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	Delay-range-dependent stability for systems with time-varying delay. Automatica, 2007, 43, 371-376.	5.0	855
2	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
3	An extended reciprocally convex matrix inequality for stability analysis of systems with time-varying delay. Automatica, 2017, 85, 481-485.	5.0	353
4	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. ISA Transactions, 2017, 66, 376-392.	5.7	326
5	Nonfragile Distributed Filtering for Tâ€“S Fuzzy Systems in Sensor Networks. IEEE Transactions on Fuzzy Systems, 2015, 23, 1883-1890.	9.8	302
6	PID tuning for improved performance. IEEE Transactions on Control Systems Technology, 1999, 7, 457-465.	5.2	252
7	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
8	On the design of multivariable PID controllers via LMI approach. Automatica, 2002, 38, 517-526.	5.0	236
9	A Less Conservative Robust Stability Test for Linear Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2006, 51, 87-91.	5.7	231
10	Auto-tuning of multivariable PID controllers from decentralized relay feedback. Automatica, 1997, 33, 319-330.	5.0	222
11	Robust PID controller design via LMI approach. Journal of Process Control, 2002, 12, 3-13.	3.3	218
12	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
13	Delay-Dependent State Estimation for Delayed Neural Networks. IEEE Transactions on Neural Networks, 2006, 17, 1077-1081.	4.2	193
14	A tutorial review on process identification from step or relay feedback test. Journal of Process Control, 2013, 23, 1597-1623.	3.3	173
15	Robust identification of continuous systems with dead-time from step responses. Automatica, 2001, 37, 377-390.	5.0	158
16	Delay-dependent LMI conditions for stability and stabilization of Tâ€“S fuzzy systems with bounded time-delay. Fuzzy Sets and Systems, 2006, 157, 1229-1247.	2.7	157
17	Stability and stabilization of a class of fuzzy time-delay descriptor systems. IEEE Transactions on Fuzzy Systems, 2006, 14, 542-551.	9.8	146
18	Robust identification of first-order plus dead-time model from step response. Control Engineering Practice, 1999, 7, 71-77.	5.5	141

#	Article	IF	Citations
19	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
20	Decoupling internal model control for multivariable systems with multiple time delays. Chemical Engineering Science, 2002, 57, 115-124.	3.8	132
21	Distributed H_infty 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
22	A survey on attack detection, estimation and control of industrial cyberâ€“physical systems. ISA Transactions, 2021, 116, 1-16.	5.7	132
23	$H_{infty} $ 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
24	Stabilization of uncertain fuzzy time-delay systems via variable structure control approach. IEEE Transactions on Fuzzy Systems, 2005, 13, 787-798.	9.8	123
25	Advanced controller auto-tuning and its application in HVAC systems. Control Engineering Practice, 2000, 8, 633-644.	5.5	121
26	Single-loop controller design via IMC principles. Automatica, 2001, 37, 2041-2048.	5.0	121
27	Auto-tuning of TITO decoupling controllers from step tests. ISA Transactions, 2000, 39, 407-418.	5.7	119
28	LMI-based stability criteria for neural networks with multiple time-varying delays. Physica D: Nonlinear Phenomena, 2005, 212, 126-136.	2.8	115
29	PI/PID controller tuning via LQR approach. Chemical Engineering Science, 2000, 55, 2429-2439.	3.8	112
30	Improvement on observer-based <mml:math altimg="si4.gif" display="inline" overflow="scroll" 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:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://ww. Automatica, 200	5.0	110
31	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
32	Low-Order Modeling from Relay Feedback. Industrial & Engineering Chemistry Research, 1997, 36, 375-381.	3.7	101
33	An improvement on multivariable PID controller design via iterative LMI approach. Automatica, 2004, 40, 519-525.	5.0	101
34	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
35	Direct identification of continuous time delay systems from step responses. Journal of Process Control, 2001, 11, 531-542.	3.3	96
36	Bounded synchronization of a heterogeneous complex switched network. Automatica, 2015, 56, 19-24.	5.0	96

