

# Qing-Guo Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155  
papers

4,766  
citations

31  
h-index

67  
g-index

175  
ext. papers

6,215  
ext. citations

4.2  
avg, IF

6.36  
L-index

#	Paper	IF	Citations
155	Dual-Path Mixed Domain Residual Threshold Networks for Bearing Fault Diagnosis. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	7
154	Adaptive Neural Networks Command Filtered Control for MIMO Nonlinear Discrete-Time Systems With Input Constraint. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	1
153	Improved ADT method for the switched nonlinear system: stability analysis and application. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	1
152	Guest Editorial Special Issue on Adaptive Learning and Control for Autonomous Vehicles. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 5264-5265	10.3	
151	Neural Network-Based Finite-Time Command Filtering Control for Switched Nonlinear Systems With Backlash-Like Hysteresis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 3268-3273	10.3	28
150	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 1297-1307	3.9	11
149	Discrete-time command filtered adaptive fuzzy fault-tolerant control for induction motors with unknown load disturbances. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 2765-2779	4	5
148	A generalized control scheme for system uncertainty estimation and cancellation. <i>Transactions of the Institute of Measurement and Control</i> , <b>2021</b> , 43, 2921-2933	1.8	0
147	Parametric identification of output error model for sampled systems with integer-type time delay subject to load disturbance with unknown dynamics. <i>IET Control Theory and Applications</i> , <b>2021</b> , 15, 1942-1955	2.5	5
146	A sufficient negative-definiteness condition for cubic functions and application to time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 7361-7371	3.6	4
145	Finite-Time Tracking Control for Nonlinear Systems via Adaptive Neural Output Feedback and Command Filtered Backstepping. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 1474-1485	10.3	22
144	A Decomposition Approach for Synchronization of Heterogeneous Complex Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 853-863	7.3	1
143	Output regulation for stochastic delay systems under asynchronous switching with dissipativity. <i>International Journal of Control</i> , <b>2021</b> , 94, 548-557	1.5	5
142	Subspace identification of Hammerstein-type nonlinear systems subject to unknown periodic disturbance. <i>International Journal of Control</i> , <b>2021</b> , 94, 849-859	1.5	11
141	Finite-Time Adaptive Fuzzy Control for MIMO Nonlinear Systems With Input Saturation via Improved Command-Filtered Backstepping. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10	7.3	32
140	Reachable Set Estimation for Discrete-Time Markovian Jump Neural Networks With Generally Incomplete Transition Probabilities. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1311-1321	10.2	11
139	Analytical Stability Conditions on Interconnected Nonlinear Systems With Delays. <i>IEEE Access</i> , <b>2021</b> , 9, 20977-20992	3.5	0

138	Prediction Errors Analysis and Correction on FCS-MPC for the Cascaded H-bridge Multilevel Inverter. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	0
137	Stabilization Domains for Second Order Delay Systems. <i>IEEE Access</i> , <b>2021</b> , 9, 53518-53529	3.5	1
136	Border Trespasser Classification Using Artificial Intelligence. <i>IEEE Access</i> , <b>2021</b> , 9, 72284-72298	3.5	0
135	Asymmetric Lyapunov-Krasovskii functional method on stability of time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 2847-2854	3.6	10
134	Adaptive Control for a Quadrotor Transporting a Cable-Suspended Payload With Unknown Mass in the Presence of Rotor Downwash. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 8505-8518	6.8	1
133	Fuzzy filtering based on decentralized adaptive event-triggered scheme for networked interconnected systems. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 6854-6877	4	1
132	Analysis and prediction of COVID-19 epidemic in South Africa. <i>ISA Transactions</i> , <b>2021</b> ,	5.5	2
131	An asymmetric Lyapunov-Krasovskii functional method on stability and stabilization for T-S fuzzy systems with time delay. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	10
130	A survey on attack detection, estimation and control of industrial cyber-physical systems. <i>ISA Transactions</i> , <b>2021</b> , 116, 1-16	5.5	33
129	Polynomial Lyapunov Functions for Synchronization of Nonlinearly Coupled Complex Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	2
128	Control design with guaranteed transient performance: An approach with polyhedral target tubes. <i>Automatica</i> , <b>2020</b> , 119, 109097	5.7	1
127	Design, analysis and application of a new disturbance rejection PID for uncertain systems. <i>ISA Transactions</i> , <b>2020</b> , 101, 281-294	5.5	11
126	Fractional-Order PID Controller Design for Time-Delay Systems Based on Modified Bode's Ideal Transfer Function. <i>IEEE Access</i> , <b>2020</b> , 8, 103500-103510	3.5	11
125	An Improved Stability Criterion for Digital Filters With Generalized Overflow Arithmetic and Time-Varying Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 2099-2103	3.5	5
124	Adaptive Event-Triggered Fuzzy $H_{\infty}$ Filter Design for Nonlinear Networked Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 3302-3314	8.3	7
123	Anti-windup design of active disturbance rejection control for sampled systems with input delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 1311-1327	3.6	6
122	Resilient Distributed Optimization Algorithm Against Adversarial Attacks. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4308-4315	5.9	11
121	Intelligent event-based output feedback control with Q-learning for unmanned marine vehicle systems. <i>Control Engineering Practice</i> , <b>2020</b> , 105, 104616	3.9	19

