

Qing-Guo Wang

List of Publications by Year in descending order

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235
papers

11,427
citations

34105

52
h-index

32842

100
g-index

237
all docs

237
docs citations

237
times ranked

4609
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability Analysis for Delayed Neural Networks via a Novel Negative-Definiteness Determination Method. IEEE Transactions on Cybernetics, 2022, 52, 5356-5366.	9.5	22
2	Polynomial Lyapunov Functions for Synchronization of Nonlinearly Coupled Complex Networks. IEEE Transactions on Cybernetics, 2022, 52, 1812-1821.	9.5	13
3	Analysis and prediction of COVID-19 epidemic in South Africa. ISA Transactions, 2022, 124, 182-190.	5.7	9
4	An Asymmetric Lyapunovâ€“Krasovskii Functional Method on Stability and Stabilization for T-S Fuzzy Systems With Time Delay. IEEE Transactions on Fuzzy Systems, 2022, 30, 2135-2140.	9.8	43
5	A Decomposition Approach for Synchronization of Heterogeneous Complex Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 853-863.	9.3	6
6	Output regulation for stochastic delay systems under asynchronous switching with dissipativity. International Journal of Control, 2021, 94, 548-557.	1.9	12
7	Reachable Set Estimation for Discrete-Time Markovian Jump Neural Networks With Generally Incomplete Transition Probabilities. IEEE Transactions on Cybernetics, 2021, 51, 1311-1321.	9.5	32
8	Analytical Stability Conditions on Interconnected Nonlinear Systems With Delays. IEEE Access, 2021, 9, 20977-20992.	4.2	4
9	Asymmetric Lyapunovâ€“Krasovskii functional method on stability of timeâ€“delay systems. International Journal of Robust and Nonlinear Control, 2021, 31, 2847-2854.	3.7	32
10	Robust Hâ€“ Adaptive Sliding Mode Fault Tolerant Control for T-S Fuzzy Fractional Order Systems With Mismatched Disturbances. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1297-1307.	5.4	42
11	A generalized control scheme for system uncertainty estimation and cancellation. Transactions of the Institute of Measurement and Control, 2021, 43, 2921-2933.	1.7	1
12	Parametric identification of output error model for sampled systems with integerâ€“type time delay subject to load disturbance with unknown dynamics. IET Control Theory and Applications, 2021, 15, 1942-1955.	2.1	0
13	A sufficient negativeâ€“definiteness condition for cubic functions and application to timeâ€“delay systems. International Journal of Robust and Nonlinear Control, 2021, 31, 7361-7371.	3.7	24
14	Articulated 3D model matching using multi-scale histograms of shape features for customized additive manufacturing. Computers in Industry, 2021, 132, 103520.	9.9	2
15	A survey on attack detection, estimation and control of industrial cyberâ€“physical systems. ISA Transactions, 2021, 116, 1-16.	5.7	132
16	Polynomial Lyapunov Functions for Consensus of Multi-agent Systems via PD control. , 2021, , .		0
17	Intelligent event-based output feedback control with Q-learning for unmanned marine vehicle systems. Control Engineering Practice, 2020, 105, 104616.	5.5	29
18	Control design with guaranteed transient performance: An approach with polyhedral target tubes. Automatica, 2020, 119, 109097.	5.0	3