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37	Observer-based <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž</mml:mo></mml:mrow></ fuzzy control design for Tâ€“S fuzzy systems with state delays. Automatica, 2008, 44, 868-874.	5.0	94
38	Robust normalization and stabilization of Uncertain Descriptor systems with norm-Bounded Perturbations. IEEE Transactions on Automatic Control, 2005, 50, 515-520.	5.7	91
39	H_infty 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
40	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
41	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
42	PI Tuning in Terms of Gain and Phase Margins. Automatica, 1998, 34, 1145-1149.	5.0	85
43	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
44	Global robust stability for delayed neural networks with polytopic type uncertainties. Chaos, Solitons and Fractals, 2005, 26, 1349-1354.	5.1	84
45	Adaptive robust control of uncertain time delay systems. Automatica, 2005, 41, 1375-1383.	5.0	82
46	Design of Observer-Based H_infty Control for Fuzzy Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2008, 16, 534-543.	9.8	79
47	Observer-Based H_{infty} 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
48	PID tuning with exact gain and phase margins. ISA Transactions, 1999, 38, 243-249.	5.7	71
49	IMC-Based Control System Design for Unstable Processes. Industrial & Engineering Chemistry Research, 2002, 41, 4288-4294.	3.7	71
50	Relay Feedback. , 2003, , .		71
51	PI/PID controller tuning via LQR approach. , 0, , .		70
52	Mixed Hâ^ž and passive control for singular systems with time delay via static output feedback. Applied Mathematics and Computation, 2017, 293, 244-253.	2.2	61
53	Exponential stabilization controller design for interconnected time delay systems. Automatica, 2008, 44, 2600-2606.	5.0	58
54	A new double integral inequality and application to stability test for time-delay systems. Applied Mathematics Letters, 2017, 65, 26-31.	2.7	54

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55	Static output feedback stabilization for fractional-order systems in T-S fuzzy models. Neurocomputing, 2016, 218, 354-358.	5.9	53
56	Adaptive fuzzy finite-time command filtered tracking control for permanent magnet synchronous motors. Neurocomputing, 2019, 337, 110-119.	5.9	53
57	Decoupling Smith Predictor Design for Multivariable Systems with Multiple Time Delays. Chemical Engineering Research and Design, 2000, 78, 565-572.	5.6	52
58	Process frequency response estimation from relay feedback. Control Engineering Practice, 1997, 5, 1293-1302.	5.5	51
59	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
60	Non-interacting control design for multivariable industrial processes. Journal of Process Control, 2003, 13, 253-265.	3.3	51
61	Distributed non-fragile filtering for T-S fuzzy systems with event-based communications. Fuzzy Sets and Systems, 2017, 306, 137-152.	2.7	51
62	Dominant pole placement for multi-loop control systems. Automatica, 2002, 38, 1213-1220.	5.0	50
63	A novel Lyapunovâ€“Krasovskii functional approach to stability and stabilization for Tâ€“S fuzzy systems with time delay. Neurocomputing, 2018, 313, 288-294.	5.9	50
64	Robust closed-loop identification with application to auto-tuning. Journal of Process Control, 2001, 11, 519-530.	3.3	49
65	Synchronization in complex networks with switching topology. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3070-3074.	2.1	49
66	Improved identification of continuous-time delay processes from piecewise step tests. Journal of Process Control, 2007, 17, 51-57.	3.3	47
67	Stabilization of all-pole unstable delay processes by simple controllers. Journal of Process Control, 2010, 20, 235-239.	3.3	47
68	Relay-based estimation of multiple points on process frequency response. Automatica, 1997, 33, 1753-1757.	5.0	45
69	Energyâ€efficient distributed control of largeâ€scale systems: A switched system approach. International Journal of Robust and Nonlinear Control, 2016, 26, 3101-3117.	3.7	45
70	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
71	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
72	A technique for frequency response identification from relay feedback. IEEE Transactions on Control Systems Technology, 1999, 7, 122-128.	5.2	42