120	Adaptive control of a class of strict feedback nonlinear systems under replay attacks. <i>ISA Transactions</i> , <b>2020</b> , 107, 134-142	5.5	8
119	Fuzzy tracking control for Markov jump systems with mismatched faults by iterative proportional-integral observers. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	10
118	Stability Analysis for Delayed Neural Networks via a Novel Negative-Definiteness Determination Method. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	7
117	Finite-time stability and stabilisation with polyhedral domains for linear systems. <i>International Journal of Control</i> , <b>2020</b> , 93, 2086-2094	1.5	1
116	On finite-time stability of nonautonomous nonlinear systems. <i>International Journal of Control</i> , <b>2020</b> , 93, 783-787	1.5	5
115	XGBoost Model for Chronic Kidney Disease Diagnosis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2020</b> , 17, 2131-2140	3	115
114	New results on the robust stability of control systems with a generalized disturbance observer. <i>Asian Journal of Control</i> , <b>2020</b> , 22, 2463-2475	1.7	3
113	Adaptive Finite-Time Containment Control of Uncertain Multiple Manipulator Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	8
112	Functional Observer Design for Time-Delayed Systems With Application to Fault Diagnosis. <i>IEEE Access</i> , <b>2019</b> , 7, 14558-14568	3.5	3
111	Stabilization for a class of rectangular descriptor systems via time delayed dynamic compensator. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 1944-1954	4	10
110	A network application model with operational process feature. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 6678-6696	4	3
109	Fractal-Based Reliability Measure for Heterogeneous Manufacturing Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 6407-6414	11.9	6
108	Guest Editorial Special Section on Big Data Analytics in Intelligent Manufacturing. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 2382-2385	11.9	4
107	Integrated Learning via Randomized Forests and Localized Regression With Application to Medical Diagnosis. <i>IEEE Access</i> , <b>2019</b> , 7, 18727-18733	3.5	0
106	Robust $\mathcal{H}_2$ Control of Linear Systems With Mismatched Quantization. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1702-1709	5.9	21
105	Exponential Synchronization of Neural Networks With Time-Varying Delays via Dynamic Intermittent Output Feedback Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 612-622	7.3	61
104	Event-triggered adaptive control of a class of nonlinear systems. <i>ISA Transactions</i> , <b>2019</b> , 94, 10-16	5.5	23
103	Feedforward Control With Disturbance Prediction for Linear Discrete-Time Systems. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 2340-2350	4.8	2

