

Magdi Sadek Mahmoud

List of Publications by Year in descending order

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446
papers

8,289
citations

76031

42
h-index

107981

68
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457
all docs

457
docs citations

457
times ranked

4020
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization of distributed cyber physical systems subject to denial-of-service attack. International Journal of Control, 2022, 95, 692-702.	1.2	7
2	Event-triggering control scheme for discrete time Cyberphysical Systems in the presence of simultaneous hybrid stochastic attacks. ISA Transactions, 2022, 122, 1-12.	3.1	16
3	Scaled consensus for multiagent systems under denial-of-service attacks and exogenous disturbance. International Journal of Systems Science, 2022, 53, 108-121.	3.7	7
4	Secure filtering in power systems. , 2022, , 305-325.		0
5	Event-triggered leader-following consensus for a class of nonlinear multiagent systems with time-varying delay. International Journal of Robust and Nonlinear Control, 2022, 32, 3314-3333.	2.1	5
6	Safe control methods. , 2022, , 105-162.		0
7	Event-triggering control of cyberphysical power systems. , 2022, , 163-193.		0
8	Scaled-Type Consensus. Studies in Systems, Decision and Control, 2022, , 83-125.	0.8	0
9	Cooperative Synchronization Control and Filtering. Studies in Systems, Decision and Control, 2022, , 343-389.	0.8	0
10	Stabilizing of Inverted Pendulum System Using Robust Sliding Mode Control. International Journal of Robotics and Control Systems, 2022, 2, 230-239.	0.6	3
11	Backstepping Sliding Mode Control for Inverted Pendulum System with Disturbance and Parameter Uncertainty. Journal of Robotics and Control (JRC), 2022, 3, 86-92.	0.9	10
12	Neuro-adaptive output feedback control of the continuous polymerization reactor subjected to parametric uncertainties and external disturbances. ISA Transactions, 2021, 112, 1-11.	3.1	6
13	Output-Synchronization of Discrete-Time Multiagent Systems: A Cooperative Event-Triggered Dissipative Approach. IEEE Transactions on Network Science and Engineering, 2021, 8, 114-125.	4.1	21
14	An overview of time-delay control systems. , 2021, , 1-82.		1
15	Quantised scaled consensus of linear multiagent systems on faulty networks. International Journal of Systems Science, 2021, 52, 1692-1706.	3.7	10
16	Neuro-adaptive fast terminal sliding mode control of the continuous polymerization reactor in the presence of unknown disturbances. International Journal of Dynamics and Control, 2021, 9, 1167-1176.	1.5	4
17	Event-based coordination control. , 2021, , 223-268.		0
18	Consensus over fixed networks. , 2021, , 15-71.		0

#	ARTICLE	IF	CITATIONS
19	Structural and performance patterns. , 2021, , 49-90.		0
20	Consensus on state-dependent fuzzy graphs. , 2021, , 197-227.		0
21	Distributed coordination on state-dependent fuzzy graphs. Journal of the Franklin Institute, 2021, 358, 2826-2845.	1.9	2
22	Prescribed performance output feedback synchronisation control of bilateral teleoperation system with actuator nonlinearities. International Journal of Systems Science, 2021, 52, 3115-3127.	3.7	10
23	Scaled consensus design for multiagent systems under DoS attacks and communication-delays. Journal of the Franklin Institute, 2021, 358, 3901-3918.	1.9	20
24	Discrete networked dynamic systems with mode separation: state and output synchronization. Journal of Difference Equations and Applications, 2021, 27, 986-1005.	0.7	2
25	Optimizing the Parameters of Sliding Mode Controllers for Stepper Motor through Simulink Response Optimizer Application. International Journal of Robotics and Control Systems, 2021, 1, 209-225.	0.6	6
26	Distributed event-triggered consensus protocols for discrete-time multiagent systems. IMA Journal of Mathematical Control and Information, 2021, 38, 1046-1071.	1.1	4
27	Advanced distributed filtering. , 2021, , 385-449.		0
28	Advanced approaches to multiagent coordination. , 2021, , 269-329.		0
29	Energy-based cooperative control. , 2021, , 137-187.		0
30	Discrete-time attitude stabilization of reusable reentry vehicle by convex optimization. International Journal of Dynamics and Control, 2021, 9, 1092-1099.	1.5	4
31	An Adaptive Sliding Mode Control for Single Machine Infinite Bus System under Unknown Uncertainties. International Journal of Robotics and Control Systems, 2021, 1, 226-243.	0.6	2
32	Methodologies and Applications of Artificial Intelligence in Systems Engineering. International Journal of Robotics and Control Systems, 2021, 2, 201-229.	0.6	0
33	Distributed H ₂ H filter design for discrete-time switched systems. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 158-168.	8.5	4
34	Quantized H_{∞} Estimator Over Communication Networks for Distributed Generation Units. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1134-1146.	5.9	7
35	Stackelberg-Game-Based Defense Analysis Against Advanced Persistent Threats on Cloud Control System. IEEE Transactions on Industrial Informatics, 2020, 16, 1571-1580.	7.2	19
36	Coordination control strategies for multivehicle systems. Journal of the Franklin Institute, 2020, 357, 12197-12222.	1.9	1