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19	Design, analysis and application of a new disturbance rejection PID for uncertain systems. ISA Transactions, 2020, 101, 281-294.	5.7	28
20	Exponential Synchronization of Neural Networks With Time-Varying Delays via Dynamic Intermittent Output Feedback Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 612-622.	9.3	85
21	Stability analysis for linear time-delay systems using new inequality based on the second-order derivative. Journal of the Franklin Institute, 2019, 356, 8770-8784.	3.4	6
22	Functional Observer Design for Time-Delayed Systems With Application to Fault Diagnosis. IEEE Access, 2019, 7, 14558-14568.	4.2	3
23	Adaptive fuzzy finite-time command filtered tracking control for permanent magnet synchronous motors. Neurocomputing, 2019, 337, 110-119.	5.9	53
24	Fractal-Based Reliability Measure for Heterogeneous Manufacturing Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 6407-6414.	11.3	14
25	Distributed optimal control for traffic networks with fog computing. China Communications, 2019, 16, 202-213.	3.2	2
26	Parametric approach to computing stabilizing proportional-integral-derivative regions. Transactions of the Institute of Measurement and Control, 2019, 41, 165-181.	1.7	4
27	A Distributed Traffic Control Strategy Based on Cell-Transmission Model. IEEE Access, 2018, 6, 10771-10778.	4.2	9
28	Distributed H_{∞} Output-Feedback Control for Consensus of Heterogeneous Linear Multiagent Systems With Aperiodic Sampled-Data Communications. IEEE Transactions on Industrial Electronics, 2018, 65, 4145-4155.	7.9	132
29	Stability analysis of Lur'e systems with additive delay components via a relaxed matrix inequality. Applied Mathematics and Computation, 2018, 328, 224-242.	2.2	35
30	Asynchronous State Estimation for Discrete-Time Switched Complex Networks With Communication Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1732-1746.	11.3	105
31	Three-Dimensional CAD Model Matching With Anisotropic Diffusion Maps. IEEE Transactions on Industrial Informatics, 2018, 14, 265-274.	11.3	9
32	Stabilization for Singular Fractional-Order Systems via Static Output Feedback. IEEE Access, 2018, 6, 71678-71684.	4.2	19
33	A novel Lyapunov-Krasovskii functional approach to stability and stabilization for T-S fuzzy systems with time delay. Neurocomputing, 2018, 313, 288-294.	5.9	50
34	Identification of Hammerstein systems with time delay under load disturbance. IET Control Theory and Applications, 2018, 12, 942-952.	2.1	22
35	Reduced-order observer design for a class of generalized Lipschitz nonlinear systems with time-varying delay. Applied Mathematics and Computation, 2018, 337, 267-280.	2.2	20
36	Distributed non-fragile filtering for T-S fuzzy systems with event-based communications. Fuzzy Sets and Systems, 2017, 306, 137-152.	2.7	51

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37	Stability Analysis of Discrete-Time Neural Networks With Time-Varying Delay via an Extended Reciprocally Convex Matrix Inequality. IEEE Transactions on Cybernetics, 2017, 47, 3040-3049.	9.5	213
38	Leader-follower consensus of linear multi-agent systems with aperiodic sampling and switching connected topologies. ISA Transactions, 2017, 68, 150-159.	5.7	39
39	Distributed Filtering for Switched Linear Systems With Sensor Networks in Presence of Packet Dropouts and Quantization. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 2783-2796.	5.4	133
40	Filtering and Control of Wireless Networked Systems. Studies in Systems, Decision and Control, 2017, , .	1.0	3
41	An extended reciprocally convex matrix inequality for stability analysis of systems with time-varying delay. Automatica, 2017, 85, 481-485.	5.0	353
42	Exponential synchronization of chaotic neural networks with time-varying delay via intermittent output feedback approach. Applied Mathematics and Computation, 2017, 314, 121-132.	2.2	21
43	Identification of dual-rate sampled systems with time delay subject to load disturbance. IET Control Theory and Applications, 2017, 11, 1404-1413.	2.1	18
44	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. ISA Transactions, 2017, 66, 376-392.	5.7	326
45	Mixed H_2 and passive control for singular systems with time delay via static output feedback. Applied Mathematics and Computation, 2017, 293, 244-253.	2.2	61
46	A new double integral inequality and application to stability test for time-delay systems. Applied Mathematics Letters, 2017, 65, 26-31.	2.7	54
47	Mode-dependent filter design for Markov jump systems with sensor nonlinearities in finite frequency domain. Signal Processing, 2017, 134, 1-8.	3.7	35
48	Characterizations and Criteria for Synchronization of Heterogeneous Networks to Linear Subspaces. SIAM Journal on Control and Optimization, 2017, 55, 4048-4071.	2.1	29
49	Distributed synchronization control of complex networks with communication constraints and random controller failures. , 2017, , .		0
50	New advances in stability, estimation and control of networked systems with time delay. , 2017, , .		0
51	H_∞ Filtering with Stochastic Signal Transmissions. Studies in Systems, Decision and Control, 2017, , 83-96.	1.0	0
52	Global optimization through randomized group search in contracting regions. , 2016, , .		0
53	Static output feedback stabilization for fractional-order systems in T-S fuzzy models. Neurocomputing, 2016, 218, 354-358.	5.9	53
54	Output feedback control for singular Markovian jump systems with uncertain transition rates. IET Control Theory and Applications, 2016, 10, 2142-2147.	2.1	33

