Ligang Wu

List of Publications by Year
in descending order

315 papers	22,166 citations	5569 82 h-index	9579 142 g-index
322 all docs	322 docs citations	322 times ranked	7982 citing authors

#	ARTICLE	IF	CITATIONS
1	State Estimation and Sliding-Mode Control of Markovian Jump Singular Systems. IEEE Transactions on Automatic Control, 2010, 55, 1213-1219.	3.6	559
2	Sliding mode control with bounded $\mathcal{L}_2$ gain performance of Markovian jump singular time-delay systems. Automatica, 2012, 48, 1929-1933.	3.0	537
3	Observer-based adaptive sliding mode control for nonlinear Markovian jump systems. Automatica, 2016, 64, 133-142.	3.0	491
4	Event-triggered sliding mode control of stochastic systems via output feedback. Automatica, 2017, 82, 79-92.	3.0	455
5	Fault Detection Filtering for Nonlinear Switched Stochastic Systems. IEEE Transactions on Automatic Control, 2016, 61, 1310-1315.	3.6	450
6	A Novel Approach to Filter Design for T–S Fuzzy Discrete-Time Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2012, 20, 1114-1129.	6.5	436
7	Extended State Observer-Based Sliding-Mode Control for Three-Phase Power Converters. IEEE Transactions on Industrial Electronics, 2017, 64, 22-31.	5.2	426
8	State estimation and sliding mode control for semi-Markovian jump systems with mismatched uncertainties. Automatica, 2015, 51, 385-393.	3.0	411
9	A New Approach to Stability Analysis and Stabilization of Discrete-Time T-S Fuzzy Time-Varying Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 273-286.	5.5	397
10	Dissipativity-Based Sliding Mode Control of Switched Stochastic Systems. IEEE Transactions on Automatic Control, 2013, 58, 785-791.	3.6	365
11	Passivity-based sliding mode control of uncertain singular time-delay systems. Automatica, 2009, 45, 2120-2127.	3.0	364
12	$\mathcal{H}_\infty$ filtering for 2D Markovian jump systems. Automatica, 2008, 44, 1849-1858.	3.0	360
13	Reliable Filtering With Strict Dissipativity for T-S Fuzzy Time-Delay Systems. IEEE Transactions on Cybernetics, 2014, 44, 2470-2483.	6.2	321
14	A Novel Control Design on Discrete-Time Takagi–Sugeno Fuzzy Systems With Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2013, 21, 655-671.	6.5	311
15	Fuzzy Filter Design for Itô Stochastic Systems With Application to Sensor Fault Detection. IEEE Transactions on Fuzzy Systems, 2009, 17, 233-242.	6.5	297
16	Event-Triggered Fault Detection of Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 1041-1052.	6.2	297
17	Weighted $\mathcal{H}_\infty$ model reduction for linear switched systems with time-varying delay. Automatica, 2009, 45, 186-193.	3.0	293
18	Sliding mode control of singular stochastic hybrid systems. Automatica, 2010, 46, 779-783.	3.0	287

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19	Robust Model-Based Fault Diagnosis for PEM Fuel Cell Air-Feed System. IEEE Transactions on Industrial Electronics, 2016, 63, 3261-3270.	5.2	280
20	Model Approximation for Discrete-Time State-Delay Systems in the T–S Fuzzy Framework. IEEE Transactions on Fuzzy Systems, 2011, 19, 366-378.	6.5	260
21	Sliding mode control for semi-Markovian jump systems via output feedback. Automatica, 2017, 81, 133-141.	3.0	257
22	Stochastic stability analysis for 2-D Roesser systems with multiplicative noise. Automatica, 2016, 69, 356-363.	3.0	242
23	A novel approach to output feedback control of fuzzy stochastic systems. Automatica, 2014, 50, 3268-3275.	3.0	232
24	Fault Detection for T-S Fuzzy Time-Delay Systems: Delta Operator and Input-Output Methods. IEEE Transactions on Cybernetics, 2015, 45, 229-241.	6.2	225
25	Positive Observers and Dynamic Output-Feedback Controllers for Interval Positive Linear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 3209-3222.	3.5	222
26	Generalized fault detection for two-dimensional Markovian jump systems. Automatica, 2012, 48, 1741-1750.	3.0	221
