

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.

222 papers	8,492 citations	48 h-index	86 g-index
237 ext. papers	10,470 ext. citations	4.2 avg, IF	6.4 L-index

#	Paper	IF	Citations
222	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 1297-1307	3.9	11
221	A generalized control scheme for system uncertainty estimation and cancellation. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 2921-2933	1.8	0
220	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> , 2021 , 15, 1942-1955	4.5	15
219	A sufficient negative-definiteness condition for cubic functions and application to time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7361-7371	3.6	4
218	A Decomposition Approach for Synchronization of Heterogeneous Complex Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 853-863	7.3	1
217	Output regulation for stochastic delay systems under asynchronous switching with dissipativity. <i>International Journal of Control</i> , 2021 , 94, 548-557	1.5	5
216	Reachable Set Estimation for Discrete-Time Markovian Jump Neural Networks With Generally Incomplete Transition Probabilities. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1311-1321	10.2	11
215	Analytical Stability Conditions on Interconnected Nonlinear Systems With Delays. <i>IEEE Access</i> , 2021 , 9, 20977-20992	3.5	0
214	Asymmetric Lyapunov-Krasovskii functional method on stability of time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 2847-2854	3.6	10
213	Articulated 3D model matching using multi-scale histograms of shape features for customized additive manufacturing. <i>Computers in Industry</i> , 2021 , 132, 103520	11.6	0
212	Analysis and prediction of COVID-19 epidemic in South Africa. <i>ISA Transactions</i> , 2021 ,	5.5	2
211	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> , 2021 , 1-1	8.3	10
210	A survey on attack detection, estimation and control of industrial cyber-physical systems. <i>ISA Transactions</i> , 2021 , 116, 1-16	5.5	33
209	Polynomial Lyapunov Functions for Synchronization of Nonlinearly Coupled Complex Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
208	Control design with guaranteed transient performance: An approach with polyhedral target tubes. <i>Automatica</i> , 2020 , 119, 109097	5.7	1
207	Design, analysis and application of a new disturbance rejection PID for uncertain systems. <i>ISA Transactions</i> , 2020 , 101, 281-294	5.5	11
206	Intelligent event-based output feedback control with Q-learning for unmanned marine vehicle systems. <i>Control Engineering Practice</i> , 2020 , 105, 104616	3.9	19

205	Stability Analysis for Delayed Neural Networks via a Novel Negative-Definiteness Determination Method. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP, 10.2 7
204	Stability analysis for linear time-delay systems using new inequality based on the second-order derivative. <i>Journal of the Franklin Institute</i> , 2019 , 356, 8770-8784 4 3
203	Functional Observer Design for Time-Delayed Systems With Application to Fault Diagnosis. <i>IEEE Access</i> , 2019 , 7, 14558-14568 3.5 3
202	Adaptive fuzzy finite-time command filtered tracking control for permanent magnet synchronous motors. <i>Neurocomputing</i> , 2019 , 337, 110-119 5.4 29
201	Fractal-Based Reliability Measure for Heterogeneous Manufacturing Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 6407-6414 11.9 6
200	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> , 2019 , 49, 612-622 7.3 61
199	Distributed optimal control for traffic networks with fog computing. <i>China Communications</i> , 2019 , 16, 202-213 3 2
198	Parametric approach to computing stabilizing proportional-integral-derivative regions. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 165-181 1.8 1
197	A Distributed Traffic Control Strategy Based on Cell-Transmission Model. <i>IEEE Access</i> , 2018 , 6, 10771-10778 3.7 5
196	Distributed H_∞ Output-Feedback Control for Consensus of Heterogeneous Linear Multiagent Systems With Aperiodic Sampled-Data Communications. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 4145-4155 8.9 108
195	Stability analysis of Lur \bar{e} systems with additive delay components via a relaxed matrix inequality. <i>Applied Mathematics and Computation</i> , 2018 , 328, 224-242 2.7 29
194	Asynchronous State Estimation for Discrete-Time Switched Complex Networks With Communication Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1732-1746 19.2 79
193	Three-Dimensional CAD Model Matching With Anisotropic Diffusion Maps. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 265-274 11.9 5
192	Reduced-order observer design for a class of generalized Lipschitz nonlinear systems with time-varying delay. <i>Applied Mathematics and Computation</i> , 2018 , 337, 267-280 2.7 18
191	. <i>IEEE Access</i> , 2018 , 6, 71678-71684 3.5 12
190	A novel Lyapunov-Krasovskii functional approach to stability and stabilization for TS fuzzy systems with time delay. <i>Neurocomputing</i> , 2018 , 313, 288-294 5.4 34
189	Identification of Hammerstein systems with time delay under load disturbance. <i>IET Control Theory and Applications</i> , 2018 , 12, 942-952 2.5 13
188	Distributed non-fragile filtering for T-S fuzzy systems with event-based communications. <i>Fuzzy Sets and Systems</i> , 2017 , 306, 137-152 3.7 36

