

Ligang Wu

List of Publications by Year in descending order

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330
papers

22,556
citations

6442

81
h-index

9829

143
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345
all docs

345
docs citations

345
times ranked

10338
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.	6.0	563
2	Sliding mode control with bounded $\hat{a}_{i,j}$ gain performance of Markovian jump singular time-delay systems. Automatica, 2012, 48, 1929-1933.	5.2	538
3	Observer-based adaptive sliding mode control for nonlinear Markovian jump systems. Automatica, 2016, 64, 133-142.	5.2	501
4	Event-triggered sliding mode control of stochastic systems via output feedback. Automatica, 2017, 82, 79-92.	5.2	472
5	Fault Detection Filtering for Nonlinear Switched Stochastic Systems. IEEE Transactions on Automatic Control, 2016, 61, 1310-1315.	6.0	461
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.	10.5	441
7	Extended State Observer-Based Sliding-Mode Control for Three-Phase Power Converters. IEEE Transactions on Industrial Electronics, 2017, 64, 22-31.	8.2	438
8	State estimation and sliding mode control for semi-Markovian jump systems with mismatched uncertainties. Automatica, 2015, 51, 385-393.	5.2	417
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.	5.3	398
10	Dissipativity-Based Sliding Mode Control of Switched Stochastic Systems. IEEE Transactions on Automatic Control, 2013, 58, 785-791.	6.0	374
11	Passivity-based sliding mode control of uncertain singular time-delay systems. Automatica, 2009, 45, 2120-2127.	5.2	367
12	H^∞ filtering for 2D Markovian jump systems. Automatica, 2008, 44, 1849-1858.	5.2	362
13	Reliable Filtering With Strict Dissipativity for T-S Fuzzy Time-Delay Systems. IEEE Transactions on Cybernetics, 2014, 44, 2470-2483.	10.1	324
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.	10.5	313
15	Event-Triggered Fault Detection of Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 1041-1052.	10.1	304
16	Fuzzy Filter Design for Itô Stochastic Systems With Application to Sensor Fault Detection. IEEE Transactions on Fuzzy Systems, 2009, 17, 233-242.	10.5	297
17	Robust Model-Based Fault Diagnosis for PEM Fuel Cell Air-Feed System. IEEE Transactions on Industrial Electronics, 2016, 63, 3261-3270.	8.2	296
18	Weighted model reduction for linear switched systems with time-varying delay. Automatica, 2009, 45, 186-193.	5.2	295

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19	Sliding mode control of singular stochastic hybrid systems. <i>Automatica</i> , 2010, 46, 779-783.	5.2	291
20	Sliding mode control for semi-Markovian jump systems via output feedback. <i>Automatica</i> , 2017, 81, 133-141.	5.2	264
21	Model Approximation for Discrete-Time State-Delay Systems in the T-S Fuzzy Framework. <i>IEEE Transactions on Fuzzy Systems</i> , 2011, 19, 366-378.	10.5	260
22	Stochastic stability analysis for 2-D Roesser systems with multiplicative noise. <i>Automatica</i> , 2016, 69, 356-363.	5.2	243
23	A novel approach to output feedback control of fuzzy stochastic systems. <i>Automatica</i> , 2014, 50, 3268-3275.	5.2	234
24	Disturbance-Observer-Based Control for Air Management of PEM Fuel Cell Systems via Sliding Mode Technique. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 1129-1138.	5.4	234
25	Fault Detection for T-S Fuzzy Time-Delay Systems: Delta Operator and Input-Output Methods. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 229-241.	10.1	228
26	Practical tracking control of linear motor via fractional-order sliding mode. <i>Automatica</i> , 2018, 94, 221-235.	5.2	227
27	Positive Observers and Dynamic Output-Feedback Controllers for Interval Positive Linear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2008, 55, 3209-3222.	5.8	225
28	Generalized fault detection for two-dimensional Markovian jump systems. <i>Automatica</i> , 2012, 48, 1741-1750.	5.2	225
29	Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 131-141.	10.5	218
30	Filtering of Interval Type-2 Fuzzy Systems With Intermittent Measurements. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 668-678.	10.1	214
31	Sensor Networks With Random Link Failures: Distributed Filtering for T-S Fuzzy Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2013, 9, 1739-1750.	12.1	210
32	Quantized Control Design for Cognitive Radio Networks Modeled as Nonlinear Semi-Markovian Jump Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2015, 62, 2330-2340.	8.2	207
33	Dynamic Output-Feedback Dissipative Control for T-S Fuzzy Systems With Time-Varying Input Delay and Output Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 511-526.	10.5	207
34	Fuzzy-Model-Based \mathcal{D} -Stability and Nonfragile Control for Discrete-Time Descriptor Systems With Multiple Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 1019-1025.	10.5	204
35	Model Approximation for Fuzzy Switched Systems With Stochastic Perturbation. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1458-1473.	10.5	200
36	Exponential Stability Analysis for Delayed Neural Networks With Switching Parameters: Average Dwell Time Approach. <i>IEEE Transactions on Neural Networks</i> , 2010, 21, 1396-1407.	4.5	194