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37	Integral reinforcement learning solutions for a synchronisation system with constrained policies. IET Control Theory and Applications, 2020, 14, 1599-1611.	1.2	1
38	Robust Adaptive Multilevel Control of a Quadrotor. IEEE Access, 2020, 8, 167684-167692.	2.6	8
39	Secure control of cyber physical systems subject to stochastic distributed DoS and deception attacks. International Journal of Systems Science, 2020, 51, 1653-1668.	3.7	29
40	Consensus in multi-agent systems over time-varying networks. Cyber-Physical Systems, 2020, 6, 117-145.	1.6	5
41	Discrete-Time Networked Dynamic Systems. WSEAS Transactions on Systems and Control, 2020, 15, 212-217.	0.5	2
42	Improved control of cyber-physical systems subject to cyber and physical attacks. Cyber-Physical Systems, 2019, 5, 173-190.	1.6	20
43	Stochastic Control Approach for Distributed Generation Units Interacting on Graphs. , 2019, , 77-98.		0
44	Observer-Based Control Design: Basics, Progress, and Outlook. , 2019, , 143-208.		0
45	On LQG control design for network systems with/without acknowledgments using a particle filtering technology. Applied Mathematics and Computation, 2019, 359, 52-70.	1.4	6
46	Modeling and control of Cyber-Physical Systems subject to cyber attacks: A survey of recent advances and challenges. Neurocomputing, 2019, 338, 101-115.	3.5	180
47	Networked Control Systems' Fundamentals. , 2019, , 37-89.		11
48	Control From the Cloud. , 2019, , 127-165.		1
49	Cloud-Based Control Systems: Basics and Beyond. Journal of Physics: Conference Series, 2019, 1334, 012006.	0.3	2
50	Policy Iteration Solution for Differential Games with Constrained Control Policies. , 2019, , .		4
51	Robust packet-based nonlinear fuzzy networked control systems. Journal of the Franklin Institute, 2019, 356, 1502-1521.	1.9	7
52	Architecture for Cloud-Based Industrial Automation. Advances in Intelligent Systems and Computing, 2019, , 51-62.	0.5	8
53	Networked control approach for distributed generation systems. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 836-851.	8.5	7
54	LMI consensus condition for discrete-time multi-agent systems. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 509-513.	8.5	11