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73	Robust Hâˆž 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
74	Design of decoupled PID controllers for MIMO systems. , 2001, , .		41
75	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
76	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
77	Leaderâ€“follower Hâˆž consensus of linear multi-agent systems with aperiodic sampling and switching connected topologies. ISA Transactions, 2017, 68, 150-159.	5.7	39
78	Multiloop Version of the Modified Zieglerâˆ’Nichols Method for Two Input Two Output Processes. Industrial & Engineering Chemistry Research, 1998, 37, 4725-4733.	3.7	37
79	DistributedH_{âˆž}filtering for sensor networks with switching topology. International Journal of Systems Science, 2013, 44, 2104-2118.	5.5	37
80	Partial internal model control. IEEE Transactions on Industrial Electronics, 2001, 48, 976-982.	7.9	35
81	Tuning of phase-lead compensators for exact gain and phase margins. Automatica, 2006, 42, 349-352.	5.0	35
82	Set-values filtering for discrete time-delay genetic regulatory networks with time-varying parameters. Nonlinear Dynamics, 2012, 69, 693-703.	5.2	35
83	Mode-dependent filter design for Markov jump systems with sensor nonlinearities in finite frequency domain. Signal Processing, 2017, 134, 1-8.	3.7	35
84	Stability analysis of Lurâ€™e systems with additive delay components via a relaxed matrix inequality. Applied Mathematics and Computation, 2018, 328, 224-242.	2.2	35
85	Output feedback control for singular Markovian jump systems with uncertain transition rates. IET Control Theory and Applications, 2016, 10, 2142-2147.	2.1	33
86	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
87	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
88	Three-Dimensional Characterization of Mechanical Interactions between Endothelial Cells and Extracellular Matrix during Angiogenic Sprouting. Scientific Reports, 2016, 6, 21362.	3.3	31
89	Less conservative stability conditions for fuzzy large-scale systems with time delays. Chaos, Solitons and Fractals, 2006, 29, 1147-1154.	5.1	30
90	Internal stability of interconnected systems. IEEE Transactions on Automatic Control, 1999, 44, 593-596.	5.7	29

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91	Tuning of multi-loop PI controllers based on gain and phase margin specifications. Journal of Process Control, 2011, 21, 1287-1295.	3.3	29
92	Characterizations and Criteria for Synchronization of Heterogeneous Networks to Linear Subspaces. SIAM Journal on Control and Optimization, 2017, 55, 4048-4071.	2.1	29
93	Intelligent event-based output feedback control with Q-learning for unmanned marine vehicle systems. Control Engineering Practice, 2020, 105, 104616.	5.5	29
94	Distributed fault detection for a class of large-scale systems with multiple incomplete measurements. Journal of the Franklin Institute, 2015, 352, 3730-3749.	3.4	28
95	Design, analysis and application of a new disturbance rejection PID for uncertain systems. ISA Transactions, 2020, 101, 281-294.	5.7	28
96	Global bounded consensus in heterogeneous multiâ€agent systems with directed communication graph. IET Control Theory and Applications, 2015, 9, 147-152.	2.1	27
97	Automatic tuning of finite spectrum assignment controllers for delay systems. Automatica, 1995, 31, 477-482.	5.0	26
98	A Frequency Domain Controller Design Method. Chemical Engineering Research and Design, 1997, 75, 64-72.	5.6	26
99	Internal model control design for transition control. AICHE Journal, 2000, 46, 309-320.	3.6	26
100	Modified Smith predictor design for periodic disturbance rejection. ISA Transactions, 2007, 46, 493-503.	5.7	26
101	Decoupling with internal stability for unity output feedback systems. Automatica, 1992, 28, 411-415.	5.0	25
102	Re-design of Smith predictor systems for performance enhancement. ISA Transactions, 2000, 39, 79-92.	5.7	25
103	Relay Feedback:Â A Complete Analysis for First-Order Systems. Industrial & Engineering Chemistry Research, 2004, 43, 8400-8402.	3.7	25
104	Stabilizing control for a class of delay unstable processes. ISA Transactions, 2010, 49, 318-325.	5.7	24
105	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
106	CHAOS SYNCHRONIZATION VIA MULTIVARIABLE PID CONTROL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 1753-1758.	1.7	23
107	Mixed Hâˆž and passivity based state estimation for fuzzy neural networks with Markovian-type estimator gain change. Neurocomputing, 2014, 139, 321-327.	5.9	23
108	Identification of Hammerstein systems with time delay under load disturbance. IET Control Theory and Applications, 2018, 12, 942-952.	2.1	22