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55	Three-Dimensional Characterization of Mechanical Interactions between Endothelial Cells and Extracellular Matrix during Angiogenic Sprouting. <i>Scientific Reports</i> , 2016, 6, 21362.	3.3	31
56	Energy-efficient distributed control of large-scale systems: A switched system approach. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 3101-3117.	3.7	45
57	Approximate feedforward control. , 2015, , .		2
58	Nonfragile Distributed Filtering for T&S Fuzzy Systems in Sensor Networks. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1883-1890.	9.8	302
59	Sensor-network-based distributed stabilization of nonlinear large-scale systems with energy constraints and random sensor faults. <i>Journal of the Franklin Institute</i> , 2015, 352, 3345-3365.	3.4	12
60	Global bounded consensus in heterogeneous multi-agent systems with directed communication graph. <i>IET Control Theory and Applications</i> , 2015, 9, 147-152.	2.1	27
61	Bounded synchronization of a heterogeneous complex switched network. <i>Automatica</i> , 2015, 56, 19-24.	5.0	96
62	Distributed fault detection for a class of large-scale systems with multiple incomplete measurements. <i>Journal of the Franklin Institute</i> , 2015, 352, 3730-3749.	3.4	28
63	Development of D-decomposition method for computing stabilizing gain ranges for general delay systems. <i>Journal of Process Control</i> , 2015, 25, 94-104.	3.3	18
64	Eigenvalue based approach to bounded synchronization of asymmetrically coupled networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015, 22, 769-779.	3.3	13
65	Bounded synchronisation of a time-varying dynamical network with nonidentical nodes. <i>International Journal of Systems Science</i> , 2015, 46, 1234-1245.	5.5	13
66	A family of multi-path congestion control algorithms with global stability and delay robustness. <i>Automatica</i> , 2014, 50, 3112-3122.	5.0	8
67	Consensus of nonlinear multi-agent systems with adaptive protocols. <i>IET Control Theory and Applications</i> , 2014, 8, 2245-2252.	2.1	16
68	Robust H_∞ control of single input delay systems based on sequential subpredictors. <i>IET Control Theory and Applications</i> , 2014, 8, 1175-1184.	2.1	18
69	On computation of stabilizing loop gain and delay ranges for bi-proper delay systems. <i>ISA Transactions</i> , 2014, 53, 1705-1715.	5.7	5
70	Improved system identification with Renormalization Group. <i>ISA Transactions</i> , 2014, 53, 1481-1488.	5.7	2
71	Mixed H_∞ and passivity based state estimation for fuzzy neural networks with Markovian-type estimator gain change. <i>Neurocomputing</i> , 2014, 139, 321-327.	5.9	23
72	A graphical approach to computing loop gain margins for TITO systems. <i>Transactions of the Institute of Measurement and Control</i> , 2014, 36, 600-603.	1.7	6