187	Stability Analysis of Discrete-Time Neural Networks With Time-Varying Delay via an Extended Reciprocally Convex Matrix Inequality. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3040-3049	10.2	144
186	Leader-follower H _∞ consensus of linear multi-agent systems with aperiodic sampling and switching connected topologies. <i>ISA Transactions</i> , 2017 , 68, 150-159	5.5	29
185	Distributed Filtering for Switched Linear Systems With Sensor Networks in Presence of Packet Dropouts and Quantization. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 2783-2796	2.9	112
184	Filtering and Control of Wireless Networked Systems. <i>Studies in Systems, Decision and Control</i> , 2017 , 1, 1-10	0.8	1
183	An extended reciprocally convex matrix inequality for stability analysis of systems with time-varying delay. <i>Automatica</i> , 2017 , 85, 481-485	5.7	225
182	Exponential synchronization of chaotic neural networks with time-varying delay via intermittent output feedback approach. <i>Applied Mathematics and Computation</i> , 2017 , 314, 121-132	2.7	16
181	Identification of dual-rate sampled systems with time delay subject to load disturbance. <i>IET Control Theory and Applications</i> , 2017 , 11, 1404-1413	2.5	13
180	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. <i>ISA Transactions</i> , 2017 , 66, 376-392	5.5	210
179	Mixed H ₂ and passive control for singular systems with time delay via static output feedback. <i>Applied Mathematics and Computation</i> , 2017 , 293, 244-253	2.7	43
178	A new double integral inequality and application to stability test for time-delay systems. <i>Applied Mathematics Letters</i> , 2017 , 65, 26-31	3.5	38
177	Mode-dependent filter design for Markov jump systems with sensor nonlinearities in finite frequency domain. <i>Signal Processing</i> , 2017 , 134, 1-8	4.4	31
176	Characterizations and Criteria for Synchronization of Heterogeneous Networks to Linear Subspaces. <i>SIAM Journal on Control and Optimization</i> , 2017 , 55, 4048-4071	1.9	28
175	Stochastic Filtering with Stochastic Signal Transmissions. <i>Studies in Systems, Decision and Control</i> , 2017 , 83-96	0.8	
174	Output feedback control for singular Markovian jump systems with uncertain transition rates. <i>IET Control Theory and Applications</i> , 2016 , 10, 2142-2147	2.5	23
173	Three-Dimensional Characterization of Mechanical Interactions between Endothelial Cells and Extracellular Matrix during Angiogenic Sprouting. <i>Scientific Reports</i> , 2016 , 6, 21362	4.9	24
172	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	3.6	36
171	Static output feedback stabilization for fractional-order systems in T-S fuzzy models. <i>Neurocomputing</i> , 2016 , 218, 354-358	5.4	40
170	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	4	10