27	Practical tracking control of linear motor via fractional-order sliding mode. Automatica, 2018, 94, 221-235.	3.0	219
28	Filtering of Interval Type-2 Fuzzy Systems With Intermittent Measurements. IEEE Transactions on Cybernetics, 2016, 46, 668-678.	6.2	214
29	Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 131-141.	6.5	212
30	Sensor Networks With Random Link Failures: Distributed Filtering for T–S Fuzzy Systems. IEEE Transactions on Industrial Informatics, 2013, 9, 1739-1750.	7.2	210
31	Disturbance-Observer-Based Control for Air Management of PEM Fuel Cell Systems via Sliding Mode Technique. IEEE Transactions on Control Systems Technology, 2019, 27, 1129-1138.	3.2	207
32	Quantized Control Design for Cognitive Radio Networks Modeled as Nonlinear Semi-Markovian Jump Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 2330-2340.	5.2	206
33	Fuzzy-Model-Based ${{\cal D}}$-Stability and Nonfragile Control for Discrete-Time Descriptor Systems With Multiple Delays. IEEE Transactions on Fuzzy Systems, 2014, 22, 1019-1025.	6.5	204
34	Dynamic Output-Feedback Dissipative Control for T–S Fuzzy Systems With Time-Varying Input Delay and Output Constraints. IEEE Transactions on Fuzzy Systems, 2017, 25, 511-526.	6.5	201
35	Model Approximation for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Fuzzy Systems, 2015, 23, 1458-1473.	6.5	199
36	Exponential Stability Analysis for Delayed Neural Networks With Switching Parameters: Average Dwell Time Approach. IEEE Transactions on Neural Networks, 2010, 21, 1396-1407.	4.8	193

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37	Output Feedback Control of Markovian Jump Repeated Scalar Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 199-204.	3.6	193
38	Receding Horizon Stabilization and Disturbance Attenuation for Neural Networks With Time-Varying Delay. IEEE Transactions on Cybernetics, 2015, 45, 2680-2692.	6.2	189
39	Stability and Synchronization of Discrete-Time Neural Networks With Switching Parameters and Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1957-1972.	7.2	185
40	Optimal Guaranteed Cost Sliding-Mode Control of Interval Type-2 Fuzzy Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 246-257.	6.5	182
41	Adaptive sliding mode tracking control for a flexible air-breathing hypersonic vehicle. Journal of the Franklin Institute, 2012, 349, 559-577.	1.9	178
42	Approaches to Tâ€"S Fuzzy-Affine-Model-Based Reliable Output Feedback Control for Nonlinear Itô Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 569-583.	6.5	177
43	Stability analysis and stabilization of 2-D switched systems under arbitrary and restricted switchings. Automatica, 2015, 59, 206-215.	3.0	169
44	Disturbance Observer-Based Antiwindup Control for Air-Breathing Hypersonic Vehicles. IEEE Transactions on Industrial Electronics, 2016, 63, 3038-3049.	5.2	167
45	Event-triggered fuzzy control of nonlinear systems with its application to inverted pendulum systems. Automatica, 2018, 94, 236-248.	3.0	165
46	Stochastic stability of semiâ€"Markovian jump systems with modeâ€"dependent delays. International Journal of Robust and Nonlinear Control, 2014, 24, 3317-3330.	2.1	164
47	Approximate Back-Stepping Fault-Tolerant Control of the Flexible Air-Breathing Hypersonic Vehicle. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1680-1691.	3.7	163
48	Reliable Filter Design for Sensor Networks Using Type-2 Fuzzy Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 1742-1752.	7.2	161
49	Neural Network-Based Passive Filtering for Delayed Neutral-Type Semi-Markovian Jump Systems. IEEE Transactions on Neural Networks and Learning Systems, 2016, 28, 1-14.	7.2	159
50	Dissipativity Analysis and Synthesis for Discrete-Time Tâ€"S Fuzzy Stochastic Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2014, 22, 380-394.	6.5	158