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73	Energy-efficient H_{∞} filtering for networked systems with stochastic signal transmissions. Signal Processing, 2014, 101, 134-141.	3.7	16
74	Probabilistic analytic center cutting plane method in robust H_2 track following control. Microsystem Technologies, 2013, 19, 1407-1413.	2.0	0
75	Exponential synchronization in complex networks with a single coupling delay. Journal of the Franklin Institute, 2013, 350, 1406-1423.	3.4	18
76	Distributed H_{∞} filtering for sensor networks with switching topology. International Journal of Systems Science, 2013, 44, 2104-2118.	5.5	37
77	A novel computational method for loop gain and phase margins of TITO systems. Journal of the Franklin Institute, 2013, 350, 503-520.	3.4	5
78	A tutorial review on process identification from step or relay feedback test. Journal of Process Control, 2013, 23, 1597-1623.	3.3	173
79	A general approach for synchronisation of nonlinear networked systems with switching topology. International Journal of Systems Science, 2013, 44, 2199-2210.	5.5	16
80	Sequential randomized algorithms for sampled convex optimization. , 2013, , .		9
81	H_{∞} Filtering for Networked Systems With Multiple Time-Varying Transmissions and Random Packet Dropouts. IEEE Transactions on Industrial Informatics, 2013, 9, 1705-1716.	11.3	90
82	On the sample complexity of uncertain linear and bilinear matrix inequalities. , 2013, , .		4
83	Fuzzy-Model-Based Fault Detection for a Class of Nonlinear Systems With Networked Measurements. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 3148-3159.	4.7	88
84	Average contraction and synchronization of complex switched networks. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 205101.	2.1	6
85	Set-values filtering for discrete time-delay genetic regulatory networks with time-varying parameters. Nonlinear Dynamics, 2012, 69, 693-703.	5.2	35
86	PID Control for MIMO Processes. Advances in Industrial Control, 2012, , 177-204.	0.5	14
87	Lead/Lag Compensator Design for Unstable Delay Processes Based on New Gain and Phase Margin Specifications. Industrial & Engineering Chemistry Research, 2011, 50, 1330-1337.	3.7	14
88	Graphical methods for computation of stabilizing gain ranges for TITO systems. , 2011, , .		3
89	Relay Feedback Analysis for Double Integral Plants. Journal of Control Science and Engineering, 2011, 2011, 1-5.	1.0	0
90	Tuning of multi-loop PI controllers based on gain and phase margin specifications. Journal of Process Control, 2011, 21, 1287-1295.	3.3	29

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91	Exponential H_∞ filtering for switched stochastic genetic regulatory networks with random sensor delays. Asian Journal of Control, 2011, 13, 749-755.	3.0	13
92	Fault detection for a class of network-based nonlinear systems with communication constraints and random packet dropouts. International Journal of Adaptive Control and Signal Processing, 2011, 25, 876-898.	4.1	21
93	Synchronization in complex networks with switching topology. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3070-3074.	2.1	49
94	Stabilizing control for a class of delay unstable processes. ISA Transactions, 2010, 49, 318-325.	5.7	24
95	Stabilization of all-pole unstable delay processes by simple controllers. Journal of Process Control, 2010, 20, 235-239.	3.3	47
96	Exact computation of loop gain margins of multivariable feedback systems. Journal of Process Control, 2010, 20, 762-768.	3.3	8
97	Stabilization conditions for a class of unstable delay processes of higher order. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 440-445.	5.3	19
98	Stabilization and control of general unstable processes with large dead time. Transactions of the Institute of Measurement and Control, 2010, 32, 286-306.	1.7	4
99	Lead/lag compensator design for unstable processes based on gain and phase margin specifications. , 2010, , .		2
100	Combined gain and phase margins. ISA Transactions, 2009, 48, 428-433.	5.7	3
101	Robust Adaptive Controller Design for Nonlinear Time-Delay Systems via Tâ€™S Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2009, 17, 901-910.	9.8	41
102	Relationship on Stabilizability of LTI Systems by P and PI Controllers. Canadian Journal of Chemical Engineering, 2008, 85, 374-377.	1.7	5
103	Approximate Pole Placement with Dominance for Continuous Delay Systems by PID Controllers. Canadian Journal of Chemical Engineering, 2008, 85, 549-557.	1.7	8
104	On loop phase margins of multivariable control systems. Journal of Process Control, 2008, 18, 202-211.	3.3	14
105	Observer-based fuzzy control design for Tâ€™S fuzzy systems with state delays. Automatica, 2008, 44, 868-874.	5.0	94
106	Exponential stabilization controller design for interconnected time delay systems. Automatica, 2008, 44, 2600-2606.	5.0	58
107	On stabilizing PI controller ranges for multivariable systems. Chaos, Solitons and Fractals, 2008, 35, 620-625.	5.1	3
108	Pi Tuning Under Performance Constraints. Asian Journal of Control, 2008, 4, 397-402.	3.0	1