169	Global bounded consensus in heterogeneous multi-agent systems with directed communication graph. <i>IET Control Theory and Applications</i> , 2015 , 9, 147-152	2.5	23
168	Bounded synchronization of a heterogeneous complex switched network. <i>Automatica</i> , 2015 , 56, 19-24	5.7	78
167	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	4	24
166	Development of D-decomposition method for computing stabilizing gain ranges for general delay systems. <i>Journal of Process Control</i> , 2015 , 25, 94-104	3.9	8
165	Eigenvalue based approach to bounded synchronization of asymmetrically coupled networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 22, 769-779	3.7	13
164	Bounded synchronisation of a time-varying dynamical network with nonidentical nodes. <i>International Journal of Systems Science</i> , 2015 , 46, 1234-1245	2.3	12
163	Nonfragile Distributed Filtering for T _B Fuzzy Systems in Sensor Networks. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 1883-1890	8.3	213
162	Improved system identification with Renormalization Group. <i>ISA Transactions</i> , 2014 , 53, 1481-8	5.5	1
161	Mixed H ₂ and passivity based state estimation for fuzzy neural networks with Markovian-type estimator gain change. <i>Neurocomputing</i> , 2014 , 139, 321-327	5.4	22
160	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	1.8	2
159	Energy-efficient . <i>Signal Processing</i> , 2014 , 101, 134-141	4.4	13
158	A family of multi-path congestion control algorithms with global stability and delay robustness. <i>Automatica</i> , 2014 , 50, 3112-3122	5.7	7
157	Consensus of nonlinear multi-agent systems with adaptive protocols. <i>IET Control Theory and Applications</i> , 2014 , 8, 2245-2252	2.5	9
156	Robust H ₂ control of single input-delay systems based on sequential sub-predictors. <i>IET Control Theory and Applications</i> , 2014 , 8, 1175-1184	2.5	16
155	On computation of stabilizing loop gain and delay ranges for bi-proper delay systems. <i>ISA Transactions</i> , 2014 , 53, 1705-15	5.5	3
154	Probabilistic analytic center cutting plane method in robust (\mathcal{H}_2) track following control. <i>Microsystem Technologies</i> , 2013 , 19, 1407-1413	1.7	
153	Exponential synchronization in complex networks with a single coupling delay. <i>Journal of the Franklin Institute</i> , 2013 , 350, 1406-1423	4	13
152	Distributed H ₂ filtering for sensor networks with switching topology. <i>International Journal of Systems Science</i> , 2013 , 44, 2104-2118	2.3	31

151	A novel computational method for loop gain and phase margins of TITO systems. <i>Journal of the Franklin Institute</i> , 2013 , 350, 503-520	4	3
150	A tutorial review on process identification from step or relay feedback test. <i>Journal of Process Control</i> , 2013 , 23, 1597-1623	3.9	126
149	A general approach for synchronisation of nonlinear networked systems with switching topology. <i>International Journal of Systems Science</i> , 2013 , 44, 2199-2210	2.3	13
148	Sequential randomized algorithms for sampled convex optimization 2013 ,		6
147	\$H_{\infty}\$ Filtering for Networked Systems With Multiple Time-Varying Transmissions and Random Packet Dropouts. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 1705-1716	11.9	62
146	On the sample complexity of uncertain linear and bilinear matrix inequalities 2013 ,		4
145	Fuzzy-Model-Based Fault Detection for a Class of Nonlinear Systems With Networked Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2013 , 62, 3148-3159	5.2	76
144	Set-values filtering for discrete time-delay genetic regulatory networks with time-varying parameters. <i>Nonlinear Dynamics</i> , 2012 , 69, 693-703	5	31
143	Average contraction and synchronization of complex switched networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012 , 45, 205101	2	4
142	PID Control for MIMO Processes. <i>Advances in Industrial Control</i> , 2012 , 177-204	0.3	7
141	Relay Feedback Analysis for Double Integral Plants. <i>Journal of Control Science and Engineering</i> , 2011 , 2011, 1-5	1.2	
140	Tuning of multi-loop PI controllers based on gain and phase margin specifications. <i>Journal of Process Control</i> , 2011 , 21, 1287-1295	3.9	21
139	Exponential H ₂ Filtering for switched stochastic genetic regulatory networks with random sensor delays. <i>Asian Journal of Control</i> , 2011 , 13, 749-755	1.7	11
138	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> , 2011 , 25, 876-898	2.8	18
137	Lead/Lag Compensator Design for Unstable Delay Processes Based on New Gain and Phase Margin Specifications. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 1330-1337	3.9	11
136	Graphical methods for computation of stabilizing gain ranges for TITO systems 2011 ,		2
135	Synchronization in complex networks with switching topology. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011 , 375, 3070-3074	2.3	43
134	Stabilization and control of general unstable processes with large dead time. <i>Transactions of the Institute of Measurement and Control</i> , 2010 , 32, 286-306	1.8	2