51	Adaptive Control of Hypersonic Flight Vehicles With Limited Angle-of-Attack. IEEE/ASME Transactions on Mechatronics, 2018, 23, 883-894.	3.7	158
52	Event-triggering dissipative control of switched stochastic systems via sliding mode. Automatica, 2019, 103, 261-273.	3.0	154
53	Sliding mode control of switched hybrid systems with timeâ€"varying delay. International Journal of Adaptive Control and Signal Processing, 2008, 22, 909-931.	2.3	149
54	${cal H}_{infty}$ Model Reduction of Takagiâ€"Sugeno Fuzzy Stochastic Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1574-1585.	5.5	147

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55	Adaptive Fuzzy Control for Nonlinear Networked Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2420-2430.	5.9	143
56	Induced l_2 filtering of fuzzy stochastic systems with time-varying delays. IEEE Transactions on Cybernetics, 2013, 43, 1251-1264.	6.2	142
57	Fault Detection Filter Design for Markovian Jump Singular Systems With Intermittent Measurements. IEEE Transactions on Signal Processing, 2011, 59, 3099-3109.	3.2	141
58	State and Output Feedback Control of Interval Type-2 Fuzzy Systems With Mismatched Membership Functions. IEEE Transactions on Fuzzy Systems, 2015, 23, 1943-1957.	6.5	141
59	Event-Triggered Control for Nonlinear Systems Under Unreliable Communication Links. IEEE Transactions on Fuzzy Systems, 2017, 25, 813-824.	6.5	133
60	Fuzzy Tracking Control for Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 2020-2031.	6.2	126
61	Observer-Based Adaptive Sliding Mode Control of NPC Converters: An RBF Neural Network Approach. IEEE Transactions on Power Electronics, 2019, 34, 3831-3841.	5.4	122
62	Quasi-Time-Dependent Output Control for Discrete-Time Switched System With Mode-Dependent Average Dwell Time. IEEE Transactions on Automatic Control, 2018, 63, 2647-2653.	3.6	121
63	Exponential stabilization of switched stochastic dynamical networks. Nonlinearity, 2009, 22, 889-911.	0.6	119
64	Sliding mode control of switched hybrid systems with stochastic perturbation. Systems and Control Letters, 2011, 60, 531-539.	1.3	115
65	Asynchronous control for 2-D switched systems with mode-dependent average dwell time. Automatica, 2017, 79, 198-206.	3.0	115
66	A Structure Simple Controller for Satellite Attitude Tracking Maneuver. IEEE Transactions on Industrial Electronics, 2017, 64, 1436-1446.	5.2	114
67	Nonlinear Control of Variable Speed Wind Turbines via Fuzzy Techniques. IEEE Access, 2017, 5, 27-34.	2.6	114
68	${\cal L}_{2}$–${\cal L}_{\infty}$ Control of Nonlinear Fuzzy Itô Stochastic Delay Systems via Dynamic Output Feedback. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1308-1315.	5.5	109
69	Sliding mode control of T–S fuzzy descriptor systems with time-delay. Journal of the Franklin Institute, 2012, 349, 1430-1444.	1.9	103
70	Secure Estimation for Cyber-Physical Systems via Sliding Mode. IEEE Transactions on Cybernetics, 2018, 48, 3420-3431.	6.2	101
71	Stochastic Stability Analysis and Control of Secondary Frequency Regulation for Islanded Microgrids Under Random Denial of Service Attacks. IEEE Transactions on Industrial Informatics, 2019, 15, 4066-4075.	7.2	100
72	Polynomial Fuzzy-Model-Based Control Systems: Stability Analysis via Approximated Membership Functions Considering Sector Nonlinearity of Control Input. IEEE Transactions on Fuzzy Systems, 2015, 23, 2202-2214.	6.5	97

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73	Reachable Set Estimation of T–S Fuzzy Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2017, 25, 878-891.	6.5	97
74	State Estimation for Delayed Genetic Regulatory Networks With Reaction–Diffusion Terms. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 299-309.	7.2	97
75	Active Defense-Based Resilient Sliding Mode Control Under Denial-of-Service Attacks. IEEE Transactions on Information Forensics and Security, 2020, 15, 237-249.	4.5	96