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55	Robust $(\mathcal{Q}, \mathcal{S}, \mathcal{R})$ - γ -dissipative sliding mode control for uncertain discrete-time descriptor systems with time-varying delay. IMA Journal of Mathematical Control and Information, 2018, 35, 735-756.	1.1	8
56	Adaptive critics based cooperative control scheme for islanded Microgrids. Neurocomputing, 2018, 272, 532-541.	3.5	13
57	Robust fuzzy stabilization of hybrid discrete delay T ∞ S systems. Journal of the Franklin Institute, 2018, 355, 625-652.	1.9	1
58	Action Dependent Dual Heuristic Programming Solution for the Dynamic Graphical Games. , 2018, , .		2
59	Improved stability analysis and control design of reset systems. IET Control Theory and Applications, 2018, 12, 2328-2336.	1.2	7
60	Couple-group consensus conditions for general first-order multiagent systems with communication delays. Systems and Control Letters, 2018, 117, 37-44.	1.3	30
61	Event-triggered fault detection filtering for discrete-time Markovian jump systems. Signal Processing, 2018, 152, 384-391.	2.1	25
62	Fundamental issues in networked control systems. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 902-922.	8.5	77
63	μ adaptive networked controller for islanded distributed generation systems in a microgrid. International Journal of Systems Science, 2018, 49, 2507-2524.	3.7	8
64	Continuous-time multi-model predictive control of variable-speed variable-pitch wind turbines. International Journal of Systems Science, 2018, 49, 2442-2453.	3.7	5
65	Adaptive intelligent techniques for microgrid control systems: A survey. International Journal of Electrical Power and Energy Systems, 2017, 90, 292-305.	3.3	110
66	The interaction between control and computing theories: New approaches. International Journal of Automation and Computing, 2017, 14, 254-274.	4.5	16
67	Dynamic feedback triggering fuzzy control for Takagi ∞ Sugeno discrete systems. Journal of the Franklin Institute, 2017, 354, 2295-2309.	1.9	1
68	Robust control design of wheeled inverted pendulum assistant robot. IEEE/CAA Journal of Automatica Sinica, 2017, 4, 628-638.	8.5	23
69	Asynchronous sampled-data approach for event-triggered systems. International Journal of Control, 2017, 90, 2508-2516.	1.2	3
70	Modeling and control design of differentially steered wheeled mobile robot. , 2017, , .		1
71	Time-Delay Systems: Modeling, Analysis, Estimation, Control, and Synchronization. Mathematical Problems in Engineering, 2017, 2017, 1-3.	0.6	8
72	Recent Progress in Stability and Stabilization of Systems with Time-Delays. Mathematical Problems in Engineering, 2017, 2017, 1-25.	0.6	10

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73	Event-based control of discrete two-time-scale systems. , 2017, , .		2
74	Distributed estimation based on informationâ€based covariance intersection algorithms. International Journal of Adaptive Control and Signal Processing, 2016, 30, 750-778.	2.3	13
75	Robust mobile control strategy of I-PENTAR assistant robot. , 2016, , .		0
76	Event triggered of microgrid control with communication and control optimization. Journal of the Franklin Institute, 2016, 353, 4114-4132.	1.9	14
77	Feedback fuzzy control for quantized networked systems with random delays. Applied Mathematics and Computation, 2016, 290, 80-97.	1.4	20
78	Approaches to remote control systems. , 2016, , .		2
79	Online policy iteration solution for dynamic graphical games. , 2016, , .		6
80	Networked control of microgrid system of systems. International Journal of Systems Science, 2016, 47, 2607-2619.	3.7	8
81	Networked Control Systems Analysis and Design: An Overview. Arabian Journal for Science and Engineering, 2016, 41, 711-758.	1.1	37
82	A Generalized Approach to Stabilization of Interconnected Fuzzy Systems. International Journal of Fuzzy Systems, 2016, 18, 773-783.	2.3	6
83	Evaluation of novel selfâ€triggering method for optimisation of communication and control. IET Control Theory and Applications, 2016, 10, 76-83.	1.2	7
84	Event-triggered output feedback control for distributed networked systems. ISA Transactions, 2016, 60, 294-302.	3.1	48
85	Two-level design for aperiodic networked control systems. Signal Processing, 2016, 120, 43-55.	2.1	2
86	Enhanced distributed estimation based on prior information. IET Signal Processing, 2015, 9, 60-72.	0.9	5
87	Adaptive PI secondary control for smart autonomous microgrid systems. International Journal of Adaptive Control and Signal Processing, 2015, 29, 1442-1458.	2.3	15
88	Control Methods for Microgrids. Power Systems, 2015, , 89-157.	0.3	0
89	Networked feedback control for systems with quantization and non-stationary random delays. IMA Journal of Mathematical Control and Information, 2015, 32, 119-140.	1.1	6
90	Networked Control of Microgrid System of Systems. Power Systems, 2015, , 251-308.	0.3	0