133	Lead/lag compensator design for unstable processes based on gain and phase margin specifications 2010 ,		2
132	PID TUNING FOR DOMINANT POLES AND PHASE MARGIN. <i>Asian Journal of Control</i> , 2010 , 9, 466-469	1.7	12
131	Stabilizing control for a class of delay unstable processes. <i>ISA Transactions</i> , 2010 , 49, 318-25	5.5	19
130	Stabilization of all-pole unstable delay processes by simple controllers. <i>Journal of Process Control</i> , 2010 , 20, 235-239	3.9	39
129	Exact computation of loop gain margins of multivariable feedback systems. <i>Journal of Process Control</i> , 2010 , 20, 762-768	3.9	4
128	Stabilization conditions for a class of unstable delay processes of higher order. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2010 , 41, 440-445	5.3	18
127	Combined gain and phase margins. <i>ISA Transactions</i> , 2009 , 48, 428-33	5.5	2
126	Robust Adaptive Controller Design for Nonlinear Time-Delay Systems via TS Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 901-910	8.3	32
125	Pi Tuning Under Performance Constraints. <i>Asian Journal of Control</i> , 2008 , 4, 397-402	1.7	0
124	EXISTENCE ANALYSIS FOR LIMIT CYCLES OF RELAY FEEDBACK SYSTEMS. <i>Asian Journal of Control</i> , 2008 , 6, 428-431	1.7	1
123	DISTURBANCE COMPENSATION FOR TIME-DELAY PROCESSES. <i>Asian Journal of Control</i> , 2008 , 8, 28-35	1.7	4
122	A fault detection and diagnosis scheme for discrete nonlinear system using output probability density estimation 2008 ,		1
121	H_{∞} Filter Design for Nonlinear Systems With Time-Delay Through TS Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2008 , 16, 739-746	8.3	103
120	Frequency Domain Approach to Computing Loop Phase Margins of Multivariable Systems. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 4418-4424	3.9	4
119	Integral Identification of Continuous-Time Delay Systems in the Presence of Unknown Initial Conditions and Disturbances from Step Tests. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 4929-4936	3.9	9
118	. <i>IEEE Transactions on Fuzzy Systems</i> , 2008 , 16, 534-543	8.3	62
117	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. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2008 , 130,	1.6	2

115	Guaranteed Dominant Pole Placement with PID Controllers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 5842-5845		2
114	State-Space Digital PI Controller Design for Linear Stochastic Multivariable Systems with Input Delay. <i>Canadian Journal of Chemical Engineering</i> , 2008 , 84, 230-238	2.3	2
113	Relationship on Stabilizability of LTI Systems by P and PI Controllers. <i>Canadian Journal of Chemical Engineering</i> , 2008 , 85, 374-377	2.3	5
112	Identification of Multivariable Delay Processes in Presence of Nonzero Initial Conditions and Disturbances. <i>Canadian Journal of Chemical Engineering</i> , 2008 , 85, 399-407	2.3	1
111	Approximate Pole Placement with Dominance for Continuous Delay Systems by PID Controllers. <i>Canadian Journal of Chemical Engineering</i> , 2008 , 85, 549-557	2.3	7
110	On loop phase margins of multivariable control systems. <i>Journal of Process Control</i> , 2008 , 18, 202-211	3.9	10
109	Observer-based . <i>Automatica</i> , 2008 , 44, 868-874	5.7	79
108	Exponential stabilization controller design for interconnected time delay systems. <i>Automatica</i> , 2008 , 44, 2600-2606	5.7	46
107	On stabilizing PI controller ranges for multivariable systems. <i>Chaos, Solitons and Fractals</i> , 2008 , 35, 620-625	3.9	3
106	Novel Disturbance Controller Design for a Two-Degrees-of-Freedom Smith Scheme. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 540-545	3.9	3
105	CHAOS SYNCHRONIZATION VIA MULTIVARIABLE PID CONTROL. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 1753-1758	2	20
104	Further Improvement of Free-Weighting Matrices Technique for Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 293-299	5.9	517
103	Delay-range-dependent stability for systems with time-varying delay. <i>Automatica</i> , 2007 , 43, 371-376	5.7	663
102	Improved identification of continuous-time delay processes from piecewise step tests. <i>Journal of Process Control</i> , 2007 , 17, 51-57	3.9	42
101	A quasi-LMI approach to computing stabilizing parameter ranges of multi-loop PID controllers. <i>Journal of Process Control</i> , 2007 , 17, 59-72	3.9	33
100	Multivariable PD controller design for fast chaos synchronization of Lur'e systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 363, 192-196	2.3	3
99	Relay feedback analysis for a class of servo plants. <i>Journal of Mathematical Analysis and Applications</i> , 2007 , 334, 28-42	1.1	7
98	Modified Smith predictor design for periodic disturbance rejection. <i>ISA Transactions</i> , 2007 , 46, 493-503	5.5	19