76	Delay-dependent robust $\mathcal{H}_\infty$ and $\mathcal{H}_2$-$\mathcal{H}_\infty$ filtering for LPV systems with both discrete and distributed delays. IET Control Theory and Applications, 2006, 153, 483-492.	1.7	94
77	Sliding Mode Control of a Three-Phase AC/DC Voltage Source Converter Under Unknown Load Conditions: Industry Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1771-1780.	5.9	94
78	Fuzzy guaranteed cost tracking control for a flexible air-breathing hypersonic vehicle. IET Control Theory and Applications, 2012, 6, 1238.	1.2	89
79	A Piecewise-Markovian Lyapunov Approach to Reliable Output Feedback Control for Fuzzy-Affine Systems With Time-Delays and Actuator Faults. IEEE Transactions on Cybernetics, 2018, 48, 2723-2735.	6.2	89
80	State estimation and self-triggered control of CPSs against joint sensor and actuator attacks. Automatica, 2020, 113, 108687.	3.0	89
81	Observer-Based Adaptive Fault-Tolerant Tracking Control of Nonlinear Nonstrict-Feedback Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-12.	7.2	86
82	Nonfragile Output Tracking Control of Hypersonic Air-Breathing Vehicles With an LPV Model. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1280-1288.	3.7	85
83	Average dwell time approach to $\mathcal{H}_2$–$\mathcal{H}_\infty$ control of switched delay systems via dynamic output feedback. IET Control Theory and Applications, 2009, 3, 1425-1436.	1.2	82
84	Disturbance-Observer-Based Composite Hierarchical Antidisturbance Control for Singular Markovian Jump Systems. IEEE Transactions on Automatic Control, 2019, 64, 2875-2882.	3.6	79
85	A Novel Approach to Reliable Control of Piecewise Affine Systems With Actuator Faults. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 957-961.	2.2	78
86	M-matrix-based globally asymptotic stability criteria for genetic regulatory networks with time-varying discrete and unbounded distributed delays. Neurocomputing, 2016, 174, 1060-1069.	3.5	77
87	Finite-time asynchronous sliding mode control for Markovian jump systems. Automatica, 2019, 109, 108503.	3.0	76
88	Disturbance-Observer-Based Fault Tolerant Control of High-Speed Trains: A Markovian Jump System Model Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1476-1485.	5.9	76
89	Model predictive control‐based non‐linear fault tolerant control for air‐breathing hypersonic vehicles. IET Control Theory and Applications, 2014, 8, 1147-1153.	1.2	74
90	Filtering for uncertain 2-D discrete systems with state delays. Signal Processing, 2007, 87, 2213-2230.	2.1	73

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91	Fuzzy control of nonlinear electromagnetic suspension systems. Mechatronics, 2014, 24, 328-335.	2.0	73
92	Stability and Stabilization of Discrete-Time T–S Fuzzy Systems With Stochastic Perturbation and Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2014, 22, 124-138.	6.5	70
93	Event-Triggered Fault Detector and Controller Coordinated Design of Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2004-2016.	6.5	68
94	Observer-based sliding mode control for a class of uncertain nonlinear neutral delay systems. Journal of the Franklin Institute, 2008, 345, 233-253.	1.9	67
95	Globally Asymptotic Stability Analysis for Genetic Regulatory Networks with Mixed Delays: An M-Matrix-Based Approach. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 135-147.	1.9	67
96	Fault deviation estimation and integral sliding mode control design for Lipschitz nonlinear systems. Systems and Control Letters, 2019, 123, 8-15.	1.3	67
97	Weighted H_∞ Filtering of Switched Systems with Time-Varying Delay: Average Dwell Time Approach. Circuits, Systems, and Signal Processing, 2009, 28, 1017-1036.	1.2	65
98	Resilient Distributed Fuzzy Load Frequency Regulation for Power Systems Under Cross-Layer Random Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2022, 52, 2396-2406.	6.2	65