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91	Intelligent approach to uncertain networked control systems with random packet losses. , 2015, , .		1
92	Dynamic output feedback of networked control systems with partially known Markov chain packet dropouts. Optimal Control Applications and Methods, 2015, 36, 29-44.	1.3	9
93	Using OPC technology to support the study of advanced process control. ISA Transactions, 2015, 55, 155-167.	3.1	36
94	Discrete-time dynamic graphical games: model-free reinforcement learning solution. Control Theory and Technology, 2015, 13, 55-69.	1.0	55
95	Leader-following discrete consensus control of multi-agent systems with fixed and switching topologies. Journal of the Franklin Institute, 2015, 352, 2504-2525.	1.9	23
96	Fuzzy networked control systems with communication constraints. IMA Journal of Mathematical Control and Information, 2015, , dnv058.	1.1	1
97	Remote optimal state estimation over communication channels with random delays. IMA Journal of Mathematical Control and Information, 2015, 32, 387-404.	1.1	2
98	Review of microgrid architectures â€“ a system of systems perspective. IET Renewable Power Generation, 2015, 9, 1064-1078.	1.7	93
99	Improved delay-dependent exponential stability criteria for neutral-delay systems with nonlinear uncertainties. Applied Mathematical Modelling, 2015, 39, 3164-3174.	2.2	18
100	filtering for switched discreteâ€“time systems under asynchronous switching: A dwellâ€“time dependent Lyapunov functional method. International Journal of Adaptive Control and Signal Processing, 2015, 29, 971-990.	2.3	24
101	Robust H ² reliable control for uncertain switched neutral systems with distributed delays. IMA Journal of Mathematical Control and Information, 2015, 32, 1-19.	1.1	12
102	Aperiodic triggering mechanisms for networked control systems. Information Sciences, 2015, 296, 282-306.	4.0	45
103	Dynamic feedback control over unreliable communication channels. IMA Journal of Mathematical Control and Information, 2014, 31, 195-216.	1.1	9
104	Differential graphical games: Policy iteration solutions and coupled Riccati formulation. , 2014, , .		8
105	H ₂ and H _∞ control of discrete systems with time scales. , 2014, , .		0
106	LQG control design over lossy communication links. International Journal of Systems Science, 2014, 45, 2309-2326.	3.7	7
107	Model-free adaptive learning solutions for discrete-time dynamic graphical games. , 2014, , .		7
108	Modeling and control of microgrid: An overview. Journal of the Franklin Institute, 2014, 351, 2822-2859.	1.9	216

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109	Dissipativity analysis for discrete stochastic neural networks with Markovian delays and partially known transition matrix. Applied Mathematics and Computation, 2014, 228, 292-310.	1.4	26
110	Experimental Investigations for Distributed Networked Control Systems. IEEE Systems Journal, 2014, 8, 717-725.	2.9	29
111	Networked feedback control for nonlinear systems with random varying delays. Journal of the Franklin Institute, 2014, 351, 3145-3162.	1.9	10
112	Robust decentralized guaranteed-cost control for interconnected power systems. , 2014, , .		0
113	Model prediction-based approach to fault-tolerant control with applications. IMA Journal of Mathematical Control and Information, 2014, 31, 217-244.	1.1	13
114	Robust mixed H_2/H_∞ control of networked control systems with random delays and partially known transition matrix. Journal of the Franklin Institute, 2014, 351, 5548-5564.	1.9	6
115	Distributed estimation for adaptive sensor selection in wireless sensor networks. International Journal of General Systems, 2014, 43, 267-281.	1.2	2
116	Observer-based fault-tolerant control for a class of nonlinear networked control systems. International Journal of Control, 2014, 87, 1707-1715.	1.2	45
117	Two-level control for improving the performance of MicroGrid in islanded mode. , 2014, , .		6
118	Quantized filter design of interconnected continuous-time delay systems. Optimal Control Applications and Methods, 2014, 35, 41-60.	1.3	5
119	Wireless networked control system design: An overview. , 2014, , .		9
120	Networked event-triggered control: an introduction and research trends. International Journal of General Systems, 2014, 43, 810-827.	1.2	37
121	Output feedback event-based stabilisation over networks with varying transmission delays. International Journal of Systems, Control and Communications, 2014, 6, 97.	0.2	0
122	Data-driven fault detection filter design for time-delay systems. International Journal of Automation and Control, 2014, 8, 1.	0.3	1
123	A Novel Feedback Control Approach for Networked Systems with Probabilistic Delays. , 2014, , 355-370.		1
124	System Identification and Control Design of Vapor Compression Cycle Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, 051003.	0.9	1
125	Event-Based Stabilization. , 2014, , 337-383.		0
126	Estimation via Network Environment. , 2014, , 303-335.		0

