Yugang Niu

List of Publications by Year
in descending order

183	5,996	66343	85541
papers	citations	42 h-index	71 g-index

184	184	184	2585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic-Algorithm-Assisted Self-Scheduled Multidelay PIR Control: Experiments in a Car-Like Vehicle System. IEEE Transactions on Cybernetics, 2024, 54, 39-49.	9.5	2
2	Asynchronous Boundary Control of Markov Jump Neural Networks With Diffusion Terms. IEEE Transactions on Cybernetics, 2023, 53, 4962-4971.	9.5	11
3	Sliding-Mode Control for Interval Type-2 Fuzzy Systems: Event-Triggering WTOD Scheme. IEEE Transactions on Cybernetics, 2023, 53, 3771-3781.	9.5	20
4	Model-Based Event-Triggered Sliding-Mode Control for Multi-Input Systems: Performance Analysis and Optimization. IEEE Transactions on Cybernetics, 2022, 52, 3902-3913.	9.5	24
5	GA-Assisted Sliding Mode Control of Fuzzy Systems via Improved Delayed Output Feedback. IEEE Transactions on Fuzzy Systems, 2022, 30, 850-862.	9.8	5
6	Sliding Mode Control for Uncertain 2D Systems Under Stochastic Communication Protocol: The Roesser Model Case. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1228-1232.	3.0	6
7	Self-Triggered Sliding Mode Control for Networked PMSM Speed Regulation System: A PSO-Optimized Super-Twisting Algorithm. IEEE Transactions on Industrial Electronics, 2022, 69, 763-773.	7.9	44
8	Finite-Time Consensus for Singularity-Perturbed Multiagent System via Memory Output Sliding-Mode Control. IEEE Transactions on Cybernetics, 2022, 52, 8692-8702.	9.5	20
9	Input-to-State Stabilization of Stochastic Markovian Jump Systems Under Communication Constraints: Genetic Algorithm-Based Performance Optimization. IEEE Transactions on Cybernetics, 2022, 52, 10379-10392.	9.5	23
10	Dynamic eventâ€triggered sliding mode security control for Markovian jump systems: Learningâ€based iteration optimization method. International Journal of Robust and Nonlinear Control, 2022, 32, 2500-2517.	3.7	14
11	Dynamic learning control design for interval typeâ€2 fuzzy singularly perturbed systems: A componentâ€based eventâ€triggering protocol. International Journal of Robust and Nonlinear Control, 2022, 32, 2518-2535.	3.7	30
12	Event-triggered sliding mode control for multi-agent systems subject to channel fading. International Journal of Systems Science, 2022, 53, 1233-1244.	5.5	63
13	Non-fragile finite-time sliding mode control for Markovian jump systems with randomly occurring uncertainties and controller gain variations. Journal of the Franklin Institute, 2022, 359, 1257-1273.	3.4	3
14	Sliding mode switched control for Markovian jumping systems subject to intermittent DoS attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 1545-1560.	3.7	12
15	Asynchronous Boundary Stabilization of Stochastic Markov Jump Reaction-Diffusion Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5668-5678.	9.3	5
16	Sliding Mode Reliable Control Under Redundant Channel: A Novel Censored Analog Fading Measurement. IEEE Transactions on Control of Network Systems, 2022, 9, 1409-1420.	3.7	2
17	Sliding Mode Control for Networked Interval Type-2 Fuzzy Systems via Random Multiaccess Protocols. IEEE Transactions on Fuzzy Systems, 2022, 30, 5005-5018.	9.8	11
18	Periodic Event-Triggered Terminal Sliding Mode Speed Control for Networked PMSM System: A GA-Optimized Extended State Observer Approach. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4153-4164.	5.8	55

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19	Sliding mode control of uncertain FMII 2D systems under directional eventâ€triggered schemes. International Journal of Robust and Nonlinear Control, 2022, 32, 5226-5246.	3.7	4
20	Co-design of transition rates and sliding mode switched controller for Markovian jumping systems under intermittent DoS attacks. Journal of the Franklin Institute, 2022, 359, 3549-3574.	3.4	4
21	Sliding mode control of interval type-2 T-S fuzzy systems with redundant channels. Nonlinear Dynamics, 2022, 108, 3579-3593.	5.2	1
22	Local-boundary-information-dependent control design for interval type-2 fuzzy systems under self-triggered scheme. Information Sciences, 2022, 596, 137-152.	6.9	7
