Xiaojie Su

List of Publications by Year
in descending order

69	4,676	218677	128289
papers	citations	26	60
		h-index	g-index

69	69	69	2858
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robotic Manipulation in Dynamic Scenarios via Bounding-Box-Based Hindsight Goal Generation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5037-5050.	11.3	5
2	Fast and Smooth Composite Local Learning-Based Adaptive Control. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5708-5718.	11.3	2
3	Reduced Model-Based Fault Detector and Controller Design for Discrete-Time Switching Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2023, 31, 669-681.	9.8	2
4	Adaptive Control of Second-Order Nonlinear Systems With Injection and Deception Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 574-581.	9.3	54
5	Fuzzy-Control-Based Chance-Constrained Programming for Humanitarian Relief Allocation Problem. IEEE Transactions on Fuzzy Systems, 2022, 30, 2044-2054.	9.8	1
6	Decentralized Time-Delay Control Using Partial Variables With Measurable States for a Class of Interconnected Systems With Time Delays. IEEE Transactions on Cybernetics, 2022, 52, 10882-10894.	9.5	8
7	Complex Robotic Manipulation via Graph-Based Hindsight Goal Generation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7863-7876.	11.3	10
8	Event-Triggered Sliding-Mode Control of Networked Fuzzy Systems With Strict Dissipativity. IEEE Transactions on Fuzzy Systems, 2022, 30, 1371-1381.	9.8	13
9	Event-Triggered Fault Detection Filtering of Fuzzy-Model-Based Systems With Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2022, 30, 4336-4347.	9.8	4
10	Kâ€filterâ€based adaptive output feedback control for highâ€order nonlinear systems subject to actuator and sensor attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 3469-3484.	3.7	7
11	Event-Triggered Adaptive Output Feedback Control of Multivariable Systems With Nonsmooth Actuator Nonlinearities. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5557-5566.	9.3	7
12	Event-Triggered Fuzzy Filtering for Networked Systems With Application to Sensor Fault Detection. IEEE Transactions on Fuzzy Systems, 2021, 29, 1409-1422.	9.8	15
13	Adaptive Cooperative Terminal Sliding Mode Control for Distributed Energy Storage Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 434-443.	5.4	27
14	Optimal PID Controller Autotuning Design for MIMO Nonlinear Systems Based on the Adaptive SLP Algorithm. International Journal of Control, Automation and Systems, 2021, 19, 392-403.	2.7	17
15	Hâˆž Filtering of Repeated Scalar Nonlinear Systems: Event-Triggered Communication Case. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3392-3400.	9.3	0
16	Event-Triggered Fuzzy Control for Nonlinear Systems via Sliding Mode Approach. IEEE Transactions on Fuzzy Systems, 2021, 29, 336-344.	9.8	59
17	Event-triggered sliding mode control of networked control systems with Markovian jump parameters. Automatica, 2021, 125, 109405.	5.0	58
18	Event-triggered control for networked control system via an improved integral inequality. Journal of the Franklin Institute, 2021, 358, 2661-2682.	3.4	8

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19	A two‐step method for 4‐pin form‐closure gripper with grasping force optimization. Asian Journal of Control, 2021, 23, 2079-2086.	3.0	1
20	Output feedback fuzzy control of nonlinear dynamic systems: Event‐triggered case. International Journal of Robust and Nonlinear Control, 2021, 31, 6527-6548.	3.7	3
21	Adaptive control of cyber-physical systems under deception and injection attacks. Journal of the Franklin Institute, 2021, 358, 6174-6194.	3.4	19
22	Fault Detection Filter Design for Nonlinear Singular Systems With Markovian Jump Parameters. IEEE Systems Journal, 2021, 15, 4168-4176.	4.6	8
23	Adaptive Iterative Learning Control of Multiple Autonomous Vehicles With a Time-Varying Reference Under Actuator Faults. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5512-5525.	11.3	26
24	Output Feedback Sliding Mode Control of Markovian Jump Systems and Its Application to Switched Boost Converter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 5134-5144.	5.4	18
25	Sliding Mode Output Feedback Control of Markovian Jump Systems via Event-triggered Scheme. , 2021, , .		0
26	A novel optimal PID controller autotuning design based on the SLP algorithm. Expert Systems, 2020, 37, e12489.	4.5	21
27	Event-triggered sliding mode control of nonlinear dynamic systems. Automatica, 2020, 112, 108738.	5.0	110
28	Finite-region dissipative dynamic output feedback control for 2-D FM systems with missing measurements. Information Sciences, 2020, 514, 1-14.	6.9	20
29	Novel D-SLP Controller Design for Nonlinear Feedback Control. IEEE Access, 2020, 8, 128796-128808.	4.2	5
30	Event‐triggered dynamic output feedback control for networked nonlinear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 7031-7051.	3.7	5
31	Event-Triggered Fuzzy Control of Repeated Scalar Nonlinear Systems and its Application to Chua's Circuit System. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5347-5357.	5.4	14
32	Event-Triggered Sliding Mode Control of Fuzzy Dynamic Systems. , 2020, , .		0
33	Robust Stabilization of Delayed Neural Networks: Dissipativity-Learning Approach. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 913-922.	11.3	23
34	Observer-Based Sliding Mode Control for Uncertain Fuzzy Systems via Event-Triggered Strategy. IEEE Transactions on Fuzzy Systems, 2019, 27, 2190-2201.	9.8	67
35	Event-Triggered Output Feedback Control of Takagi-Sugeno Fuzzy Systems. , 2019, , .		0
36	Sliding Mode Control of Markovian Jump System via an Event-triggered Mechanism. , 2019, , .		1

