

Zhiru Cao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

616
citations

932766

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887659

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all docs

21
docs citations

21
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-triggered sliding mode control for multi-agent systems subject to channel fading. International Journal of Systems Science, 2022, 53, 1233-1244.	3.7	63
2	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.	1.9	3
3	Sliding mode control of uncertain FMII 2D systems under directional event-triggered schemes. International Journal of Robust and Nonlinear Control, 2022, 32, 5226-5246.	2.1	4
4	Sliding mode control for multi-agent systems under stochastic communication protocol. International Journal of Robust and Nonlinear Control, 2022, 32, 7522-7535.	2.1	10
5	Sliding Mode Control of Markovian Jump Fuzzy Systems: A Dynamic Event-Triggered Method. IEEE Transactions on Fuzzy Systems, 2021, 29, 2902-2915.	6.5	61
6	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.	5.9	40
7	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.	6.5	47
8	Sliding mode control for Markovian jump systems under deception attacks. , 2021, , .		1
9	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.	3.6	189
10	Sliding mode control of automotive electronic valve system under weighted try-once-discard protocol. Information Sciences, 2020, 515, 324-340.	4.0	27
11	Self-triggered sliding mode control for Digital Fly-by-Wire aircraft system. Journal of the Franklin Institute, 2020, 357, 10492-10512.	1.9	5
12	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.	2.1	37
13	Finite-time stochastic boundedness of Markovian jump systems: A sliding-mode-based hybrid design method. Nonlinear Analysis: Hybrid Systems, 2020, 36, 100862.	2.1	10
14	Guaranteed cost sliding mode control of Markovian jump Lur'e systems under Round-Robin protocol. IET Control Theory and Applications, 2020, 14, 2784-2794.	1.2	2
15	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.	5.9	52
16	Finite-time Sliding Mode Control of Markovian Jump Systems Subject to Actuator Faults. International Journal of Control, Automation and Systems, 2018, 16, 2282-2289.	1.6	26
17	Input-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.	3.7	3
18	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.	1.9	25

#	ARTICLE	IF	CITATIONS
19	Finite-time boundedness of uncertain Markovian jump systems: A sliding mode approach. , 2017, , .		0
20	Finite-time $\hat{\alpha}$, " $\hat{\alpha}$ " control of Markovian jump linear systems with partly accessible hidden information via asynchronous output feedback. , 2017, , .		4
21	Optimized hybrid design with stabilizing transition probability for stochastic Markovian jump systems under hidden Markov mode detector. Asian Journal of Control, 0, , .	1.9	7