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109	Stability Analysis for Delayed Neural Networks via a Novel Negative-Definiteness Determination Method. IEEE Transactions on Cybernetics, 2022, 52, 5356-5366.	9.5	22
110	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
111	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
112	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
113	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
114	Stabilization for Singular Fractional-Order Systems via Static Output Feedback. IEEE Access, 2018, 6, 71678-71684.	4.2	19
115	Exponential synchronization in complex networks with a single coupling delay. Journal of the Franklin Institute, 2013, 350, 1406-1423.	3.4	18
116	Robust H _{â^ž} control of single inputâ€delay systems based on sequential subâ€predictors. IET Control Theory and Applications, 2014, 8, 1175-1184.	2.1	18
117	Development of D-decomposition method for computing stabilizing gain ranges for general delay systems. Journal of Process Control, 2015, 25, 94-104.	3.3	18
118	Identification of dualâ€rate sampled systems with time delay subject to load disturbance. IET Control Theory and Applications, 2017, 11, 1404-1413.	2.1	18
119	Block decoupling with stability by unity output feedbackâ€”Solution and performance limitations. Automatica, 1993, 29, 735-744.	5.0	17
120	Robust estimation of process frequency response from relay feedback. ISA Transactions, 1999, 38, 3-9.	5.7	16
121	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
122	A general approach for synchronisation of nonlinear networked systems with switching topology. International Journal of Systems Science, 2013, 44, 2199-2210.	5.5	16
123	Consensus of nonlinear multiâ€agent systems with adaptive protocols. IET Control Theory and Applications, 2014, 8, 2245-2252.	2.1	16
124	Energy-efficient <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0023.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž</mml:mo></mml:mrow></ filtering for networked systems with stochastic signal transmissions. Signal Processing, 2014, 101, 134-141.	3.7	16
125	Use of FFT in relay feedback systems. Electronics Letters, 1997, 33, 1099.	1.0	15
126	A Frequency Response Approach to Autotuning of Multivariable Controllers. Chemical Engineering Research and Design, 1997, 75, 797-806.	5.6	15

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127	On loop phase margins of multivariable control systems. Journal of Process Control, 2008, 18, 202-211.	3.3	14
128	PID TUNING FOR DOMINANT POLES AND PHASE MARGIN. Asian Journal of Control, 2007, 9, 466-469.	3.0	14
129	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
130	Fractal-Based Reliability Measure for Heterogeneous Manufacturing Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 6407-6414.	11.3	14
131	PID Control for MIMO Processes. Advances in Industrial Control, 2012, , 177-204.	0.5	14
132	Low-order stabilizers for linear systems. Automatica, 1997, 33, 651-654.	5.0	13
133	A Comparative Study of Model-Based Control Techniques for Batch Crystallization Process.. Journal of Chemical Engineering of Japan, 1999, 32, 456-464.	0.6	13
134	Exponential H_{âˆž} filtering for switched stochastic genetic regulatory networks with random sensor delays. Asian Journal of Control, 2011, 13, 749-755.	3.0	13
135	Eigenvalue based approach to bounded synchronization of asymmetrically coupled networks. Communications in Nonlinear Science and Numerical Simulation, 2015, 22, 769-779.	3.3	13
136	Bounded synchronisation of a time-varying dynamical network with nonidentical nodes. International Journal of Systems Science, 2015, 46, 1234-1245.	5.5	13
137	Polynomial Lyapunov Functions for Synchronization of Nonlinearly Coupled Complex Networks. IEEE Transactions on Cybernetics, 2022, 52, 1812-1821.	9.5	13
138	Sensor-network-based distributed stabilization of nonlinear large-scale systems with energy constraints and random sensor faults. Journal of the Franklin Institute, 2015, 352, 3345-3365.	3.4	12
139	Output regulation for stochastic delay systems under asynchronous switching with dissipativity. International Journal of Control, 2021, 94, 548-557.	1.9	12
140	Virtual feedforward control for asymptotic rejection of periodic disturbance. IEEE Transactions on Industrial Electronics, 2002, 49, 566-573.	7.9	11
141	Guaranteed Dominant Pole Placement with PID Controllers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5842-5845.	0.4	11
142	Finite spectrum assignment for multivariable delay systems in the frequency domain. International Journal of Control, 1988, 47, 729-734.	1.9	10
143	Identifiability of Lagrangian Systems With Application to Robot Manipulators. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1991, 113, 289-294.	1.6	10
144	Multivariable Process Identification and Control From Decentralized Relay Feedback. International Journal of Modelling and Simulation, 2000, 20, 341-348.	3.3	10