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127	Robust control design of autonomous bicycle kinematics. Numerical Algebra, Control and Optimization, 2014, 4, 181-191.	1.0	1
128	Control Over Lossy Communication Channel. , 2014, , 127-228.		0
129	Nonstationary Packet Dropouts. , 2014, , 39-125.		0
130	Robust estimation of interconnected systems subject to sensor nonlinearities. Optimal Control Applications and Methods, 2013, 34, 656-669.	1.3	1
131	Expectation maximization approach to data-based fault diagnostics. Information Sciences, 2013, 235, 80-96.	4.0	18
132	Stabilization of Interconnected Discrete Systems with Quantization and Overflow Nonlinearities. Circuits, Systems, and Signal Processing, 2013, 32, 905-917.	1.2	13
133	Optimal state estimation over communication channels with random delays. Journal of the Franklin Institute, 2013, 350, 598-616.	1.9	2
134	Improved distributed estimation method for environmental physical variables in static sensor networks. IET Wireless Sensor Systems, 2013, 3, 216-232.	1.3	5
135	Dissipativity analysis and design for uncertain Markovian jump systems with time-varying delays. Applied Mathematics and Computation, 2013, 219, 9681-9695.	1.4	27
136	Robust cooperative control for a group of mobile robots with quantized information exchange. Journal of the Franklin Institute, 2013, 350, 2291-2321.	1.9	17
137	Resilient decentralized stabilization of interconnected networked systems. , 2013, , .		0
138	Stability and H^∞ Performance Analysis of Switched Stochastic Neutral Systems. Circuits, Systems, and Signal Processing, 2013, 32, 387-400.	1.2	13
139	Resilient decentralized filtering of interconnected discrete-time systems. Journal of the Franklin Institute, 2013, 350, 1139-1154.	1.9	6
140	Decentralized H^∞ controller design for a multi-zone space heating system. Journal of the Franklin Institute, 2013, 350, 3064-3081.	1.9	1
141	Resilient static output feedback power system stabiliser using PSO-LMI optimisation. International Journal of Systems, Control and Communications, 2013, 5, 74.	0.2	10
142	Robust H^∞ filtering for discrete-time switched time-delay systems with missing measurements and asynchronous switching. Transactions of the Institute of Measurement and Control, 2013, 35, 200-211.	1.1	10
143	Distributed Kalman filtering: a bibliographic review. IET Control Theory and Applications, 2013, 7, 483-501.	1.2	150
144	New results for feedback control of discrete systems with time scales. , 2013, , .		0