23	Limited Coding-Length-Based Sliding-Mode Control With Adaptive Quantizerâ€™s Parameter. IEEE Transactions on Automatic Control, 2022, 67, 4738-4745.	5.7	8
24	Dynamic Event-Triggered Terminal Sliding Mode Control Under Binary Encoding: Analysis and Experimental Validation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3772-3782.	5.4	17
25	Sliding mode control for multiâ€agent systems under stochastic communication protocol. International Journal of Robust and Nonlinear Control, 2022, 32, 7522-7535.	3.7	10
26	Sliding Mode Control of Interval Type-2 Fuzzy Systems Under Round-Robin Scheduling Protocol. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7602-7612.	9.3	22
27	Sliding Mode Control of Markovian Jump Fuzzy Systems: A Dynamic Event-Triggered Method. IEEE Transactions on Fuzzy Systems, 2021, 29, 2902-2915.	9.8	61
28	Genetic-Algorithm-Assisted Sliding-Mode Control for Networked State-Saturated Systems Over Hidden Markov Fading Channels. IEEE Transactions on Cybernetics, 2021, 51, 3664-3675.	9.5	51
29	Dynamic Event-Triggered Control for Interval Type-2 Fuzzy Systems Under Fading Channel. IEEE Transactions on Cybernetics, 2021, 51, 5342-5351.	9.5	46
30	Event-Triggered Sliding Mode Control of Fuzzy Systems via Artificial Time-Delay Estimation. IEEE Transactions on Fuzzy Systems, 2021, 29, 2467-2478.	9.8	16
31	A Hybrid Sliding Mode Control Scheme of Markovian Jump Systems via Transition Rates Optimal Design. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7752-7763.	9.3	40
32	Co-Design of 2-D Event Generator and Sliding Mode Controller for 2-D Roesser Model via Genetic Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 4581-4590.	9.5	45
33	Security Sliding Mode Control of Interval Type-2 Fuzzy Systems Subject to Cyber Attacks: The Stochastic Communication Protocol Case. IEEE Transactions on Fuzzy Systems, 2021, 29, 240-251.	9.8	47
34	Dynamic event-triggered sliding mode control for interval Type-2 fuzzy systems with fading channels. ISA Transactions, 2021, 110, 53-62.	5.7	45
35	Finiteâ€time boundedness of sliding mode control under periodic eventâ€triggered strategy. International Journal of Robust and Nonlinear Control, 2021, 31, 623-639.	3.7	28
36	Secure sliding mode control of interval typeâ€2 fuzzy systems against intermittent denialâ€ofâ€service attacks. International Journal of Robust and Nonlinear Control, 2021, 31, 1866-1884.	3.7	15

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37	Outputâ€feedbackâ€based sliding mode control for networked control systems subject to packet loss and quantization. Asian Journal of Control, 2021, 23, 289-297.	3.0	22
38	Finite-time boundedness of uncertain Hamiltonian systems via sliding mode control approach. Nonlinear Dynamics, 2021, 104, 497-507.	5.2	19
39	Outputâ€feedback Lyapunov redesign of uncertain systems with delayed measurements. International Journal of Robust and Nonlinear Control, 2021, 31, 3747-3766.	3.7	1
40	Parameter-dependent sliding mode control for Markovian jump systems within finite-time interval: handling randomly occurring actuator faults. International Journal of Systems Science, 2021, 52, 2988-3000.	5.5	6
41	Quantized sliding mode control under hidden Markov digital block-fading channels. Journal of the Franklin Institute, 2021, 358, 5862-5882.	3.4	4
42	Output-Feedback Control Under Hidden Markov Analog Fading and Redundant Channels. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2922-2926.	3.0	11
43	Sliding mode control design under multiple nodes round-robin-like protocol and packet length-dependent lossy network. Automatica, 2021, 134, 109942.	5.0	30
44	Fuzzy Sliding Mode Control under Randomly Occurring Gain Fluctuations: A Component-Based Event-Triggered Approach. , 2021, , .		0
45	Sliding mode control for Markovian jump systems under deception attacks. , 2021, , .		1
46	Local Sliding Mode Control Design for T-S Fuzzy Systems with Magnitude and Rate Limited Input. , 2021, , .		0
47	Biâ€level scheduling of largeâ€scale electric vehicles based on the generation side and the distribution side. International Transactions on Electrical Energy Systems, 2021, 31, .	1.9	2