102	Predictor-Based Disturbance Rejection Control for Sampled Systems With Input Delay. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 772-780	4.8	23
101	Regularization and Stabilization for Rectangular T <sub>B</sub> Fuzzy Discrete-Time Systems With Time Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 833-842	7.3	18
100	A Distributed Traffic Control Strategy Based on Cell-Transmission Model. <i>IEEE Access</i> , <b>2018</b> , 6, 10771-10778	3.9	5
99	Decentralized adaptive control of interconnected nonlinear systems with unknown control directions. <i>ISA Transactions</i> , <b>2018</b> , 74, 60-66	5.5	29
98	Distributed $\mathcal{H}_\infty$ Output-Feedback Control for Consensus of Heterogeneous Linear Multiagent Systems With Aperiodic Sampled-Data Communications. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 4145-4155	8.9	108
97	Stability analysis of Lur $\bar{e}$ systems with additive delay components via a relaxed matrix inequality. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 328, 224-242	2.7	29
96	Recursive subspace identification subject to relatively slow time-varying load disturbance. <i>International Journal of Control</i> , <b>2018</b> , 91, 622-638	1.5	14
95	Asynchronous State Estimation for Discrete-Time Switched Complex Networks With Communication Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1732-1746	19.2	79
94	Finite-time stability of non-linear systems with impulsive effects due to logic choice. <i>IET Control Theory and Applications</i> , <b>2018</b> , 12, 1644-1648	2.5	8
93	Connectivity-Based Accessibility for Public Bicycle Sharing Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2018</b> , 15, 1521-1532	4.9	10
92	Stability Analysis of Discrete-Time Neural Networks With Time-Varying Delay via an Extended Reciprocally Convex Matrix Inequality. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3040-3049	10.2	144
91	An extended reciprocally convex matrix inequality for stability analysis of systems with time-varying delay. <i>Automatica</i> , <b>2017</b> , 85, 481-485	5.7	225
90	Exponential synchronization of chaotic neural networks with time-varying delay via intermittent output feedback approach. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 314, 121-132	2.7	16
89	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. <i>ISA Transactions</i> , <b>2017</b> , 66, 376-392	5.5	210
88	Resilient distributed optimization algorithm against adversary attacks <b>2017</b> ,		3
87	Characterizations and Criteria for Synchronization of Heterogeneous Networks to Linear Subspaces. <i>SIAM Journal on Control and Optimization</i> , <b>2017</b> , 55, 4048-4071	1.9	28
86	Control Design with Guaranteed Transient Performance via Reachable Set Estimates. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 283-288	0.7	2
85	Finite-time consensus control of second-order nonlinear systems with input saturation. <i>Transactions of the Institute of Measurement and Control</i> , <b>2016</b> , 38, 1381-1391	1.8	13

84	Predictive feedforward control <b>2016</b> ,		1
83	Output feedback control for singular Markovian jump systems with uncertain transition rates. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 2142-2147	2.5	23
82	Energy-efficient distributed control of large-scale systems: A switched system approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 3101-3117	3.6	36
81	Sequential Randomized Algorithms for Convex Optimization in the Presence of Uncertainty. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 2565-2571	5.9	25
80	Static output feedback stabilization for fractional-order systems in T-S fuzzy models. <i>Neurocomputing</i> , <b>2016</b> , 218, 354-358	5.4	40
79	Global bounded consensus in heterogeneous multi-agent systems with directed communication graph. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 147-152	2.5	23
78	Bounded synchronization of a heterogeneous complex switched network. <i>Automatica</i> , <b>2015</b> , 56, 19-24	5.7	78
77	Distributed fault detection for a class of large-scale systems with multiple incomplete measurements. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 3730-3749	4	24
76	Eigenvalue based approach to bounded synchronization of asymmetrically coupled networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 22, 769-779	3.7	13
75	Bounded synchronisation of a time-varying dynamical network with nonidentical nodes. <i>International Journal of Systems Science</i> , <b>2015</b> , 46, 1234-1245	2.3	12
74	Nonfragile Distributed Filtering for T <sub>S</sub> Fuzzy Systems in Sensor Networks. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 1883-1890	8.3	213
73	Improved system identification with Renormalization Group. <i>ISA Transactions</i> , <b>2014</b> , 53, 1481-8	5.5	1
72	Consensus of nonlinear multi-agent systems with adaptive protocols. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 2245-2252	2.5	9
71	Robust H <sub>∞</sub> control of single input-delay systems based on sequential sub-predictors. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1175-1184	2.5	16
70	Parametric approach to computing stabilizing PID regions <b>2014</b> ,		1
69	On computation of stabilizing loop gain and delay ranges for bi-proper delay systems. <i>ISA Transactions</i> , <b>2014</b> , 53, 1705-15	5.5	3
68	Forward kinematics analysis and experimental validation of a four-cable-driven under-constrained parallel mechanism. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , <b>2014</b> , 228, 1235-1247	1.3	5
67	Bounded consensus in multi-agent systems of asymmetrically coupled nonidentical agents <b>2013</b> ,		1