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109	DISTURBANCE COMPENSATION FOR TIME-DELAY PROCESSES. Asian Journal of Control, 2008, 8, 28-35.	3.0	5
110	A fault detection and diagnosis scheme for discrete nonlinear system using output probability density estimation. , 2008, , .		1
111	H_{∞} Filter Design for Nonlinear Systems With Time-Delay Through Tâ€™S Fuzzy Model Approach. IEEE Transactions on Fuzzy Systems, 2008, 16, 739-746.	9.8	128
112	Frequency Domain Approach to Computing Loop Phase Margins of Multivariable Systems. Industrial & Engineering Chemistry Research, 2008, 47, 4418-4424.	3.7	5
113	Integral Identification of Continuous-Time Delay Systems in the Presence of Unknown Initial Conditions and Disturbances from Step Tests. Industrial & Engineering Chemistry Research, 2008, 47, 4929-4936.	3.7	10
114	Design of Observer-Based H_{∞} Control for Fuzzy Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2008, 16, 534-543.	9.8	79
115	Stabilization and Control of Unstable Processes with Large Dead Time. , 2008, , .		2
116	Memoryless Adaptive Controller Design for Uncertain Polynomial Systems With Multiple Time Delays. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2008, 130, .	1.6	2
117	A fault diagnosis scheme for time-varying fault using output probability density estimation. , 2008, , .		0
118	Guaranteed Dominant Pole Placement with PID Controllers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5842-5845.	0.4	11
119	Observer-Based H_{∞} Control for Tâ€™S Fuzzy Systems With Time Delay: Delay-Dependent Design Method. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1030-1038.	5.0	75
120	Novel Disturbance Controller Design for a Two-Degrees-of-Freedom Smith Scheme. Industrial & Engineering Chemistry Research, 2007, 46, 540-545.	3.7	6
121	CHAOS SYNCHRONIZATION VIA MULTIVARIABLE PID CONTROL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 1753-1758.	1.7	23
122	Further Improvement of Free-Weighting Matrices Technique for Systems With Time-Varying Delay. IEEE Transactions on Automatic Control, 2007, 52, 293-299.	5.7	687
123	Delay-range-dependent stability for systems with time-varying delay. Automatica, 2007, 43, 371-376.	5.0	855
124	Improved identification of continuous-time delay processes from piecewise step tests. Journal of Process Control, 2007, 17, 51-57.	3.3	47
125	A quasi-LMI approach to computing stabilizing parameter ranges of multi-loop PID controllers. Journal of Process Control, 2007, 17, 59-72.	3.3	39
126	Multivariable PD controller design for fast chaos synchronization of Lur'e systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 363, 192-196.	2.1	4