#	ARTICLE	IF	CITATIONS
37	Output Feedback Control of Markovian Jump Repeated Scalar Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 199-204.	6.0	194
38	Receding Horizon Stabilization and Disturbance Attenuation for Neural Networks With Time-Varying Delay. IEEE Transactions on Cybernetics, 2015, 45, 2680-2692.	10.1	191
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.	12.6	186
40	Optimal Guaranteed Cost Sliding-Mode Control of Interval Type-2 Fuzzy Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 246-257.	10.5	184
41	Approaches to Fuzzy-Affine-Model-Based Reliable Output Feedback Control for Nonlinear It \tilde{A} Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 569-583.	10.5	180
42	Adaptive sliding mode tracking control for a flexible air-breathing hypersonic vehicle. Journal of the Franklin Institute, 2012, 349, 559-577.	3.7	179
43	Stability analysis and stabilization of 2-D switched systems under arbitrary and restricted switchings. Automatica, 2015, 59, 206-215.	5.2	175
44	Disturbance Observer-Based Antiwindup Control for Air-Breathing Hypersonic Vehicles. IEEE Transactions on Industrial Electronics, 2016, 63, 3038-3049.	8.2	173
45	Approximate Back-Stepping Fault-Tolerant Control of the Flexible Air-Breathing Hypersonic Vehicle. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1680-1691.	6.1	169
46	Event-triggering dissipative control of switched stochastic systems via sliding mode. Automatica, 2019, 103, 261-273.	5.2	169
47	Event-triggered fuzzy control of nonlinear systems with its application to inverted pendulum systems. Automatica, 2018, 94, 236-248.	5.2	168
48	Adaptive Control of Hypersonic Flight Vehicles With Limited Angle-of-Attack. IEEE/ASME Transactions on Mechatronics, 2018, 23, 883-894.	6.1	167
49	Stochastic stability of semi-Markovian jump systems with mode-dependent delays. International Journal of Robust and Nonlinear Control, 2014, 24, 3317-3330.	3.8	166
50	Reliable Filter Design for Sensor Networks Using Type-2 Fuzzy Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 1742-1752.	12.1	165
51	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.	12.6	162
52	Dissipativity Analysis and Synthesis for Discrete-Time Fuzzy Stochastic Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2014, 22, 380-394.	10.5	159
53	Adaptive Fuzzy Control for Nonlinear Networked Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2420-2430.	9.7	155
54	\mathcal{H}_{∞} Model Reduction of Takagi-Sugeno Fuzzy Stochastic Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1574-1585.	5.3	150

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55	Sliding mode control of switched hybrid systems with time-varying delay. International Journal of Adaptive Control and Signal Processing, 2008, 22, 909-931.	4.0	149
56	Fault Detection Filter Design for Markovian Jump Singular Systems With Intermittent Measurements. IEEE Transactions on Signal Processing, 2011, 59, 3099-3109.	5.6	142
57	Induced L_2 filtering of fuzzy stochastic systems with time-varying delays. IEEE Transactions on Cybernetics, 2013, 43, 1251-1264.	10.1	142
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.	10.5	141
59	Event-Triggered Control for Nonlinear Systems Under Unreliable Communication Links. IEEE Transactions on Fuzzy Systems, 2017, 25, 813-824.	10.5	136
60	Fuzzy Tracking Control for Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 2020-2031.	10.1	134
61	Observer-Based Adaptive Sliding Mode Control of NPC Converters: An RBF Neural Network Approach. IEEE Transactions on Power Electronics, 2019, 34, 3831-3841.	8.1	132
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.	6.0	126
63	Exponential stabilization of switched stochastic dynamical networks. Nonlinearity, 2009, 22, 889-911.	1.5	119
64	Asynchronous control for 2-D switched systems with mode-dependent average dwell time. Automatica, 2017, 79, 198-206.	5.2	118
65	A Structure Simple Controller for Satellite Attitude Tracking Maneuver. IEEE Transactions on Industrial Electronics, 2017, 64, 1436-1446.	8.2	118
66	Nonlinear Control of Variable Speed Wind Turbines via Fuzzy Techniques. IEEE Access, 2017, 5, 27-34.	4.4	116
67	Sliding mode control of switched hybrid systems with stochastic perturbation. Systems and Control Letters, 2011, 60, 531-539.	2.3	115
68	L_2 - L_∞ Control of Nonlinear Fuzzy Itô Stochastic Delay Systems via Dynamic Output Feedback. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1308-1315.	5.3	109
69	State Estimation for Delayed Genetic Regulatory Networks With Reaction-Diffusion Terms. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 299-309.	12.6	108
70	Secure Estimation for Cyber-Physical Systems via Sliding Mode. IEEE Transactions on Cybernetics, 2018, 48, 3420-3431.	10.1	107
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.	12.1	106
72	Sliding mode control of T-S fuzzy descriptor systems with time-delay. Journal of the Franklin Institute, 2012, 349, 1430-1444.	3.7	105