48	Finite-time sliding mode control of switched systems with one-sided Lipschitz nonlinearity. Journal of the Franklin Institute, 2020, 357, 11171-11188.	3.4	31
49	Input-to-State Stabilization of Interval Type-2 Fuzzy Systems Subject to Cyberattacks: An Observer-Based Adaptive Sliding Mode Approach. IEEE Transactions on Fuzzy Systems, 2020, 28, 190-203.	9.8	91
50	An Event-Triggered Approach to Sliding Mode Control of Markovian Jump Lurâ€™e Systems Under Hidden Mode Detections. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1514-1525.	9.3	71
51	Sliding-Mode Control of Tâ€“S Fuzzy Systems Under Weighted Try-Once-Discard Protocol. IEEE Transactions on Cybernetics, 2020, 50, 4972-4982.	9.5	38
52	Security control of cyber-physical switched systems under Round-Robin protocol: Input-to-state stability in probability. Information Sciences, 2020, 508, 121-134.	6.9	50
53	Finite-Time Sliding-Mode Control of Markovian Jump Cyber-Physical Systems Against Randomly Occurring Injection Attacks. IEEE Transactions on Automatic Control, 2020, 65, 1264-1271.	5.7	189
54	Dynamic Event-Triggered Sliding Mode Control: Dealing With Slow Sampling Singularly Perturbed Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1079-1083.	3.0	82

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55	Sliding mode control of automotive electronic valve system under weighted try-once-discard protocol. Information Sciences, 2020, 515, 324-340.	6.9	27
56	Sliding mode control of discreteâ€time switched systems subject to mode delays. International Journal of Robust and Nonlinear Control, 2020, 30, 1467-1486.	3.7	13
57	Self-triggered sliding mode control for Digital Fly-by-Wire aircraft system. Journal of the Franklin Institute, 2020, 357, 10492-10512.	3.4	5
58	An Energy Efficient Clustering Algorithm Based on Annulus Division Applied in Wireless Sensor Networks. Wireless Personal Communications, 2020, 115, 2229-2241.	2.7	9
59	Consensus tracking for multi-agent systems subject to channel fading: a sliding mode control method. International Journal of Systems Science, 2020, 51, 2703-2711.	5.5	24
60	ADP-Based Security Decentralized Sliding Mode Control for Partially Unknown Large-Scale Systems Under Injection Attacks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5290-5301.	5.4	48
61	Fixedâ€time adaptive fuzzy control for uncertain nonâ€linear systems under eventâ€triggered strategy. IET Control Theory and Applications, 2020, 14, 1845-1854.	2.1	14
62	Observerâ€based sliding mode control for stateâ€saturated systems under weighted tryâ€onceâ€discard protocol. International Journal of Robust and Nonlinear Control, 2020, 30, 7991-8006.	3.7	13
63	Dynamic output feedback sliding mode control for Markovian jump systems under stochastic communication protocol and its application. International Journal of Robust and Nonlinear Control, 2020, 30, 7307-7325.	3.7	37
64	Sliding Mode Control for Interval Type-2 Fuzzy System Under Fading Channels. , 2020, , .		1
65	Memory Output-Feedback Integral Sliding Mode Control for Furuta Pendulum Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2042-2052.	5.4	16
66	Event-triggered adaptive neural backstepping control for nonstrict-feedback nonlinear time-delay systems. Journal of the Franklin Institute, 2020, 357, 4624-4644.	3.4	33
67	Static Sliding Mode Control of Systems With Arbitrary Relative Degree by Using Artificial Delay. IEEE Transactions on Automatic Control, 2020, 65, 5464-5471.	5.7	34
68	Finite-time stochastic boundedness of Markovian jump systems: A sliding-mode-based hybrid design method. Nonlinear Analysis: Hybrid Systems, 2020, 36, 100862.	3.5	10
69	<scp>Timeâ€“space</scp> coupled learning method for model reduction of distributed parameter systems with <scp>encoderâ€decoder</scp> and <scp>RNN</scp>. AICHE Journal, 2020, 66, e16251.	3.6	13
70	Asynchronous sliding mode control of singularly perturbed semi-Markovian jump systems: Application to an operational amplifier circuit. Automatica, 2020, 118, 109026.	5.0	80
71	Adaptive nonâ€singular fast terminal sliding mode control for multiâ€agent systems with unknown nonâ€linear dynamics. IET Control Theory and Applications, 2020, 14, 2223-2232.	2.1	17