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145	IMC-Based Controller Design for MIMO Systems.. Journal of Chemical Engineering of Japan, 2002, 35, 1231-1243.	0.6	10
146	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
147	An efficient division algorithm for polynomial matrices. IEEE Transactions on Automatic Control, 1986, 31, 165-166.	5.7	9
148	Frequency-domain finite spectrum assignment for delay systems with multiple poles. International Journal of Control, 1993, 58, 735-738.	1.9	9
149	A Novel FFT-Based Robust Multivariable Process Identification Method. Industrial & Engineering Chemistry Research, 2001, 40, 2485-2494.	3.7	9
150	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
151	On uniqueness of solutions to relay feedback systems. Automatica, 2002, 38, 177-180.	5.0	9
152	Sequential randomized algorithms for sampled convex optimization. , 2013, , .		9
153	A Distributed Traffic Control Strategy Based on Cell-Transmission Model. IEEE Access, 2018, 6, 10771-10778.	4.2	9
154	Three-Dimensional CAD Model Matching With Anisotropic Diffusion Maps. IEEE Transactions on Industrial Informatics, 2018, 14, 265-274.	11.3	9
155	Analysis and prediction of COVID-19 epidemic in South Africa. ISA Transactions, 2022, 124, 182-190.	5.7	9
156	Simplified Identification of Time-Delay Systems with Nonzero Initial Conditions from Pulse Tests. Industrial & Engineering Chemistry Research, 2005, 44, 7591-7595.	3.7	8
157	Approximate Pole Placement with Dominance for Continuous Delay Systems by PID Controllers. Canadian Journal of Chemical Engineering, 2008, 85, 549-557.	1.7	8
158	Exact computation of loop gain margins of multivariable feedback systems. Journal of Process Control, 2010, 20, 762-768.	3.3	8
159	A family of multi-path congestion control algorithms with global stability and delay robustness. Automatica, 2014, 50, 3112-3122.	5.0	8
160	Implementation and testing of an advanced relay auto-tuner. Journal of Process Control, 1999, 9, 291-300.	3.3	7
161	Relay feedback analysis for a class of servo plants. Journal of Mathematical Analysis and Applications, 2007, 334, 28-42.	1.0	7
162	An Extended Self-Organizing Map for Nonlinear System Identification. Industrial & Engineering Chemistry Research, 2000, 39, 3778-3788.	3.7	6

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163	Local stability of limit cycles for MIMO relay feedback systems. Journal of Mathematical Analysis and Applications, 2003, 288, 112-123.	1.0	6
164	Novel Disturbance Controller Design for a Two-Degrees-of-Freedom Smith Scheme. Industrial & Engineering Chemistry Research, 2007, 46, 540-545.	3.7	6
165	Average contraction and synchronization of complex switched networks. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 205101.	2.1	6
166	A graphical approach to computing loop gain margins for TITO systems. Transactions of the Institute of Measurement and Control, 2014, 36, 600-603.	1.7	6
167	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
168	A Decomposition Approach for Synchronization of Heterogeneous Complex Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 853-863.	9.3	6
169	High-performance conversions between continuous- and discrete-time systems. Signal Processing, 2001, 81, 1865-1877.	3.7	5
170	An effective frequency domain approach to tuning non-PID controllers for high performance. ISA Transactions, 2002, 41, 37-49.	5.7	5
171	Handbook of PI and PID Controller Tuning Rules, Aidan Oâ€™Dwyer, Imperial College Press, London, 375pp, ISBN 1-86094-342-X, 2003. Automatica, 2005, 41, 355-356.	5.0	5
172	Relationship on Stabilizability of LTIÂSystemsÂbyÂP and PI Controllers. Canadian Journal of Chemical Engineering, 2008, 85, 374-377.	1.7	5
173	DISTURBANCE COMPENSATION FOR TIME-DELAY PROCESSES. Asian Journal of Control, 2008, 8, 28-35.	3.0	5
174	Frequency Domain Approach to Computing Loop Phase Margins of Multivariable Systems. Industrial & Engineering Chemistry Research, 2008, 47, 4418-4424.	3.7	5
175	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
176	On computation of stabilizing loop gain and delay ranges for bi-proper delay systems. ISA Transactions, 2014, 53, 1705-1715.	5.7	5
177	Pole assignment by output feedback. Automatica, 1993, 29, 1599-1601.	5.0	4
178	Parameter identification of continuous-time mechanical systems without sensing accelerations. Computers in Industry, 1996, 28, 207-217.	9.9	4
179	Towards minimal-order stabilizers for all-pole plants. Systems and Control Letters, 1997, 31, 49-57.	2.3	4
180	A method to incorporate controller output constraints into controller design. ISA Transactions, 1998, 37, 323-327.	5.7	4

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181	Stability criteria and bounds for limit cycles of relay feedback systems. Dynamical Systems, 2004, 19, 161-170.	0.4	4
182	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
183	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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