66	Distributed H <sub>∞</sub> filtering for sensor networks with switching topology. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 2104-2118	2.3	31
65	A general approach for synchronisation of nonlinear networked systems with switching topology. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 2199-2210	2.3	13
64	Sequential randomized algorithms for sampled convex optimization <b>2013</b> ,		6
63	Corrections to: Estimator Design for Discrete-Time Switched Neural Networks With Asynchronous Switching and Time-Varying Delay [May 12 827-834]. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 1906-1906	10.3	3
62	H <sub>∞</sub> Filtering for Networked Systems With Multiple Time-Varying Transmissions and Random Packet Dropouts. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 1705-1716	11.9	62
61	On the sample complexity of uncertain linear and bilinear matrix inequalities <b>2013</b> ,		4
60	Fuzzy-Model-Based Fault Detection for a Class of Nonlinear Systems With Networked Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2013</b> , 62, 3148-3159	5.2	76
59	Set-values filtering for discrete time-delay genetic regulatory networks with time-varying parameters. <i>Nonlinear Dynamics</i> , <b>2012</b> , 69, 693-703	5	31
58	Non-smooth dynamical analysis and experimental validation of the cable-suspended parallel manipulator. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , <b>2012</b> , 226, 2456-2466	1.3	10
57	Average contraction and synchronization of complex switched networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 205101	2	4
56	Linear, adaptive and nonlinear trading models for Singapore stock market with random forests <b>2011</b> ,		2
55	Exponential H <sub>∞</sub> filtering for switched stochastic genetic regulatory networks with random sensor delays. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 749-755	1.7	11
54	Fault detection for a class of network-based nonlinear systems with communication constraints and random packet dropouts. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2011</b> , 25, 876-898	2.8	18
53	Graphical methods for computation of stabilizing gain ranges for TITO systems <b>2011</b> ,		2
52	Synchronization in complex networks with switching topology. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2011</b> , 375, 3070-3074	2.3	43
51	Lead/lag compensator design for unstable processes based on gain and phase margin specifications <b>2010</b> ,		2
50	Delay-dependent robust stability and H <sub>∞</sub> analysis of stochastic systems with time-varying delay. <i>Applied Mathematics and Mechanics (English Edition)</i> , <b>2010</b> , 31, 255-262	3.2	4
49	Guaranteed Cost Control for a Class of Uncertain Stochastic Impulsive Systems with Markovian Switching. <i>Stochastic Analysis and Applications</i> , <b>2009</b> , 27, 1174-1190	1.1	4

48	Robust Adaptive Controller Design for Nonlinear Time-Delay Systems via TB Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 901-910	8.3	32
47	Pi Tuning Under Performance Constraints. <i>Asian Journal of Control</i> , <b>2008</b> , 4, 397-402	1.7	0
46	EXISTENCE ANALYSIS FOR LIMIT CYCLES OF RELAY FEEDBACK SYSTEMS. <i>Asian Journal of Control</i> , <b>2008</b> , 6, 428-431	1.7	1
45	Forecast Forex with ANN Using Fundamental Data <b>2008</b> ,		10
44	A fault detection and diagnosis scheme for discrete nonlinear system using output probability density estimation <b>2008</b> ,		1
43	$H_{\infty}$ Filter Design for Nonlinear Systems With Time-Delay Through TB Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2008</b> , 16, 739-746	8.3	103
42	Design of predictor-based controllers for input-delay systems <b>2008</b> ,		1
41	Frequency Domain Approach to Computing Loop Phase Margins of Multivariable Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 4418-4424	3.9	4
40	Memoryless State Feedback Controller Design for Time Delay Systems With Matched Uncertain Nonlinearities. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 801-807	5.9	33
39	Adaptive Tracking Controller Design of Nonlinear Systems With Time Delays and Unknown Dead-Zone Input. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 1753-1759	5.9	103
38	State-Space Digital PI Controller Design for Linear Stochastic Multivariable Systems with Input Delay. <i>Canadian Journal of Chemical Engineering</i> , <b>2008</b> , 84, 230-238	2.3	2
37	Relationship on Stabilizability of LTI Systems by P and PI Controllers. <i>Canadian Journal of Chemical Engineering</i> , <b>2008</b> , 85, 374-377	2.3	5
36	Identification of Multivariable Delay Processes in Presence of Nonzero Initial Conditions and Disturbances. <i>Canadian Journal of Chemical Engineering</i> , <b>2008</b> , 85, 399-407	2.3	1
35	Approximate Pole Placement with Dominance for Continuous Delay Systems by PID Controllers. <i>Canadian Journal of Chemical Engineering</i> , <b>2008</b> , 85, 549-557	2.3	7
34	Adaptive backstepping control for a class of time delay systems with nonlinear perturbations. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2008</b> , 22, 289-305	2.8	15
33	CHAOS SYNCHRONIZATION VIA MULTIVARIABLE PID CONTROL. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2007</b> , 17, 1753-1758	2	20
32	Further Improvement of Free-Weighting Matrices Technique for Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , <b>2007</b> , 52, 293-299	5.9	517
31	Delay-range-dependent stability for systems with time-varying delay. <i>Automatica</i> , <b>2007</b> , 43, 371-376	5.7	663