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127	Relay feedback analysis for a class of servo plants. Journal of Mathematical Analysis and Applications, 2007, 334, 28-42.	1.0	7
128	Modified Smith predictor design for periodic disturbance rejection. ISA Transactions, 2007, 46, 493-503.	5.7	26
129	Identification of Multivariable Delay Processes in Presence of Nonzero Initial Conditions and Disturbances. Canadian Journal of Chemical Engineering, 2007, 85, 399-407.	1.7	1
130	PID TUNING FOR DOMINANT POLES AND PHASE MARGIN. Asian Journal of Control, 2007, 9, 466-469.	3.0	14
131	Delay-Dependent State Estimation for Delayed Neural Networks. IEEE Transactions on Neural Networks, 2006, 17, 1077-1081.	4.2	193
132	Stability and stabilization of a class of fuzzy time-delay descriptor systems. IEEE Transactions on Fuzzy Systems, 2006, 14, 542-551.	9.8	146
133	A Less Conservative Robust Stability Test for Linear Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2006, 51, 87-91.	5.7	231
134	Robust Process Identification from Relay Tests in the Presence of Nonzero Initial Conditions and Disturbance. Industrial & Engineering Chemistry Research, 2006, 45, 4063-4070.	3.7	16
135	STABILIZATION OF SECOND-ORDER UNSTABLE DELAY PROCESSES BY PID CONTROLLERS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 19-24.	0.4	1
136	Tuning of phase-lead compensators for exact gain and phase margins. Automatica, 2006, 42, 349-352.	5.0	35
137	Less conservative stability conditions for fuzzy large-scale systems with time delays. Chaos, Solitons and Fractals, 2006, 29, 1147-1154.	5.1	30
138	Synthesis for robust synchronization of chaotic systems under output feedback control with multiple random delays. Chaos, Solitons and Fractals, 2006, 29, 1142-1146.	5.1	43
139	Delay-dependent LMI conditions for stability and stabilization of T&S fuzzy systems with bounded time-delay. Fuzzy Sets and Systems, 2006, 157, 1229-1247.	2.7	157
140	PID Tuning for Dominant Poles and Phase Margin. , 2006, , .		3
141	State-Space Digital PI Controller Design for Linear Stochastic Multivariable Systems with Input Delay. Canadian Journal of Chemical Engineering, 2006, 84, 230-238.	1.7	3
142	TUNING OF LEAD COMPENSATORS WITH GAIN AND PHASE MARGIN SPECIFICATIONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 343-348.	0.4	0
143	Handbook of PI and PID Controller Tuning Rules, Aidan O&TMdwyer, Imperial College Press, London, 375pp, ISBN 1-86094-342-X, 2003. Automatica, 2005, 41, 355-356.	5.0	5
144	Adaptive robust control of uncertain time delay systems. Automatica, 2005, 41, 1375-1383.	5.0	82