72	Finite-time Sliding Mode Control Under Dynamic Event-triggered Scheme. IFAC-PapersOnLine, 2020, 53, 5069-5074.	0.9	0

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73	Static output feedback sliding mode control under rice fading channel: an interval typeâ€2 fuzzy modelling method. IET Control Theory and Applications, 2020, 14, 3230-3239.	2.1	3
74	Adaptive fuzzy faultâ€tolerant control for nonâ€linear systems under actuator and sensor faults: the practical fixedâ€time stability. IET Control Theory and Applications, 2020, 14, 3291-3300.	2.1	10
75	Finite-time Boundedness of T-S Fuzzy Systems Subject to Injection Attacks: A Sliding Mode Control Method. IFAC-PapersOnLine, 2020, 53, 5075-5080.	0.9	3
76	Guaranteed cost sliding mode control of Markovian jump Lur'e systems under Roundâ€Robin protocol. IET Control Theory and Applications, 2020, 14, 2784-2794.	2.1	2
77	Delay-dependent output feedback integral sliding mode control of singularly perturbed systems. , 2020, , .		0
78	On H_infty Sliding Mode Control Under Stochastic Communication Protocol. IEEE Transactions on Automatic Control, 2019, 64, 2174-2181.	5.7	73
79	Reliable Sliding Mode Control of Fast Sampling Singularly Perturbed Systems: A Redundant Channel Transmission Protocol Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4490-4501.	5.4	40
80	Multiâ€time hierarchical stochastic predictive control for energy management of an island microgrid with plugâ€in electric vehicles. IET Generation, Transmission and Distribution, 2019, 13, 1794-1801.	2.5	27
81	Adaptive sliding mode control for Markov jump system against false data injection attack. , 2019, , .		1
82	Event-triggered sliding mode control of uncertain switched systems under denial-of-service attacks. Journal of the Franklin Institute, 2019, 356, 11414-11433.	3.4	67
83	Disturbance-observer-based LQR control of singularly perturbed systems via recursive decoupling methods. International Journal of Systems Science, 2019, 50, 764-776.	5.5	6
84	An Optimized Channel Selection Method Based on Multifrequency CSP-Rank for Motor Imagery-Based BCI System. Computational Intelligence and Neuroscience, 2019, 2019, 1-10.	1.7	50
85	Adaptive Neural Sliding Mode Control for Singular Semi-Markovian Jump Systems Against Actuator Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-11.	9.3	52
86	Security control for Markov jump system with adversarial attacks and unknown transition rates via adaptive sliding mode technique. Journal of the Franklin Institute, 2019, 356, 3333-3352.	3.4	26
87	Sliding mode control subject to rice channel fading. IET Control Theory and Applications, 2019, 13, 2529-2537.	2.1	30
88	Multi-agent system finite-time consensus control in the presence of disturbance and input saturation by using of adaptive terminal sliding mode method. Cogent Engineering, 2019, 6, .	2.2	6
89	Sliding Mode Control for Networked Control System Under Fading Channels. , 2019, , .		1
90	Event-triggered distributed predictive control for asynchronous coordination of multi-agent systems. Automatica, 2019, 99, 92-98.	5.0	85

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91	Finite frequency H_{â^ž} control of singularly perturbed Eulerâ€Lagrange systems: An artificial delay approach. International Journal of Robust and Nonlinear Control, 2019, 29, 353-374.	3.7	17
92	A Hybrid Design Approach for Output Feedback Exponential Stabilization of Markovian Jump Systems. IEEE Transactions on Automatic Control, 2018, 63, 1404-1417.	5.7	73
93	Finite-time output feedback control of uncertain switched systems via sliding mode design. International Journal of Systems Science, 2018, 49, 984-996.	5.5	17
94	A Parameter-Dependent Sliding Mode Approach for Finite-Time Bounded Control of Uncertain Stochastic Systems With Randomly Varying Actuator Faults and Its Application to a Parallel Active Suspension System. IEEE Transactions on Industrial Electronics, 2018, 65, 8124-8132.	7.9	45
95	Asynchronous sliding mode control of Markovian jump systems with time-varying delays and partly accessible mode detection probabilities. Automatica, 2018, 93, 33-41.	5.0	163