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145	Estimator design for networked control systems with nonstationary packet dropouts. IMA Journal of Mathematical Control and Information, 2013, 30, 395-405.	1.1	6
146	Multi-controller approach to uncertain discrete-time-delay systems. International Journal of Systems, Control and Communications, 2013, 5, 328.	0.2	2
147	Network-based strategies for signalised traffic intersections. International Journal of Systems, Control and Communications, 2013, 5, 15.	0.2	2
148	An assessment of distributed state estimation. International Journal of Systems, Control and Communications, 2013, 5, 93.	0.2	1
149	New results on networked control systems with non-stationary packet dropouts. IET Control Theory and Applications, 2012, 6, 2442-2452.	1.2	33
150	Improved networked-control systems approach with communication constraint. IMA Journal of Mathematical Control and Information, 2012, 29, 215-233.	1.1	15
151	Unknown-input estimator-based controller design of electric power-assisted steering system. IET Control Theory and Applications, 2012, 6, 2485-2492.	1.2	4
152	Improved resilient feedback stabilisation method for uncertain systems. IET Control Theory and Applications, 2012, 6, 1654.	1.2	5
153	Control of linear discrete-time systems by quantised feedback. IET Control Theory and Applications, 2012, 6, 2095-2102.	1.2	7
154	H_∞ filtering for nonlinear singular Markovian jumping systems with interval time-varying delays. International Journal of Systems Science, 2012, 43, 272-284.	3.7	45
155	A regular H_∞ filter for uncertain discrete-time singular systems with time-varying delays. IMA Journal of Mathematical Control and Information, 2012, 29, 309-328.	1.1	1
156	Extended state estimator design method for neutral-type neural networks with time-varying delays. International Journal of Systems, Control and Communications, 2012, 4, 1.	0.2	4
157	Digital Control of a Reverse Osmosis Plant. , 2012, , .		0
158	A Comparison of Identification Methods of a Hydraulic Pumping System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 662-667.	0.4	4
159	Model identification and analysis of small-power wind turbines. International Journal of Modelling, Identification and Control, 2012, 17, 19.	0.2	6
160	Robust Quantized Approach to Fuzzy Networked Control Systems. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2012, 2, 71-81.	2.7	28
161	Output-feedback quantised control of decentralised systems. IET Control Theory and Applications, 2012, 6, 2031-2040.	1.2	17
162	Improved digital controller design for Robinson nuclear plant. IET Control Theory and Applications, 2012, 6, 1229.	1.2	0

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163	Robust H_∞ Filtering for Switched Time-Delay Systems with Missing Measurements. Circuits, Systems, and Signal Processing, 2012, 31, 1677-1697.	1.2	11
164	New results for global exponential stability of neural networks with varying delays. Neurocomputing, 2012, 97, 357-363.	3.5	15
165	Signalized traffic intersections control with uncertainties over lossy networks. , 2012, , .		1
166	Robust filter design for linear systems with parametric uncertainties via unreliable transmission channels. , 2012, , .		0
167	Author's reply to comments on "Decentralized stabilization of interconnected systems with time-varying delays". IEEE Transactions on Automatic Control, 2012, 57, 811-811.	3.6	1
168	Global stability results of discrete recurrent neural networks with interval delays. IMA Journal of Mathematical Control and Information, 2012, 29, 199-213.	1.1	4
169	Gain Scheduled Filtering Design for Parameter Varying System. International Journal of System Dynamics Applications, 2012, 1, 80-95.	0.3	0
170	Interconnected jumping time-delay systems: Mode-dependent decentralized stability and stabilization. International Journal of Robust and Nonlinear Control, 2012, 22, 808-826.	2.1	19
171	A generalized approach to stabilization of linear interconnected time-delay systems. Asian Journal of Control, 2012, 14, 1539-1552.	1.9	13
172	New Predictive Control Scheme for Networked Control Systems. Circuits, Systems, and Signal Processing, 2012, 31, 945-960.	1.2	24
173	Robust finite-time H_∞ control for a class of uncertain switched neutral systems. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 1766-1778.	1.7	138
174	State estimation with asynchronous multi-rate multi-smart sensors. Information Sciences, 2012, 196, 15-27.	4.0	67
175	Decentralized sliding-mode output-feedback control of interconnected discrete-delay systems. Automatica, 2012, 48, 808-814.	3.0	39
176	Reliable decentralized control of interconnected discrete delay systems. Automatica, 2012, 48, 986-990.	3.0	22
177	Asynchronous H_∞ filtering of discrete-time switched systems. Signal Processing, 2012, 92, 2356-2364.	2.1	59
178	Improved digital tracking controller design for pilot-scale unmanned helicopter. Journal of the Franklin Institute, 2012, 349, 42-58.	1.9	15
179	Finite-time analysis and H_∞ control for switched stochastic systems. Journal of the Franklin Institute, 2012, 349, 915-927.	1.9	79
180	Robust H_∞ filtering for switched stochastic systems under asynchronous switching. Journal of the Franklin Institute, 2012, 349, 1213-1230.	1.9	47