99	Dissipativity-Based Sliding-Mode Control of Cyber-Physical Systems Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2021, 51, 2306-2318.	6.2	65
100	ℓ_∞ and $l_2–l_\infty$ filtering for two-dimensional linear parameter-varying systems. International Journal of Robust and Nonlinear Control, 2007, 17, 1129-1154.	2.1	64
101	Fuzzy filtering of nonlinear fuzzy stochastic systems with time-varying delay. Signal Processing, 2009, 89, 1739-1753.	2.1	63
102	Nonfragile Control With Guaranteed Cost of T–S Fuzzy Singular Systems Based on Parallel Distributed Compensation. IEEE Transactions on Fuzzy Systems, 2014, 22, 1183-1196.	6.5	63
103	Reduced-order $\ell_2–\ell_\infty$ filtering for a class of nonlinear switched stochastic systems. IET Control Theory and Applications, 2009, 3, 493-508.	1.2	62
104	An Improved Integral Inequality to Stability Analysis of Genetic Regulatory Networks With Interval Time-Varying Delays. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 398-409.	1.9	62
105	Two-Step Stability Analysis for General Polynomial-Fuzzy-Model-Based Control Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 511-524.	6.5	61
106	Guaranteed cost control of switched systems with neutral delay via dynamic output feedback. International Journal of Systems Science, 2009, 40, 717-728.	3.7	60
107	Sliding Mode Control of Grid-Connected Neutral-Point-Clamped Converters Via High-Gain Observer. IEEE Transactions on Industrial Electronics, 2022, 69, 4010-4021.	5.2	59
108	Guaranteed cost control with poles assignment for a flexible air-breathing hypersonic vehicle. International Journal of Systems Science, 2011, 42, 863-876.	3.7	58

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109	Sliding mode control of two-dimensional systems in Roesser model. IET Control Theory and Applications, 2008, 2, 352-364.	1.2	57
110	Sliding Mode Control in Power Converters and Drives: A Review. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 392-406.	8.5	56
111	Quasi Sliding Mode Control of Differential Linear Repetitive Processes With Unknown Input Disturbance. IEEE Transactions on Industrial Electronics, 2011, 58, 3059-3068.	5.2	55
112	Robust guaranteed cost control of discrete‐time networked control systems. Optimal Control Applications and Methods, 2011, 32, 95-112.	1.3	55
113	Adaptive Sliding Mode Control for Quadrotor UAVs With Input Saturation. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1498-1509.	3.7	55
114	Fault Detection for Underactuated Manipulators Modeled by Markovian Jump Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 4387-4399.	5.2	53
115	On stability and stabilizability of positive delay systems. Asian Journal of Control, 2009, 11, 226-234.	1.9	50
116	Dynamic output feedback control of a flexible air-breathing hypersonic vehicle via T–S fuzzy approach. International Journal of Systems Science, 2014, 45, 1740-1756.	3.7	50
117	Finite-Time Stability Analysis of Reaction-Diffusion Genetic Regulatory Networks with Time-Varying Delays. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 868-879.	1.9	50
118	Membership-dependent stability conditions for type-1 and interval type-2 T–S fuzzy systems. Fuzzy Sets and Systems, 2019, 356, 44-62.	1.6	50
119	Zero-Sum Game-Based Optimal Secure Control Under Actuator Attacks. IEEE Transactions on Automatic Control, 2021, 66, 3773-3780.	3.6	50
120	Optimal control of discrete-time interval type-2 fuzzy-model-based systems with $\mathcal{D}$-stability constraint and control saturation. Signal Processing, 2016, 120, 409-421.	2.1	49
121	Adaptive Type-2 FNN-Based Dynamic Sliding Mode Control of DC–DC Boost Converters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2246-2257.	5.9	49
122	Mixed $\mathcal{H}_2/\mathcal{H}_\infty$ approach to fault detection of discrete linear repetitive processes. Journal of the Franklin Institute, 2011, 348, 393-414.	1.9	47