97	Observer-based H infinity control for T-S fuzzy systems with time delay: delay-dependent design method. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007 , 37, 1030-8		47
96	PID Tuning for Dominant Poles and Phase Margin 2006 ,		3
95	Delay-dependent state estimation for delayed neural networks. <i>IEEE Transactions on Neural Networks</i> , 2006 , 17, 1077-81		158
94	. <i>IEEE Transactions on Fuzzy Systems</i> , 2006 , 14, 542-551	8.3	102
93	A less conservative robust stability test for linear uncertain time-delay systems. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 87-91	5.9	184
92	Robust Process Identification from Relay Tests in the Presence of Nonzero Initial Conditions and Disturbance. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 4063-4070	3.9	16
91	STABILIZATION OF SECOND-ORDER UNSTABLE DELAY PROCESSES BY PID CONTROLLERS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006 , 39, 19-24		
90	Tuning of phase-lead compensators for exact gain and phase margins. <i>Automatica</i> , 2006 , 42, 349-352	5.7	29
89	Less conservative stability conditions for fuzzy large-scale systems with time delays. <i>Chaos, Solitons and Fractals</i> , 2006 , 29, 1147-1154	9.3	26
88	Synthesis for robust synchronization of chaotic systems under output feedback control with multiple random delays. <i>Chaos, Solitons and Fractals</i> , 2006 , 29, 1142-1146	9.3	38
87	Delay-dependent LMI conditions for stability and stabilization of TS fuzzy systems with bounded time-delay. <i>Fuzzy Sets and Systems</i> , 2006 , 157, 1229-1247	3.7	124
86	Robust normalization and stabilization of Uncertain Descriptor systems with norm-Bounded Perturbations. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 515-520	5.9	69
85	Simplified Identification of Time-Delay Systems with Nonzero Initial Conditions from Pulse Tests. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 7591-7595	3.9	8
84	. <i>IEEE Transactions on Fuzzy Systems</i> , 2005 , 13, 787-798	8.3	94
83	TUNING OF LEAD COMPENSATORS WITH GAIN AND PHASE MARGIN SPECIFICATIONS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 343-348		
82	Handbook of PI and PID Controller Tuning Rules, Aidan ODwyer, Imperial College Press, London, 375pp, ISBN 1-86094-342-X, 2003. <i>Automatica</i> , 2005 , 41, 355-356	5.7	3
81	Adaptive robust control of uncertain time delay systems. <i>Automatica</i> , 2005 , 41, 1375-1383	5.7	63
80	A double two-degree-of-freedom control scheme for improved control of unstable delay processes. <i>Journal of Process Control</i> , 2005 , 15, 605-614	3.9	85