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73	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.	9.7	105
74	Active Defense-Based Resilient Sliding Mode Control Under Denial-of-Service Attacks. IEEE Transactions on Information Forensics and Security, 2020, 15, 237-249.	7.3	105
75	Reachable Set Estimation of Tâ€“S Fuzzy Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2017, 25, 878-891.	10.5	101
76	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.	10.5	100
77	State estimation and self-triggered control of CPSs against joint sensor and actuator attacks. Automatica, 2020, 113, 108687.	5.2	100
78	Observer-Based Adaptive Fault-Tolerant Tracking Control of Nonlinear Nonstrict-Feedback Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-12.	12.6	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.	10.1	89
80	Nonfragile Output Tracking Control of Hypersonic Air-Breathing Vehicles With an LPV Model. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1280-1288.	6.1	88
81	Sliding Mode Control in Power Converters and Drives: A Review. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 392-406.	13.9	87
82	Disturbance-Observer-Based Composite Hierarchical Antidisturbance Control for Singular Markovian Jump Systems. IEEE Transactions on Automatic Control, 2019, 64, 2875-2882.	6.0	84
83	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.	9.7	83
84	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.	10.1	83
85	Dissipativity-Based Sliding-Mode Control of Cyber-Physical Systems Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2021, 51, 2306-2318.	10.1	82
86	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.	3.2	79
87	Sliding Mode Control of Grid-Connected Neutral-Point-Clamped Converters Via High-Gain Observer. IEEE Transactions on Industrial Electronics, 2022, 69, 4010-4021.	8.2	78
88	Model predictive controlâ€“based nonâ€“linear fault tolerant control for airâ€“breathing hypersonic vehicles. IET Control Theory and Applications, 2014, 8, 1147-1153.	2.2	77
89	M-matrix-based globally asymptotic stability criteria for genetic regulatory networks with time-varying discrete and unbounded distributed delays. Neurocomputing, 2016, 174, 1060-1069.	6.2	77
90	Fuzzy control of nonlinear electromagnetic suspension systems. Mechatronics, 2014, 24, 328-335.	3.4	76

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91	Filtering for uncertain 2-D discrete systems with state delays. <i>Signal Processing</i> , 2007, 87, 2213-2230.	3.9	73
92	Stability and Stabilization of Discrete-Time Tâ€™S Fuzzy Systems With Stochastic Perturbation and Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 124-138.	10.5	70
93	Event-Triggered Fault Detector and Controller Coordinated Design of Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 2004-2016.	10.5	70
94	Adaptive Sliding Mode Control for Quadrotor UAVs With Input Saturation. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 1498-1509.	6.1	69
95	Observer-based sliding mode control for a class of uncertain nonlinear neutral delay systems. <i>Journal of the Franklin Institute</i> , 2008, 345, 233-253.	3.7	67
96	Globally Asymptotic Stability Analysis for Genetic Regulatory Networks with Mixed Delays: An M-Matrix-Based Approach. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2016, 13, 135-147.	3.2	67
97	Fault deviation estimation and integral sliding mode control design for Lipschitz nonlinear systems. <i>Systems and Control Letters</i> , 2019, 123, 8-15.	2.3	67
98	Weighted H ∞ Filtering of Switched Systems with Time-Varying Delay: Average Dwell Time Approach. <i>Circuits, Systems, and Signal Processing</i> , 2009, 28, 1017-1036.	2.1	66
99	Nonfragile Control With Guaranteed Cost of Tâ€™S Fuzzy Singular Systems Based on Parallel Distributed Compensation. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 1183-1196.	10.5	66
100	Zero-Sum Game-Based Optimal Secure Control Under Actuator Attacks. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 3773-3780.	6.0	65
101	\hat{A} , \hat{B} and \hat{L} filtering for two-dimensional linear parameter-varying systems. <i>International Journal of Robust and Nonlinear Control</i> , 2007, 17, 1129-1154.	3.8	64
102	Fuzzy filtering of nonlinear fuzzy stochastic systems with time-varying delay. <i>Signal Processing</i> , 2009, 89, 1739-1753.	3.9	63
103	An Improved Integral Inequality to Stability Analysis of Genetic Regulatory Networks With Interval Time-Varying Delays. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015, 12, 398-409.	3.2	63
104	Two-Step Stability Analysis for General Polynomial-Fuzzy-Model-Based Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 511-524.	10.5	61
105	Guaranteed cost control of switched systems with neutral delay via dynamic output feedback. <i>International Journal of Systems Science</i> , 2009, 40, 717-728.	5.6	60
106	Guaranteed cost control with poles assignment for a flexible air-breathing hypersonic vehicle. <i>International Journal of Systems Science</i> , 2011, 42, 863-876.	5.6	58
107	Quasi Sliding Mode Control of Differential Linear Repetitive Processes With Unknown Input Disturbance. <i>IEEE Transactions on Industrial Electronics</i> , 2011, 58, 3059-3068.	8.2	57
108	Reduced- and Full-Order Observers for Delayed Genetic Regulatory Networks. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1989-2000.	10.1	57