123	Reduced- and Full-Order Observers for Delayed Genetic Regulatory Networks. IEEE Transactions on Cybernetics, 2018, 48, 1989-2000.	6.2	46
124	Interval Type-2 FNN-Based Quantized Tracking Control for Hypersonic Flight Vehicles With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-13.	5.9	46
125	Robust $\mathcal{H}_\infty$ filtering of Markovian jump stochastic systems with uncertain transition probabilities. International Journal of Systems Science, 2011, 42, 1219-1230.	3.7	43
126	Privacy-Preserving Distributed Online Optimization Over Unbalanced Digraphs via Subgradient Rescaling. IEEE Transactions on Control of Network Systems, 2020, 7, 1366-1378.	2.4	41

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127	On dissipativity of Takagi–Sugeno fuzzy descriptor systems with time-delay. Journal of the Franklin Institute, 2012, 349, 3170-3184.	1.9	38
128	Fuzzy-Affine-Model-Based Output Feedback Dynamic Sliding Mode Controller Design of Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-10.	5.9	38
129	Advanced Control Strategies for DC–DC Buck Converters With Parametric Uncertainties via Experimental Evaluation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5257-5267.	3.5	38
130	Linear matrix inequalities–based membership–function–dependent stability analysis for non–parallel distributed compensation fuzzy–model–based control systems. IET Control Theory and Applications, 2014, 8, 614-625.	1.2	37
131	Stabilisation and performance synthesis for switched stochastic systems. IET Control Theory and Applications, 2010, 4, 1877-1888.	1.2	36
132	Co-Design of Distributed Model-Based Control and Event-Triggering Scheme for Load Frequency Regulation in Smart Grids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3311-3319.	5.9	36
133	Sliding mode control of discrete-time switched systems with time-delay. Journal of the Franklin Institute, 2013, 350, 19-33.	1.9	35
134	Adaptive fault-tolerant control of air-breathing hypersonic vehicles robust to input nonlinearities. International Journal of Control, 2019, 92, 1044-1060.	1.2	35
135	Trajectory tracking control of a four mecanum wheeled mobile platform: an extended state observer–based sliding mode approach. IET Control Theory and Applications, 2020, 14, 415-426.	1.2	35
136	Intrusion-Detector-Dependent Distributed Economic Model Predictive Control for Load Frequency Regulation With PEVs Under Cyber Attacks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3857-3868.	3.5	35
137	Static anti-windup design for nonlinear Markovian jump systems with multiple disturbances. Information Sciences, 2017, 418-419, 169-183.	4.0	34
138	Stability Analysis of Genetic Regulatory Networks With Switching Parameters and Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-12.	7.2	34
139	Quantized filtering for Markovian jump LPV systems with intermittent measurements. International Journal of Robust and Nonlinear Control, 2013, 23, 1-14.	2.1	33
140	Passivity and passification of T–S fuzzy descriptor systems with stochastic perturbation and time delay. IET Control Theory and Applications, 2013, 7, 1711-1724.	1.2	33
141	Sparse False Injection Attacks Reconstruction via Descriptor Sliding Mode Observers. IEEE Transactions on Automatic Control, 2021, 66, 5369-5376.	3.6	33
142	Observer-Based Sliding-Mode Control for Grid-Connected Power Converters Under Unbalanced Grid Conditions. IEEE Transactions on Industrial Electronics, 2022, 69, 517-527.	5.2	33
143	Passivity Analysis and Passification of Markovian Jump Systems. Circuits, Systems, and Signal Processing, 2010, 29, 709-725.	1.2	32
144	$\mathscr{H}_\infty$ model reduction for linear parameter-varying systems with distributed delay. International Journal of Control, 2009, 82, 408-422.	1.2	31