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145	A double two-degree-of-freedom control scheme for improved control of unstable delay processes. Journal of Process Control, 2005, 15, 605-614.	3.3	99
146	LMI-based stability criteria for neural networks with multiple time-varying delays. Physica D: Nonlinear Phenomena, 2005, 212, 126-136.	2.8	115
147	http://www.elsevier.com/locate/ymssp <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/citation-element/dtd"</small>	5.0	110
148	Global robust stability for delayed neural networks with polytopic type uncertainties. Chaos, Solitons and Fractals, 2005, 26, 1349-1354.	5.1	84
149	Augmented Lyapunov functional and delay-dependent stability criteria for neutral systems. International Journal of Robust and Nonlinear Control, 2005, 15, 923-933.	3.7	241
150	ONE-STAGE IDENTIFICATION OF CONTINUOUS TIME DELAY SYSTEMS WITH UNKNOWN INITIAL CONDITIONS AND DISTURBANCE FROM PULSE TESTS. Modern Physics Letters B, 2005, 19, 1695-1698.	1.9	4
151	Robust normalization and stabilization of Uncertain Descriptor systems with norm-Bounded Perturbations. IEEE Transactions on Automatic Control, 2005, 50, 515-520.	5.7	91
152	Simplified Identification of Time-Delay Systems with Nonzero Initial Conditions from Pulse Tests. Industrial & Engineering Chemistry Research, 2005, 44, 7591-7595.	3.7	8
153	Stabilization of uncertain fuzzy time-delay systems via variable structure control approach. IEEE Transactions on Fuzzy Systems, 2005, 13, 787-798.	9.8	123
154	Stability criteria and bounds for limit cycles of relay feedback systems. Dynamical Systems, 2004, 19, 161-170.	0.4	4
155	An improvement on multivariable PID controller design via iterative LMI approach. Automatica, 2004, 40, 519-525.	5.0	101
156	Relay Feedback: A Complete Analysis for First-Order Systems. Industrial & Engineering Chemistry Research, 2004, 43, 8400-8402.	3.7	25
157	EXISTENCE ANALYSIS FOR LIMIT CYCLES OF RELAY FEEDBACK SYSTEMS. Asian Journal of Control, 2004, 6, 428-431.	3.0	3
158	Non-interacting control design for multivariable industrial processes. Journal of Process Control, 2003, 13, 253-265.	3.3	51
159	Local stability of limit cycles for MIMO relay feedback systems. Journal of Mathematical Analysis and Applications, 2003, 288, 112-123.	1.0	6
160	Local Stability of Limit Cycles for MIMO Relay Feedback Systems. , 2003, , .		0
161	Relay Feedback. , 2003, , .		71
162	Existence of Solutions to MIMO Relay Feedback Systems. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
163	Global Stability of Limit Cycles for a Class of MIMO Relay Feedback Systems. , 2003, , .		0
164	IMC-Based Controller Design for MIMO Systems.. Journal of Chemical Engineering of Japan, 2002, 35, 1231-1243.	0.6	10
165	IMC-Based Control System Design for Unstable Processes. Industrial & Engineering Chemistry Research, 2002, 41, 4288-4294.	3.7	71
166	Virtual feedforward control for asymptotic rejection of periodic disturbance. IEEE Transactions on Industrial Electronics, 2002, 49, 566-573.	7.9	11
167	Output tracking control of MIMO fuzzy nonlinear systems using variable structure control approach. IEEE Transactions on Fuzzy Systems, 2002, 10, 686-697.	9.8	89
168	Dominant pole placement for multi-loop control systems. Automatica, 2002, 38, 1213-1220.	5.0	50
169	Robust PID controller design via LMI approach. Journal of Process Control, 2002, 12, 3-13.	3.3	218
170	An effective frequency domain approach to tuning non-PID controllers for high performance. ISA Transactions, 2002, 41, 37-49.	5.7	5
171	On uniqueness of solutions to relay feedback systems. Automatica, 2002, 38, 177-180.	5.0	9
172	On the design of multivariable PID controllers via LMI approach. Automatica, 2002, 38, 517-526.	5.0	236
173	Decoupling internal model control for multivariable systems with multiple time delays. Chemical Engineering Science, 2002, 57, 115-124.	3.8	132
174	Partial internal model control. IEEE Transactions on Industrial Electronics, 2001, 48, 976-982.	7.9	35
175	Design of decoupled PID controllers for MIMO systems. , 2001, , .		41
176	Robust PI controller design for nonlinear systems via fuzzy modeling approach. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2001, 31, 666-675.	2.9	51
177	A Novel FFT-Based Robust Multivariable Process Identification Method. Industrial & Engineering Chemistry Research, 2001, 40, 2485-2494.	3.7	9
178	A NEW INTERNAL MODEL CONTROL SCHEME WITH SIMPLIFIED DESIGN AND IMPLEMENTATION. Chemical Engineering Communications, 2001, 184, 35-47.	2.6	2
179	Stability of Limit Cycles for Time-Delay Relay Feedback Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 395-400.	0.4	0
180	High-performance conversions between continuous- and discrete-time systems. Signal Processing, 2001, 81, 1865-1877.	3.7	5

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181	Robust closed-loop identification with application to auto-tuning. Journal of Process Control, 2001, 11, 519-530.	3.3	49
182	Direct identification of continuous time delay systems from step responses. Journal of Process Control, 2001, 11, 531-542.	3.3	96
183	Co-operative control of multi-input single-output processes: on-line strategy for releasing input saturation. Control Engineering Practice, 2001, 9, 491-500.	5.5	9
184	Robust identification of continuous systems with dead-time from step responses. Automatica, 2001, 37, 377-390.	5.0	158
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