0
426	Robust Pole Assignment in Descriptor Linear Systems via State Feedback. European Journal of Control, 2002, 8, 136-149.	1.6	23
427	Complete parametric approach for eigenstructure assignment in a class of second-order linear systems. Automatica, 2002, 38, 725-729.	3.0	125
428	On Stability of Dynamical Controllers Using Pole Assignment. European Journal of Control, 2001, 7, 58-66.	1.6	3
429	Robust model reference control for multivariable linear systems subject to parameter uncertainties. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2001, 215, 599-610.	0.7	20
430	Design of stable proportional-integral-plus controllers. International Journal of Control, 2001, 74, 1581-1587.	1.2	5
431	Adaptive predictive control of combustor NOx emissions. Control Engineering Practice, 2001, 9, 631-638.	3.2	12
432	Optimal-tuning PID control for industrial systems. Control Engineering Practice, 2001, 9, 1185-1194.	3.2	117

#	ARTICLE	IF	CITATIONS
433	Eigenstructure assignment design for proportional-integral observers: continuous-time case. IET Control Theory and Applications, 2001, 148, 263-267.	1.7	41
434	Optimal-tuning nonlinear PID control of hydraulic systems. Control Engineering Practice, 2000, 8, 1045-1053.	3.2	127
435	Disturbance attenuation in linear systems via dynamical compensators: A parametric eigenstructure assignment approach. IET Control Theory and Applications, 2000, 147, 129-136.	1.7	39
436	Multi-objective optimal-tuning proportional-integral controller design for the ALSTOM gasifier problem. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2000, 214, 395-404.	0.7	16
437	Nonlinear system identification using wavelet networks. International Journal of Systems Science, 2000, 31, 1531-1541.	3.7	28
438	Stable observer-based controller design for robust state-feedback pole assignment. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2000, 214, 313-318.	0.7	1
439	Mixed time- and frequency-domain robust eigenstructure assignment. International Journal of Systems Science, 2000, 31, 63-71.	3.7	10
440	Optimal-tuning PID controller design for a rotary hydraulic system. , 1999, , .		1
441	Partial eigenstructure assignment by state feedback: A complete parametric approach. , 1999, , .		5
442	Stable dynamical controller design via pole assignment. , 1999, , .		0
443	Optimal PID tuning using direct search algorithms. Computing & Control Engineering Journal, 1999, 10, 51-56.	0.0	29
444	Design and implementation of an adaptive predictive controller for combustor NOx emissions. Journal of Process Control, 1999, 9, 485-491.	1.7	6
445	Output-model-based predictive control of unstable combustion systems using neural networks. Control Engineering Practice, 1999, 7, 591-600.	3.2	20
446	Optimal-tuning PID controller design in the frequency domain with application to a rotary hydraulic system. Control Engineering Practice, 1999, 7, 821-830.	3.2	63
447	Multiobjective criteria for neural network structure selection and identification of nonlinear systems using genetic algorithms. IET Control Theory and Applications, 1999, 146, 373-382.	1.7	49
448	Variable neural networks for adaptive control of nonlinear systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 1999, 29, 34-43.	3.3	88
449	Neural network-based variable structure control for nonlinear discrete systems. International Journal of Systems Science, 1999, 30, 1153-1160.	3.7	7
450	Disturbance decoupling in linear systems via dynamical compensators " A parametric eigenstructure assignment approach. , 1999, , .		1

#	ARTICLE	IF	CITATIONS
451	Stable dynamical controller design for robust polynomial pole assignment. IET Control Theory and Applications, 1998, 145, 259-264.	1.7	9
452	On-line identification of nonlinear systems using Volterra polynomial basis function neural networks. Neural Networks, 1998, 11, 1645-1657.	3.3	48
453	Generic parametric controller design using output feedback eigenstructure assignment. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 1998, 212, 71-78.	0.7	2
454	Robust control design based on parametric eigenvalue assignment. International Journal of Systems Science, 1998, 29, 65-74.	3.7	7
455	Predictive control for non-linear systems using neural networks. International Journal of Control, 1998, 71, 1119-1132.	1.2	83
456	Robust eigenstructure assignment for descriptor systems. International Journal of Systems Science, 1998, 29, 75-84.	3.7	3
457	On-line optimization of unknown non-linear systems using a correlation-integration method. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 1998, 212, 473-477.	0.7	1
458	Robust fault detection of dynamic systems via genetic algorithms. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 1997, 211, 357-364.	0.7	14
459	Robust control design using eigenstructure assignment and multi-objective optimization. International Journal of Systems Science, 1996, 27, 871-879.	3.7	20
460	Stable sequential identification of continuous nonlinear dynamical systems by growing radial basis function networks. International Journal of Control, 1996, 65, 53-69.	1.2	22
461	Optimal residual design for fault diagnosis using multi-objective optimization and genetic algorithms. International Journal of Systems Science, 1996, 27, 567-576.	3.7	81
462	Robust Identification with Neural Networks Using Multiobjective Criteria. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 251-256.	0.4	1
463	Robust control of multivariable critical systems. International Journal of Systems Science, 1995, 26, 1907-1918.	3.7	10
464	Parametric state feedback controller design of multivariable systems. International Journal of Control, 1995, 61, 1457-1464.	1.2	27
465	Sensitivity properties of multirate feedback control systems, based on eigenstructure assignment. IEEE Transactions on Automatic Control, 1995, 40, 337-342.	3.6	21
466	Multiobjective controller design using eigenstructure assignment and the method of inequalities. Journal of Guidance, Control, and Dynamics, 1994, 17, 862-864.	1.6	10
467	Robust control design via eigenstructure assignment, genetic algorithms and gradient-based optimisation. IET Control Theory and Applications, 1994, 141, 202-208.	1.7	48
468	Input space and output performance in the frequency domain for critical systems. IEEE Transactions on Automatic Control, 1993, 38, 152-155.	3.6	7

#	ARTICLE	IF	CITATIONS
469	Mean controllers for discrete systems. International Journal of Systems Science, 1992, 23, 2219-2230.	3.7	1
470	Disturbance spaces and sup regulators in discrete time. Systems and Control Letters, 1992, 18, 33-38.	1.3	4
471	Improved results on robust stability of multivariable interval control systems. , 0, , .		3
472	An optimal learning method for constructing belief rule bases. , 0, , .		2
473	Cycle Time Assignability and Feedback Design for Min-Max-Plus Systems. , 0, , .		3
474	Control of Inspection Robots for Power Transmission Lines Based on Remote Video over Internet. , 0, , .		5
475	Adaptive Tracking Design of NCS with Time-varying Signals Using Fuzzy Inverse Model. International Journal of Control, Automation and Systems, 0, , 1.	1.6	0
476	Design and implementation of a mobile terminal cloud supervisory control platform for networked control systems. Transactions of the Institute of Measurement and Control, 0, , 014233122110492.	1.1	3
477	Web-based digital twin online laboratories: Methodologies and implementation. Digital Twin, 0, 2, 3.	0.0	3