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145	Filtering and Control for Classes of Two-Dimensional Systems. Studies in Systems, Decision and Control, 2015, , .	0.8	31
146	High-Performance Second-Order Sliding Mode Control for NPC Converters. IEEE Transactions on Industrial Informatics, 2020, 16, 5345-5356.	7.2	31
147	Adaptive Fuzzy Integral Sliding Mode Control for Flexible Air-Breathing Hypersonic Vehicles Subject to Input Nonlinearity. Journal of Aerospace Engineering, 2013, 26, 721-734.	0.8	30
148	Takagi–Sugeno fuzzy–model–based control of three–phase AC/DC voltage source converters using adaptive sliding mode technique. IET Control Theory and Applications, 2017, 11, 1255-1263.	1.2	30
149	Navigability analysis of magnetic map with projecting pursuit-based selection method by using firefly algorithm. Neurocomputing, 2015, 159, 288-297.	3.5	29
150	Adaptive Second-Order Sliding Mode Control for Grid-Connected NPC Converters With Enhanced Disturbance Rejection. IEEE Transactions on Power Electronics, 2022, 37, 206-220.	5.4	29
151	Robust ℓ_2-ℓ_∞ filtering for uncertain differential linear repetitive processes. International Journal of Adaptive Control and Signal Processing, 2008, 22, 243-265.	2.3	28
152	Multi-Objective Fault-Tolerant Output Tracking Control of a Flexible Air-Breathing Hypersonic Vehicle. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2010, 224, 647-667.	0.7	28
153	Reference output tracking control for a flexible air–breathing hypersonic vehicle via output feedback. Optimal Control Applications and Methods, 2012, 33, 461-487.	1.3	28
154	Hybrid Energy Storage Systems: Concepts, Advantages, and Applications. IEEE Industrial Electronics Magazine, 2021, 15, 74-88.	2.3	28
155	Sliding mode fault–tolerant control of uncertain system: A delta operator approach. International Journal of Robust and Nonlinear Control, 2017, 27, 4173-4187.	2.1	26
156	Quasi-time-dependent control for 2-D switched systems with actuator saturation. Information Sciences, 2017, 408, 115-128.	4.0	26
157	Saturated sliding mode control with limited magnitude and rate. IET Control Theory and Applications, 2018, 12, 1075-1085.	1.2	26
158	Model predictive control under event-triggered communication scheme for nonlinear networked systems. Journal of the Franklin Institute, 2019, 356, 2625-2644.	1.9	26
159	[Hamiltonian (script capital H)]$_\infty$ mode reduction for two-dimensional discrete state-delayed systems. IET Computer Vision, 2006, 153, 769.	1.3	25
160	A New Approach to Robust H$_\infty$ Filtering for Uncertain Systems with Both Discrete and Distributed Delays. Circuits, Systems, and Signal Processing, 2007, 26, 229-248.	1.2	25
161	Constant turn model for statically fused converted measurement Kalman filters. Signal Processing, 2015, 108, 400-411.	2.1	25
162	Multi-Task SE-Network for Image Splicing Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4828-4840.	5.6	25

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163	Resilient filtering for cyber–physical systems under denial–of–service attacks. International Journal of Robust and Nonlinear Control, 2020, 30, 1754-1769.	2.1	24
164	State estimation with a destination constraint using pseudo-measurements. Signal Processing, 2018, 145, 155-166.	2.1	23
165	Polytopic Event-Triggered Robust Model Predictive Control for Constrained Linear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2594-2603.	3.5	23
166	Secure Control for Cyber-Physical Systems Under Malicious Attacks. IEEE Transactions on Control of Network Systems, 2022, 9, 775-788.	2.4	23
167	New global exponential stability criteria for interval-delayed neural networks. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2011, 225, 125-136.	0.7	22
168	A novel algorithm for wavelet neural networks with application to enhanced PID controller design. Neurocomputing, 2015, 158, 257-267.	3.5	22
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