

# Yuanyuan Zou

## List of Publications by Year in descending order

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49  
papers

1,553  
citations

430874

18  
h-index

302126

39  
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49  
all docs

49  
docs citations

49  
times ranked

1121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite-Time Stabilization via Sliding Mode Control. IEEE Transactions on Automatic Control, 2017, 62, 1478-1483.	5.7	204
2	Adaptive sliding mode control for stochastic Markovian jumping systems with actuator degradation. Automatica, 2013, 49, 1748-1754.	5.0	188
3	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
4	Finite-time sliding mode control synthesis under explicit output constraint. Automatica, 2016, 65, 111-114.	5.0	118
5	Constrained predictive control synthesis for quantized systems with Markovian data loss. Automatica, 2015, 55, 217-225.	5.0	96
6	Event-triggered distributed predictive control for asynchronous coordination of multi-agent systems. Automatica, 2019, 99, 92-98.	5.0	85
7	Asynchronous sliding mode control of singularly perturbed semi-Markovian jump systems: Application to an operational amplifier circuit. Automatica, 2020, 118, 109026.	5.0	80
8	Self-Triggered DMPC Design for Cooperative Multiagent Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 512-520.	7.9	63
9	Adaptive sliding mode reliable control for switched systems with actuator degradation. IET Control Theory and Applications, 2015, 9, 1197-1204.	2.1	59
10	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
11	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
12	Sliding mode control for stochastic Markovian jumping systems with incomplete transition rate. IET Control Theory and Applications, 2013, 7, 1330-1338.	2.1	49
13	Event-triggered distributed predictive control for the cooperation of multi-agent systems. IET Control Theory and Applications, 2017, 11, 10-16.	2.1	41
14	Sliding mode control for stochastic Markovian jumping systems subject to successive packet losses. Journal of the Franklin Institute, 2014, 351, 2169-2184.	3.4	33
15	Robust finite-time bounded control for discrete-time stochastic systems with communication constraint. IET Control Theory and Applications, 2015, 9, 2015-2021.	2.1	28
16	Multi-time hierarchical stochastic predictive control for energy management of an island microgrid with plug-in electric vehicles. IET Generation, Transmission and Distribution, 2019, 13, 1794-1801.	2.5	27
17	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
18	Networked predictive control of constrained linear systems with input quantisation. International Journal of Systems Science, 2013, 44, 1970-1982.	5.5	25

#	ARTICLE	IF	CITATIONS
19	Predictive Control of Constrained Linear Systems with Multiple Missing Measurements. <i>Circuits, Systems, and Signal Processing</i> , 2013, 32, 615-630.	2.0	18
20	Multirate Event-Triggered MPC for NCSs with Transmission Delays. <i>Circuits, Systems, and Signal Processing</i> , 2016, 35, 4249-4270.	2.0	14
21	Congestion control and energy-balanced scheme based on the hierarchy for WSNs. <i>IET Wireless Sensor Systems</i> , 2017, 7, 1-8.	1.7	14
22	Dynamic event-triggered sliding mode security control for Markovian jump systems: Learning-based iteration optimization method. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 2500-2517.	3.7	14
23	Sliding mode control for uncertain switched systems subject to actuator nonlinearity. <i>International Journal of Control, Automation and Systems</i> , 2014, 12, 57-62.	2.7	13
24	Adaptive dynamic programming-based decentralized event-triggered control of large-scale nonlinear systems. <i>Asian Journal of Control</i> , 2022, 24, 1542-1556.	3.0	13
25	Reliable Sliding-Mode Control for Markovian Jumping Systems Subject to Partial Actuator Degradation. <i>Circuits, Systems, and Signal Processing</i> , 2013, 32, 601-614.	2.0	8
26	Distributed MPC for Reconfigurable Architecture Systems via Alternating Direction Method of Multipliers. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021, 8, 1336-1344.	13.1	8
27	Economic Model Predictive Control of Enhanced Operation Performance for Industrial Hierarchical Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 6080-6089.	7.9	8
28	Event-Driven Robust Output Feedback Control for Constrained Linear Systems via Model Predictive Control Method. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 543-558.	2.0	7
29	Event-triggered control for discrete-time multi-agent networks. , 2013, , .		5
30	Mean square detectability of LTI systems over finite-state digital block-fading channels. <i>International Journal of Control, Automation and Systems</i> , 2017, 15, 498-505.	2.7	4
31	Distributed model predictive control for multi-robot systems with conflicting signal temporal logic tasks. <i>IET Control Theory and Applications</i> , 2022, 16, 554-572.	2.1	4
32	Event-triggered decentralized robust model predictive control for constrained large-scale interconnected systems. <i>Cogent Engineering</i> , 2016, 3, 1127309.	2.2	3
33	Observed-based event-triggered control for nonlinear systems with disturbances using adaptive dynamic programming. , 2020, , .		3
34	Economic model predictive control for the operation optimization of water distribution networks with risks. <i>Asian Journal of Control</i> , 2021, 23, 128-142.	3.0	3
35	Finite-time Boundedness of T-S Fuzzy Systems Subject to Injection Attacks: A Sliding Mode Control Method. <i>IFAC-PapersOnLine</i> , 2020, 53, 5075-5080.	0.9	3
36	Triggering and Control Co-design of Nonlinear Systems with External Disturbances Using Adaptive Dynamic Programming. <i>Circuits, Systems, and Signal Processing</i> , 2022, 41, 1913-1939.	2.0	3

#	ARTICLE	IF	CITATIONS
37	Predictive control design subject to multiple missing measurements. , 2012, , .		2
38	Robust Explicit Solution of Multirate Predictive Control System with External Disturbances. Circuits, Systems, and Signal Processing, 2013, 32, 2503-2515.	2.0	2
39	Quantised feedback stabilisation of LTI systems over partly unknown Markov fading channels. International Journal of Systems Science, 2017, 48, 2128-2136.	5.5	2
40	Event-triggered non-cooperative distributed predictive control for dynamically coupled large-scale systems. Cogent Engineering, 2017, 4, 1422227.	2.2	2
41	Explicit MPC for multi-rate control systems. , 2011, , .		1
42	Model predictive control for constrained uncertain piecewise linear systems. Journal of Control Theory and Applications, 2013, 11, 230-236.	0.8	1
43	Event-triggered networked predictive control of system with data loss. Cogent Engineering, 2016, 3, 1134039.	2.2	1
44	UAV multi-dynamic target points path planning with obstacles based on SOM-DAPF. , 2020, , .		1
45	Event-Triggered Multiagent Consensus Under Relative Output Sensing. IEEE Transactions on Cybernetics, 2024, 54, 915-928.	9.5	1
46	Sliding mode control for networked systems with Markovian jumping parameters. , 2012, , .		0
47	Mean square detectability of multi-output networked systems over finite-state fading channels. , 2016, , .		0
48	Input-output finite-time stability and stabilization of stochastic fuzzy systems with randomly occurring uncertainties and gain fluctuations. , 2016, , .		0
49	A Submodular Receding Horizon Control Strategy to Distributed Persistent Monitoring. Frontiers in Control Engineering, 2022, 2, .	0.6	0