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181	Improved approach for passive stability of discrete-time Markovian jump linear systems via mode-dependent time-delayed controllers. <i>Optimal Control Applications and Methods</i> , 2012, 33, 143-156.	1.3	6
182	Decentralized State-Estimation of Interconnected Systems with Unknown Nonlinearities. <i>Journal of Optimization Theory and Applications</i> , 2012, 152, 786-798.	0.8	5
183	Stability of Discrete Recurrent Neural Networks with Interval Delays. <i>International Journal of System Dynamics Applications</i> , 2012, 1, 1-14.	0.3	12
184	H<sub>2</sub> Control of Uncertain Fuzzy Networked Control Systems with State Quantization. <i>Intelligent Control and Automation</i> , 2012, 03, 59-70.	1.0	13
185	Control design of linear systems with saturating actuators: A survey. <i>Numerical Algebra, Control and Optimization</i> , 2012, 2, 413-435.	1.0	2
186	Decentralized Control of Markovian Jump Systems. , 2011, , 365-432.		0
187	Stabilising nonlinear systems with time-varying delays by new parametrised method. <i>International Journal of Systems, Control and Communications</i> , 2011, 3, 104.	0.2	0
188	A robust H<sub>2</sub> filtering approach for singular systems. <i>International Journal of Systems, Control and Communications</i> , 2011, 3, 390.	0.2	4
189	Peak-to-peak gain minimisation of uncertain discrete-time systems with variable delays. <i>International Journal of Systems, Control and Communications</i> , 2011, 3, 456.	0.2	0
190	New results on stability and stabilisation of systems with interval time-varying delay. <i>IET Control Theory and Applications</i> , 2011, 5, 429-436.	1.2	25
191	Quantised feedback stabilisation of interconnected discrete-delay systems. <i>IET Control Theory and Applications</i> , 2011, 5, 795-802.	1.2	24
192	Feedback control methods for router management. <i>IET Control Theory and Applications</i> , 2011, 5, 1509-1522.	1.2	7
193	Design of control strategies for robust dynamic routing in traffic networks. <i>IET Control Theory and Applications</i> , 2011, 5, 1716-1728.	1.2	2
194	Robust control of blood gases during extracorporeal circulation. <i>IET Control Theory and Applications</i> , 2011, 5, 1577-1585.	1.2	7
195	A Generalized \mathcal{H}_2 Filtering of Uncertain Discrete-Time Singular Systems with Time-Varying Delays. <i>Circuits, Systems, and Signal Processing</i> , 2011, 30, 107-123.	1.2	6
196	Improved exponential stability analysis for delayed recurrent neural networks. <i>Journal of the Franklin Institute</i> , 2011, 348, 201-211.	1.9	45
197	Delay-dependent dissipativity analysis and synthesis of switched delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2011, 21, 1-20.	2.1	41
198	Resilient decentralized stabilization of interconnected time-delay systems with polytopic uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2011, 21, 355-372.	2.1	21

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199	Switched state feedback for uncertain continuous-time systems with interval delays. International Journal of Robust and Nonlinear Control, 2011, 21, 1046-1056.	2.1	7
200	New filter design for linear time-delay systems. Linear Algebra and Its Applications, 2011, 434, 1080-1093.	0.4	10
201	Guaranteed-cost reliable control with regional pole placement of a power system. Journal of the Franklin Institute, 2011, 348, 884-898.	1.9	48
202	Persistent bounded disturbance rejection for discrete-time delay systems. International Journal of Systems Science, 2011, 42, 921-930.	3.7	6
203	Interconnected switched discrete-time systems: robust stability and stabilization. IMA Journal of Mathematical Control and Information, 2011, 28, 41-73.	1.1	11
204	Robust passive filter design for uncertain singular stochastic Markov jump systems with mode-dependent time delays. , 2011, , .		4
205	Decentralized Systems with Design Constraints. , 2011, , .		59
206	Decentralized Control of Nonlinear Systems I. , 2011, , 11-94.		0
207	Quantized feedback stabilization of interconnected continuous time-delay systems. IMA Journal of Mathematical Control and Information, 2011, 28, 1-17.	1.1	17
208	Decentralized Quantized Control. , 2011, , 227-301.		0
209	Decentralized Systems with Multi-controllers. , 2011, , 183-225.		0
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