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109	Membership-dependent stability conditions for type-1 and interval type-2 Tâ€“S fuzzy systems. Fuzzy Sets and Systems, 2019, 356, 44-62.	3.0	56
110	Robust guaranteed cost control of discrete-time networked control systems. Optimal Control Applications and Methods, 2011, 32, 95-112.	2.2	55
111	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.	9.7	54
112	Fault Detection for Underactuated Manipulators Modeled by Markovian Jump Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 4387-4399.	8.2	53
113	On stability and stabilizability of positive delay systems. Asian Journal of Control, 2009, 11, 226-234.	2.9	51
114	Dynamic output feedback control of a flexible air-breathing hypersonic vehicle via Tâ€“S fuzzy approach. International Journal of Systems Science, 2014, 45, 1740-1756.	5.6	51
115	Adaptive Type-2 FNN-Based Dynamic Sliding Mode Control of DCâ€“DC Boost Converters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2246-2257.	9.7	51
116	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.	3.2	50
117	Optimal control of discrete-time interval type-2 fuzzy-model-based systems with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0024.gif" overflow="scroll" \rangle \langle \text{mml:mi mathvariant="script" \rangle D \langle /mml:mi \rangle \langle /mml:math \rangle$ -stability constraint and control saturation. Signal Processing, 2016, 120, 409-421.	3.9	49
118	Privacy-Preserving Distributed Online Optimization Over Unbalanced Digraphs via Subgradient Rescaling. IEEE Transactions on Control of Network Systems, 2020, 7, 1366-1378.	4.0	49
119	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0012.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="script" \rangle H \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle /mml:mn \rangle \langle /mml:mrow \rangle \langle /mml:msub \rangle \langle \text{mml:mo} \rangle / \langle /mml:mo \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0012.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="script" \rangle H \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle \text{mml:mrow} \langle \text{mml:mo} \rangle \hat{z} \langle /mml:mo \rangle \langle /mml:mrow \rangle \langle /mml:msub \rangle \langle /mml:math \rangle$ approach to fault detection of discrete linear repetitive processes. Journal of the Franklin Institute, 2011, 348, 393-414.	3.7	47
120	Advanced Control Strategies for DCâ€“DC Buck Converters With Parametric Uncertainties via Experimental Evaluation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5257-5267.	5.8	46
121	Observer-Based Sliding-Mode Control for Grid-Connected Power Converters Under Unbalanced Grid Conditions. IEEE Transactions on Industrial Electronics, 2022, 69, 517-527.	8.2	45
122	Adaptive Second-Order Sliding Mode Control for Grid-Connected NPC Converters With Enhanced Disturbance Rejection. IEEE Transactions on Power Electronics, 2022, 37, 206-220.	8.1	45
123	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.	5.8	44
124	Robust \hat{z} -filtering of Markovian jump stochastic systems with uncertain transition probabilities. International Journal of Systems Science, 2011, 42, 1219-1230.	5.6	43
125	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.	9.7	42
126	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.	9.7	40