96	An energy-efficient overlapping clustering protocol in WSNs. Wireless Networks, 2018, 24, 1775-1791.	3.0	15
97	Fuzzy Remote Tracking Control for Randomly Varying Local Nonlinear Models Under Fading and Missing Measurements. IEEE Transactions on Fuzzy Systems, 2018, 26, 1125-1137.	9.8	69
98	Quantized Hâˆž filtering for discrete-time systems over fading channels. Transactions of the Institute of Measurement and Control, 2018, 40, 3115-3124.	1.7	2
99	Sliding mode control for uncertain switched systems subject to state and input delays. Transactions of the Institute of Measurement and Control, 2018, 40, 3232-3238.	1.7	5
100	Guaranteed Cost Sliding Mode Control of Switched Systems with Known Sojourn Probabilities. International Journal of Control, Automation and Systems, 2018, 16, 2822-2831.	2.7	3
101	Finite-time Sliding Mode Control of Markovian Jump Systems Subject to Actuator Faults. International Journal of Control, Automation and Systems, 2018, 16, 2282-2289.	2.7	26
102	Static outputâ€feedback sliding mode control under roundâ€robin protocol. International Journal of Robust and Nonlinear Control, 2018, 28, 5841-5857.	3.7	44
103	Adaptive sliding mode control for interval type-2 stochastic fuzzy systems subject to actuator failures. International Journal of Systems Science, 2018, 49, 3169-3181.	5.5	12
104	Inputâ€“output finite-time stabilisation of Markovian jump systems with incomplete transition rates: a sliding mode method. International Journal of Systems Science, 2018, 49, 3182-3195.	5.5	3
105	Energy management strategy based on energy storage equalization technology and transferable load. International Transactions on Electrical Energy Systems, 2018, 28, e2599.	1.9	9
106	Finite-time sliding mode control of Markovian jump systems subject to actuator nonlinearities and its application to wheeled mobile manipulator. Journal of the Franklin Institute, 2018, 355, 7865-7894.	3.4	25
107	Finite-Time Stabilization via Sliding Mode Control. IEEE Transactions on Automatic Control, 2017, 62, 1478-1483.	5.7	204
108	Event-Driven Robust Output Feedback Control for Constrained Linear Systems via Model Predictive Control Method. Circuits, Systems, and Signal Processing, 2017, 36, 543-558.	2.0	7

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109	Mean square detectability of LTI systems over finite-state digital block-fading channels. International Journal of Control, Automation and Systems, 2017, 15, 498-505.	2.7	4
110	Asynchronous output feedback control of time-varying Markovian jump systems within a finite-time interval. Journal of the Franklin Institute, 2017, 354, 6747-6765.	3.4	58
111	Eventâ€triggered distributed predictive control for the cooperation of multiâ€agent systems. IET Control Theory and Applications, 2017, 11, 10-16.	2.1	41
112	Robust finite-time dissipative control subject to randomly occurring uncertainties and stochastic fading measurements. Journal of the Franklin Institute, 2017, 354, 3706-3723.	3.4	51
113	Congestion control and energyâ€balanced scheme based on the hierarchy for WSNs. IET Wireless Sensor Systems, 2017, 7, 1-8.	1.7	14
114	An Energy-Efficient Adaptive Overlapping Clustering Method for Dynamic Continuous Monitoring in WSNs. IEEE Sensors Journal, 2017, 17, 834-847.	4.7	44
115	Mixed time/event-triggered distributed predictive control over wired-wireless networks. Journal of the Franklin Institute, 2017, 354, 3724-3743.	3.4	12
116	Robust Hâˆž control for discrete switched systems with random sensor and actuator faults. International Journal of Control, Automation and Systems, 2017, 15, 2660-2668.	2.7	4
117	Finite-time boundedness of uncertain Markovian jump systems: A sliding mode approach. , 2017, , .		0
118	Event-triggered non-cooperative distributed predictive control for dynamically coupled large-scale systems. Cogent Engineering, 2017, 4, 1422227.	2.2	2
119	Finite-time â„“<inf>2</inf>â€“â„“<inf>âˆž</inf> control of Markovian jump linear systems with partly accessible hidden information via asynchronous output feedback. , 2017, , .		4
120	Hierarchical nested predictive control for energy management of multi-microgrids system. , 2017, , .		1