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37	Decentralized Adaptive Control of Interconnected Nonlinear Systems with Unknown Control Directions and Actuator Failure. International Journal of Control, Automation and Systems, 2019, 17, 29-37.	2.7	9
38	Fault detection filtering for nonlinear switched systems via event-triggered communication approach. Automatica, 2019, 101, 365-376.	5.0	122
39	Event-Triggered Fuzzy Filtering for Nonlinear Dynamic Systems via Reduced-Order Approach. IEEE Transactions on Fuzzy Systems, 2019, 27, 1215-1225.	9.8	87
40	Dissipativity-Based Fuzzy Control of Nonlinear Systems via an Event-Triggered Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1208-1217.	9.3	43
41	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.	5.2	207
42	Sliding mode control of hybrid switched systems via an event-triggered mechanism. Automatica, 2018, 90, 294-303.	5.0	212
43	Event-Triggered Fault Detector and Controller Coordinated Design of Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2004-2016.	9.8	68
44	Fault-Tolerant Control of Multiarea Power Systems via a Sliding-Mode Observer Technique. IEEE/ASME Transactions on Mechatronics, 2018, 23, 38-47.	5.8	49
45	Hybrid-Augmented Device Fingerprinting for Intrusion Detection in Industrial Control System Networks. IEEE Wireless Communications, 2018, 25, 26-31.	9.0	54
46	Annual variation patterns of the effluent water quality from a green roof and the overall impacts of its structure. Environmental Science and Pollution Research, 2018, 25, 30170-30179.	5.3	18
47	Event-triggered fuzzy control of nonlinear systems with its application to inverted pendulum systems. Automatica, 2018, 94, 236-248.	5.0	165
48	<inline-formula> <tex-math notation="LaTeX">$mathcal {L}_{2}$</tex-math> </inline-formula>â€" <inline-formula> <tex-math notation="LaTeX">$mathcal {L}_{infty }$</tex-math> </inline-formula> Output Feedback Controller Design for Fuzzy Systems Over Switching Parameters. IEEE Transactions on Fuzzy Systems, 2018, 26, 3755-3769.	9.8	26
49	Event-Triggered Sliding-Mode Control for Multi-Area Power Systems. IEEE Transactions on Industrial Electronics, 2017, 64, 6732-6741.	7.9	149
50	Reduced-order filter design of Tâ€"S fuzzy stochastic systems with time-varying delay. Journal of the Franklin Institute, 2017, 354, 2310-2339.	3.4	18
51	Dynamic Output Feedback Control of Switched Repeated Scalar Nonlinear Systems. Circuits, Systems, and Signal Processing, 2017, 36, 3206-3221.	2.0	2
52	Switched control of repeated scalar nonâ€linear systems via sliding mode control technique. IET Control Theory and Applications, 2017, 11, 1088-1097.	2.1	3
53	Sliding Mode Control of Discrete-Time Switched Systems with Repeated Scalar Nonlinearities. IEEE Transactions on Automatic Control, 2017, 62, 4604-4610.	5.7	152
54	Fuzzy-rule-based model reduction for switched nonlinear systems. , 2016, , .		0

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55	Reduced-order model approximation of fuzzy switched systems with pre-specified performance. Information Sciences, 2016, 370-371, 538-550.	6.9	6
56	Sliding mode controller design for switched nonlinear systems. , 2016, , .		0
57	Fault Detection Filtering for Nonlinear Switched Stochastic Systems. IEEE Transactions on Automatic Control, 2016, 61, 1310-1315.	5.7	450
58	Dissipativity-Based Filtering for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Automatic Control, 2016, 61, 1694-1699.	5.7	259
59	Pre-specified performance based model reduction for time-varying delay systems in fuzzy framework. Information Sciences, 2016, 328, 206-221.	6.9	13
60	Filtering of takagi-sugeno fuzzy switched system with application to sensor fault detection. , 2015, , .		1
61	Model Approximation for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Fuzzy Systems, 2015, 23, 1458-1473.	9.8	199
62	Output Feedback Control of Markovian Jump Repeated Scalar Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 199-204.	5.7	193
63	Reliable Filtering With Strict Dissipativity for T-S Fuzzy Time-Delay Systems. IEEE Transactions on Cybernetics, 2014, 44, 2470-2483.	9.5	321
64	A novel approach to output feedback control of fuzzy stochastic systems. Automatica, 2014, 50, 3268-3275.	5.0	232
65	Fuzzy control of nonlinear electromagnetic suspension systems. Mechatronics, 2014, 24, 328-335.	3.3	73
66	A Novel Control Design on Discrete-Time Takagiâ€"Sugeno Fuzzy Systems With Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2013, 21, 655-671.	9.8	311
67	A Novel Approach to Filter Design for Tâ€"S Fuzzy Discrete-Time Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2012, 20, 1114-1129.	9.8	436
68	${cal H}_{infty}$ Model Reduction of Takagiâ€"Sugeno Fuzzy Stochastic Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1574-1585.	5.0	147
69	Hankel-norm model approximation for LPV systems with parameter-varying time delays. International Journal of Systems Science, 2010, 41, 1173-1185.	5.5	13