79	LMI-based stability criteria for neural networks with multiple time-varying delays. <i>Physica D: Nonlinear Phenomena</i> , 2005 , 212, 126-136	3.3	95
78	Improvement on observer-based . <i>Automatica</i> , 2005 , 41, 1651-1656	5.7	88
77	Global robust stability for delayed neural networks with polytopic type uncertainties. <i>Chaos, Solitons and Fractals</i> , 2005 , 26, 1349-1354	9.3	67
76	Augmented Lyapunov functional and delay-dependent stability criteria for neutral systems. <i>International Journal of Robust and Nonlinear Control</i> , 2005 , 15, 923-933	3.6	175
75	ONE-STAGE IDENTIFICATION OF CONTINUOUS TIME DELAY SYSTEMS WITH UNKNOWN INITIAL CONDITIONS AND DISTURBANCE FROM PULSE TESTS. <i>Modern Physics Letters B</i> , 2005 , 19, 1695-1698	1.6	4
74	Stability criteria and bounds for limit cycles of relay feedback systems. <i>Dynamical Systems</i> , 2004 , 19, 161-170	1.0	3
73	An improvement on multivariable PID controller design via iterative LMI approach. <i>Automatica</i> , 2004 , 40, 519-525	5.7	77
72	Relay Feedback: A Complete Analysis for First-Order Systems. <i>Industrial & Engineering Chemistry Research</i> , 2004 , 43, 8400-8402	3.9	20
71	Non-interacting control design for multivariable industrial processes. <i>Journal of Process Control</i> , 2003 , 13, 253-265	3.9	44
70	Local stability of limit cycles for MIMO relay feedback systems. <i>Journal of Mathematical Analysis and Applications</i> , 2003 , 288, 112-123	1.1	6
69	Relay Feedback 2003 ,		52
68	Dominant pole placement for multi-loop control systems. <i>Automatica</i> , 2002 , 38, 1213-1220	5.7	45
67	Robust PID controller design via LMI approach. <i>Journal of Process Control</i> , 2002 , 12, 3-13	3.9	178
66	An effective frequency domain approach to tuning non-PID controllers for high performance. <i>ISA Transactions</i> , 2002 , 41, 37-49	5.5	5
65	On uniqueness of solutions to relay feedback systems. <i>Automatica</i> , 2002 , 38, 177-180	5.7	6
64	On the design of multivariable PID controllers via LMI approach. <i>Automatica</i> , 2002 , 38, 517-526	5.7	171
63	Decoupling internal model control for multivariable systems with multiple time delays. <i>Chemical Engineering Science</i> , 2002 , 57, 115-124	4.4	107
62	IMC-Based Controller Design for MIMO Systems.. <i>Journal of Chemical Engineering of Japan</i> , 2002 , 35, 1231-1243	0.8	7

61	IMC-Based Control System Design for Unstable Processes. <i>Industrial & Engineering Chemistry Research</i> , 2002 , 41, 4288-4294	3.9	64
60	Virtual feedforward control for asymptotic rejection of periodic disturbance. <i>IEEE Transactions on Industrial Electronics</i> , 2002 , 49, 566-573	8.9	8
59	Output tracking control of MIMO fuzzy nonlinear systems using variable structure control approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2002 , 10, 686-697	8.3	62
58	Stability of Limit Cycles for Time-Delay Relay Feedback Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2001 , 34, 395-400		
57	High-performance conversions between continuous- and discrete-time systems. <i>Signal Processing</i> , 2001 , 81, 1865-1877	4.4	3
56	Robust closed-loop identification with application to auto-tuning. <i>Journal of Process Control</i> , 2001 , 11, 519-530	3.9	40
55	Direct identification of continuous time delay systems from step responses. <i>Journal of Process Control</i> , 2001 , 11, 531-542	3.9	72
54	Co-operative control of multi-input single-output processes: on-line strategy for releasing input saturation. <i>Control Engineering Practice</i> , 2001 , 9, 491-500	3.9	7
53	Robust identification of continuous systems with dead-time from step responses. <i>Automatica</i> , 2001 , 37, 377-390	5.7	130
52	Single-loop controller design via IMC principles. <i>Automatica</i> , 2001 , 37, 2041-2048	5.7	90
51	Partial internal model control. <i>IEEE Transactions on Industrial Electronics</i> , 2001 , 48, 976-982	8.9	28
50	Design of decoupled PID controllers for MIMO systems 2001 ,		21
49	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> , 2001 , 31, 666-675		40
48	A Novel FFT-Based Robust Multivariable Process Identification Method. <i>Industrial & Engineering Chemistry Research</i> , 2001 , 40, 2485-2494	3.9	7
47	A NEW INTERNAL MODEL CONTROL SCHEME WITH SIMPLIFIED DESIGN AND IMPLEMENTATION. <i>Chemical Engineering Communications</i> , 2001 , 184, 35-47	2.2	2
46	Internal model control design for transition control. <i>AIChE Journal</i> , 2000 , 46, 309-320	3.6	22
45	PI/PID controller tuning via LQR approach. <i>Chemical Engineering Science</i> , 2000 , 55, 2429-2439	4.4	80
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