30	Fuzzy Weighting-Dependent Approach to $H_{\infty}$ Filter Design for Time-Delay Fuzzy Systems. <i>IEEE Transactions on Signal Processing</i> , <b>2007</b> , 55, 2746-2751	4.8	88
29	PID Control of Unstable Processes with Time Delay: A Comparative Study. <i>Journal of Chemical Engineering of Japan</i> , <b>2007</b> , 40, 145-163	0.8	4
28	A Smith-Like Control Design for Performance Enhancement of Systems with RHP Zeros. <i>Journal of Chemical Engineering of Japan</i> , <b>2007</b> , 40, 128-138	0.8	
27	Stable Model Reduction for Time Delay Systems. <i>Journal of Chemical Engineering of Japan</i> , <b>2007</b> , 40, 139-144	1.84	2
26	Why $T_i=4T_d$ for PID Controller Tuning <b>2006</b> ,		4
25	PID Tuning for Dominant Poles and Phase Margin <b>2006</b> ,		3
24	DELAY FEEDBACK CONTROL FOR INTERACTION OF HOPF AND PERIOD DOUBLING BIFURCATIONS IN DISCRETE-TIME SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2006</b> , 16, 101-112	2	16
23	An Improved $H_{\infty}$ Filter Design for Systems With Time-Varying Interval Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2006</b> , 53, 1235-1239	3.5	84
22	A less conservative robust stability test for linear uncertain time-delay systems. <i>IEEE Transactions on Automatic Control</i> , <b>2006</b> , 51, 87-91	5.9	184
21	Robust Process Identification from Relay Tests in the Presence of Nonzero Initial Conditions and Disturbance. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2006</b> , 45, 4063-4070	3.9	16
20	Robust normalization and stabilization of Uncertain Descriptor systems with norm-Bounded Perturbations. <i>IEEE Transactions on Automatic Control</i> , <b>2005</b> , 50, 515-520	5.9	69
19	Augmented Lyapunov functional and delay-dependent stability criteria for neutral systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2005</b> , 15, 923-933	3.6	175
18	ONE-STAGE IDENTIFICATION OF CONTINUOUS TIME DELAY SYSTEMS WITH UNKNOWN INITIAL CONDITIONS AND DISTURBANCE FROM PULSE TESTS. <i>Modern Physics Letters B</i> , <b>2005</b> , 19, 1695-1698	1.6	4
17	Stability criteria and bounds for limit cycles of relay feedback systems. <i>Dynamical Systems</i> , <b>2004</b> , 19, 161-170	1.70	3
16	Relay Feedback: A Complete Analysis for First-Order Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2004</b> , 43, 8400-8402	3.9	20
15	An effective frequency domain approach to tuning non-PID controllers for high performance. <i>ISA Transactions</i> , <b>2002</b> , 41, 37-49	5.5	5
14	IMC-Based Controller Design for MIMO Systems.. <i>Journal of Chemical Engineering of Japan</i> , <b>2002</b> , 35, 1231-1243	0.8	7
13	IMC-Based Control System Design for Unstable Processes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2002</b> , 41, 4288-4294	3.9	64

12	Output tracking control of MIMO fuzzy nonlinear systems using variable structure control approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2002</b> , 10, 686-697	8.3	62
11	Local stability of limit cycles for time-delay relay-feedback systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>2002</b> , 49, 1870-1875		10
10	Robust PID Controller Design for Gain and Phase Margins.. <i>Journal of Chemical Engineering of Japan</i> , <b>2002</b> , 35, 874-879	0.8	2
9	Robust PI controller design for nonlinear systems via fuzzy modeling approach. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2001</b> , 31, 666-675		40
8	Forecast studies for financial markets using technical analysis		4
7	On the design of multivariable PID controllers via LMI approach		1
6	Graph-based operational robustness analysis of industrial Internet of things platform for manufacturing service collaboration. <i>International Journal of Production Research</i> ,1-28	7.8	0
5	A parameter optimization approach to solving quasi-LMI problems		2
4	Robust PI controller design for nonlinear systems via fuzzy modelling approach		2
3	A unifying Ziegler-Nichols tuning method based on active disturbance rejection. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	1
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