121	Finite time boundedness of switched delay systems by sliding mode technique. , 2017, , .		0
122	Robust tracking control of nonlinear singularly perturbed systems. , 2017, , .		1
123	Mean square detectability of multi-output networked systems over finite-state fading channels. , 2016, , .		0
124	Input-output finite-time stability and stabilization of stochastic fuzzy systems with randomly occurring uncertainties and gain fluctuations. , 2016, , .		0
125	An energy efficient clustering and relay node selection algorithm in wireless sensor networks. , 2016, , .		1
126	Dataâ€driven policy iteration algorithm for optimal control of continuousâ€time ItÃ´ stochastic systems with Markovian jumps. IET Control Theory and Applications, 2016, 10, 1431-1439.	2.1	29

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127	Robust fuzzy control for stochastic Markovian jumping systems via sliding mode method. International Journal of General Systems, 2016, 45, 604-618.	2.5	11
128	Event-triggered decentralized robust model predictive control for constrained large-scale interconnected systems. Cogent Engineering, 2016, 3, 1127309.	2.2	3
129	Finite-time sliding mode control synthesis under explicit output constraint. Automatica, 2016, 65, 111-114.	5.0	118
130	Robust principal component analysisâ€based coherency identification of generators with missing PMU measurements. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 36-42.	1.4	2
131	Inputâ€“output finite-time stabilisation of nonlinear stochastic system with missing measurements. International Journal of Systems Science, 2016, 47, 2985-2995.	5.5	11
132	Multirate Event-Triggered MPC for NCSs with Transmission Delays. Circuits, Systems, and Signal Processing, 2016, 35, 4249-4270.	2.0	14
133	Robust finiteâ€time bounded control for discreteâ€time stochastic systems with communication constraint. IET Control Theory and Applications, 2015, 9, 2015-2021.	2.1	28
134	Adaptive sliding mode reliable control for switched systems with actuator degradation. IET Control Theory and Applications, 2015, 9, 1197-1204.	2.1	59
135	Constrained predictive control synthesis for quantized systems with Markovian data loss. Automatica, 2015, 55, 217-225.	5.0	96
136	Reliable terminal sliding mode control for uncertain high-order MIMO systems with actuator faults. Cogent Engineering, 2015, 2, 1065586.	2.2	2
137	Analysis and control with randomly occurring incomplete information. International Journal of Systems Science, 2014, 45, 1333-1336.	5.5	4
138	Stabilization of LTI systems over finite-state fading channels. , 2014, , .		0
139	A blind double color image watermarking algorithm based on QR decomposition. Multimedia Tools and Applications, 2014, 72, 987-1009.	3.9	47
140	Non-fragile observer-based sliding mode control for a class of uncertain switched systems. Journal of the Franklin Institute, 2014, 351, 952-963.	3.4	40
141	Sliding mode control for uncertain switched systems subject to actuator nonlinearity. International Journal of Control, Automation and Systems, 2014, 12, 57-62.	2.7	13
142	Sliding mode control for T-S fuzzy stochastic systems with Markovian switching. , 2014, , .		0
143	Optimal integral sliding mode control for a class of uncertain discreteâ€time systems. Optimal Control Applications and Methods, 2014, 35, 468-478.	2.1	14
144	Sliding mode control for uncertain discrete-time systems with Markovian jumping parameters and mixed delays. Journal of the Franklin Institute, 2014, 351, 2185-2202.	3.4	50

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145	Sliding mode control for switched systems subject to successive packet dropout. International Journal of Systems Science, 2014, 45, 1337-1345.	5.5	4
146	Sliding mode control for stochastic Markovian jumping systems with incomplete transition rate. IET Control Theory and Applications, 2013, 7, 1330-1338.	2.1	49
147	Robust Explicit Solution of Multirate Predictive Control System with External Disturbances. Circuits, Systems, and Signal Processing, 2013, 32, 2503-2515.	2.0	2