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127	Sparse False Injection Attacks Reconstruction via Descriptor Sliding Mode Observers. IEEE Transactions on Automatic Control, 2021, 66, 5369-5376.	6.0	40
128	On dissipativity of Takagiâ€“Sugeno fuzzy descriptor systems with time-delay. Journal of the Franklin Institute, 2012, 349, 3170-3184.	3.7	39
129	Trajectory tracking control of a four mecanum wheeled mobile platform: an extended state observerâ€“based sliding mode approach. IET Control Theory and Applications, 2020, 14, 415-426.	2.2	39
130	High-Performance Second-Order Sliding Mode Control for NPC Converters. IEEE Transactions on Industrial Informatics, 2020, 16, 5345-5356.	12.1	38
131	Linear matrix inequalitiesâ€“based membershipâ€“functionâ€“dependent stability analysis for nonâ€“parallel distributed compensation fuzzyâ€“modelâ€“based control systems. IET Control Theory and Applications, 2014, 8, 614-625.	2.2	37
132	Sliding mode control of discrete-time switched systems with time-delay. Journal of the Franklin Institute, 2013, 350, 19-33.	3.7	35
133	Static anti-windup design for nonlinear Markovian jump systems with multiple disturbances. Information Sciences, 2017, 418-419, 169-183.	7.2	35
134	Stability Analysis of Genetic Regulatory Networks With Switching Parameters and Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-12.	12.6	35
135	Adaptive fault-tolerant control of air-breathing hypersonic vehicles robust to input nonlinearities. International Journal of Control, 2019, 92, 1044-1060.	2.0	35
136	Takagiâ€“Sugeno fuzzyâ€“modelâ€“based control of threeâ€“phase AC/DC voltage source converters using adaptive sliding mode technique. IET Control Theory and Applications, 2017, 11, 1255-1263.	2.2	34
137	Hybrid Energy Storage Systems: Concepts, Advantages, and Applications. IEEE Industrial Electronics Magazine, 2021, 15, 74-88.	3.0	34
138	Multi-Task SE-Network for Image Splicing Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4828-4840.	8.7	34
139	Quantized filtering for Markovian jump LPV systems with intermittent measurements. International Journal of Robust and Nonlinear Control, 2013, 23, 1-14.	3.8	33
140	Passivity and passification of Tâ€“S fuzzy descriptor systems with stochastic perturbation and time delay. IET Control Theory and Applications, 2013, 7, 1711-1724.	2.2	33
141	Passivity Analysis and Passification of Markovian Jump Systems. Circuits, Systems, and Signal Processing, 2010, 29, 709-725.	2.1	32
142	\hat{a}, \hat{x} model reduction for linear parameter-varying systems with distributed delay. International Journal of Control, 2009, 82, 408-422.	2.0	31
143	Secure Control for Cyber-Physical Systems Under Malicious Attacks. IEEE Transactions on Control of Network Systems, 2022, 9, 775-788.	4.0	31
144	Adaptive Fuzzy Integral Sliding Mode Control for Flexible Air-Breathing Hypersonic Vehicles Subject to Input Nonlinearity. Journal of Aerospace Engineering, 2013, 26, 721-734.	1.4	30

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145	Polytopic Event-Triggered Robust Model Predictive Control for Constrained Linear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2594-2603.	5.8	30
146	Navigability analysis of magnetic map with projecting pursuit-based selection method by using firefly algorithm. Neurocomputing, 2015, 159, 288-297.	6.2	29
147	Robust \hat{x} filtering for uncertain differential linear repetitive processes. International Journal of Adaptive Control and Signal Processing, 2008, 22, 243-265.	4.0	28
148	Reference output tracking control for a flexible air-breathing hypersonic vehicle via output feedback. Optimal Control Applications and Methods, 2012, 33, 461-487.	2.2	28
149	Resilient filtering for cyber-physical systems under denial-of-service attacks. International Journal of Robust and Nonlinear Control, 2020, 30, 1754-1769.	3.8	28
150	On Trajectory Homotopy to Explore and Penetrate Dynamically of Multi-UAV. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 24008-24019.	8.4	28
151	Constant turn model for statically fused converted measurement Kalman filters. Signal Processing, 2015, 108, 400-411.	3.9	27
152	Saturated sliding mode control with limited magnitude and rate. IET Control Theory and Applications, 2018, 12, 1075-1085.	2.2	27
153	Sliding mode fault-tolerant control of uncertain system: A delta operator approach. International Journal of Robust and Nonlinear Control, 2017, 27, 4173-4187.	3.8	26
154	Quasi-time-dependent control for 2-D switched systems with actuator saturation. Information Sciences, 2017, 408, 115-128.	7.2	26
155	Model predictive control under event-triggered communication scheme for nonlinear networked systems. Journal of the Franklin Institute, 2019, 356, 2625-2644.	3.7	26
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