148	Reliable Sliding-Mode Control for Markovian Jumping Systems Subject to Partial Actuator Degradation. Circuits, Systems, and Signal Processing, 2013, 32, 601-614.	2.0	8
149	Predictive Control of Constrained Linear Systems with Multiple Missing Measurements. Circuits, Systems, and Signal Processing, 2013, 32, 615-630.	2.0	18
150	Networked predictive control of constrained linear systems with input quantisation. International Journal of Systems Science, 2013, 44, 1970-1982.	5.5	25
151	Adaptive sliding mode control for stochastic Markovian jumping systems with actuator degradation. Automatica, 2013, 49, 1748-1754.	5.0	188
152	Reliable control of stochastic systems via sliding mode technique. Optimal Control Applications and Methods, 2013, 34, 712-727.	2.1	26
153	Probability-constrained analysis, filtering and control. International Journal of Systems Science, 2013, 44, 1189-1192.	5.5	1
154	Predictive control design subject to multiple missing measurements. , 2012, , .		2
155	Sliding mode control for networked systems with Markovian jumping parameters. , 2012, , .		0
156	Sliding mode control for Markovian jumping systems with actuator nonlinearities. International Journal of Systems Science, 2012, 43, 656-664.	5.5	15
157	H_{â€‰â^žâ€‰} sliding mode observer design for a class of nonlinear discrete timeâ€delay systems: A delayâ€fractioning approach. International Journal of Robust and Nonlinear Control, 2012, 22, 1806-1826.	3.7	64
158	Design of sliding mode control for neutral delay systems with perturbation in control channels. Optimal Control Applications and Methods, 2012, 33, 363-374.	2.1	14
159	Explicit MPC for multi-rate control systems. , 2011, , .		1
160	Sliding mode control for a class of nonlinear discrete-time networked systems with multiple stochastic communication delays. International Journal of Systems Science, 2011, 42, 661-672.	5.5	28
161	Hâ^žfiltering for uncertain stochastic systems subject to sensor nonlinearities. International Journal of Systems Science, 2011, 42, 737-749.	5.5	14
162	Output feedback control for stochastic Markovian jumping systems via sliding mode design. Optimal Control Applications and Methods, 2011, 32, 83-94.	2.1	17

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163	Modelling and analysis of UPnP AV media player system based on Petri nets. International Journal of Systems Science, 2011, 42, 1573-1580.	5.5	5
164	H âˆž control for networked systems with data packet dropout. International Journal of Control, Automation and Systems, 2010, 8, 198-203.	2.7	33
165	Observer-based H âˆž control for networked systems with consecutive packet delays and losses. International Journal of Control, Automation and Systems, 2010, 8, 769-775.	2.7	35
166	Robust sliding mode design for uncertain stochastic systems based on H_{âˆž} control method. Optimal Control Applications and Methods, 2010, 31, 93-104.	2.1	8
167	Robust Filtering Design for Stochastic System With Mode-Dependent Output Quantization. IEEE Transactions on Signal Processing, 2010, 58, 6410-6416.	5.3	91
168	Filtering For Discrete Fuzzy Stochastic Systems With Sensor Nonlinearities. IEEE Transactions on Fuzzy Systems, 2010, 18, 971-978.	9.8	89
169	Design of Sliding Mode Control Subject to Packet Losses. IEEE Transactions on Automatic Control, 2010, 55, 2623-2628.	5.7	148
170	Sliding mode control for a class of nonlinear It Ã´ stochastic systems with state and input delays. International Journal of Control, Automation and Systems, 2009, 7, 365-370.	2.7	8
171	Output-feedback control design for NCSs subject to quantization and dropout. Information Sciences, 2009, 179, 3804-3813.	6.9	157
172	Sliding mode control design for uncertain delay systems with partial actuator degradation. International Journal of Systems Science, 2009, 40, 403-409.	5.5	48
173	Reply to â€œComments on â€œAdaptive Neural Control for a Class of Nonlinearly Parametric Time-Delay Systemsâ€â€. IEEE Transactions on Neural Networks, 2008, 19, 1498-1498.	4.2	2
174	Robust H_{infty} Control for Nonlinear Stochastic Systems: A Sliding-Mode Approach. IEEE Transactions on Automatic Control, 2008, 53, 1695-1701.	5.7	89
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