Shen Mouquan

List of Publications by Citations

57 papers	1,133 citations	18 h-index	31 g-index
66 ext. papers	1,417 ext. citations	4 avg, IF	5.37 L-index

#	Paper	IF	Citations
57	A Separated Approach to Control of Markov Jump Nonlinear Systems With General Transition Probabilities. *IEEE Transactions on Cybernetics*, **2016**, 46, 2010-8	10.2	111
56	Improved fuzzy control design for nonlinear Markovian-jump systems with incomplete transition descriptions. *Fuzzy Sets and Systems*, **2013**, 217, 80-95	3.7	84
55	Resilient Control Design for Lateral Motion Regulation of Intelligent Vehicle. *IEEE/ASME Transactions on Mechatronics*, **2019**, 24, 2488-2497	5.5	81
54	Finite-time H static output control of Markov jump systems with an auxiliary approach. *Applied Mathematics and Computation*, **2016**, 273, 553-561	2.7	66
53	Event-triggered H filtering of Markov jump systems with general transition probabilities. *Information Sciences*, **2017**, 418-419, 635-651	7.7	41
52	A new approach to event-triggered static output feedback control of networked control systems. *ISA Transactions*, **2016**, 65, 468-474	5.5	41
51	State estimation for cyber-physical systems with limited communication resources, sensor saturation and denial-of-service attacks. *ISA Transactions*, **2020**, 104, 101-114	5.5	41
50	A Distributed Delay Method for Event-Triggered Control of T S Fuzzy Networked Systems With Transmission Delay. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1963-1973	8.3	37
49	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1901-1911	7.3	34
48	Mode-dependent filter design for Markov jump systems with sensor nonlinearities in finite frequency domain. *Signal Processing*, **2017**, 134, 1-8	4.4	31
47	A novel event-triggered mechanism for networked cascade control system with stochastic nonlinearities and actuator failures. *Journal of the Franklin Institute*, **2019**, 356, 1955-1974	4	31
46	Event-Triggered $H_{infty }$ Control of Networked Control Systems With Distributed Transmission Delay. *IEEE Transactions on Automatic Control*, **2020**, 65, 4295-4301	5.9	30
45	Event-triggered filter design for nonlinear cyber-physical systems subject to deception attacks. *ISA Transactions*, **2020**, 104, 130-137	5.5	30
44	H filtering of Markov jump linear systems with general transition probabilities and output quantization. *ISA Transactions*, **2016**, 63, 204-210	5.5	29
43	H 2 state feedback controller design for continuous Markov jump linear systems with partly known information. *International Journal of Systems Science*, **2012**, 43, 786-796	2.3	27
42	fault detection observer design in finite-frequency domain for Lipschitz non-linear systems. *IET Control Theory and Applications*, **2017**, 11, 2361-2369	2.5	25
41	Robust H_2 Control of Linear Systems With Mismatched Quantization. *IEEE Transactions on Automatic Control*, **2019**, 64, 1702-1709	5.9	21

40	New analysis and synthesis conditions for continuous Markov jump linear systems with partly known transition probabilities. *IET Control Theory and Applications*, **2012**, 6, 2318-2325	2.5	20
39	Reliable H static output control of linear time-varying delay systems against sensor failures. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 3109-3123	3.6	18
38	Robust H control of uncertain linear system with interval time-varying delays by using Wirtinger inequality. *Applied Mathematics and Computation*, **2018**, 335, 1-11	2.7	18
37	A finite frequency approach to control of Markov jump linear systems with incomplete transition probabilities. *Applied Mathematics and Computation*, **2017**, 295, 53-64	2.7	18
36	Non-fragile multivariable PID controller design via system augmentation. *International Journal of Systems Science*, **2017**, 48, 2168-2181	2.3	17
35	H control of Markov jump systems with time-varying delay and incomplete transition probabilities. *Applied Mathematics and Computation*, **2017**, 301, 95-106	2.7	17
34	Observer-based quantized sliding mode ({varvec{mathcal {H}}}_{varvec{infty }}) control of Markov jump systems. *Nonlinear Dynamics*, **2018**, 92, 415-427	5	17
33	Event-triggered nonfragileH filtering of Markov jump systems with imperfect transmissions. *Signal Processing*, **2018**, 149, 204-213	4.4	16
32	Robust H static output control of discrete Markov jump linear systems with norm bounded uncertainties. *IET Control Theory and Applications*, **2014**, 8, 1449-1455	2.5	16
31	State augmented feedback controller design approach for T-S fuzzy system with complex actuator saturations. *International Journal of Control, Automation and Systems*, **2017**, 15, 2395-2405	2.9	15
30	Robust input-to-state stability of neural networks with Markovian switching in presence of random disturbances or time delays. *Neurocomputing*, **2017**, 249, 245-252	5.4	14
29	H2 filter design for discrete-time Markov jump linear systems with partly unknown transition probabilities. *Optimal Control Applications and Methods*, **2012**, 33, 318-337	1.7	14
28	Extended event-driven observer-based output control of networked control systems. *Nonlinear Dynamics*, **2016**, 86, 1639-1648	5	14
27	H filtering of continuous Markov jump linear system with partly known Markov modes and transition probabilities. *Journal of the Franklin Institute*, **2013**, 350, 3384-3399	4	13
26	Extended . *Journal of the Franklin Institute*, **2015**, 352, 5269-5291	4	11
25	Inertial vector measurements based attitude synchronization control for multiple spacecraft formation. *Aerospace Science and Technology*, **2019**, 93, 105309	4.9	11
24	Simultaneous Fault Detection and Control for Markovian Jump Systems with General Uncertain Transition Rates. *International Journal of Control, Automation and Systems*, **2018**, 16, 2074-2081	2.9	11
23	H Output Anti-Disturbance Control of Stochastic Markov Jump Systems With Multiple Disturbances. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-11	7.3	10

22	Fuzzy tracking control for Markov jump systems with mismatched faults by iterative proportional-integral observers. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	10
21	Reliable H□output control of nonlinear systems with dynamic event-triggered scheme. *Journal of the Franklin Institute*, **2019**, 356, 58-79	4	10
20	Event-triggered non-fragile filtering of linear systems with a structure separated approach. *IET Control Theory and Applications*, **2017**, 11, 2977-2984	2.5	9
19	(H_{infty }) Static Output Control of Discrete-Time Networked Control Systems with an Event-Triggered Scheme. *Circuits, Systems, and Signal Processing*, **2018**, 37, 553-568	2.2	8
18	H□static output feedback controller design for continuous Markov jump systems with incomplete transition probabilities. *Transactions of the Institute of Measurement and Control*, **2014**, 36, 743-753	1.8	8
17	Finite-time H□filtering of Markov jump systems with incomplete transition probabilities: a probability approach. *IET Signal Processing*, **2015**, 9, 572-578	1.7	7
16	A new approach to feedback feed-forward iterative learning control with random packet dropouts. *Applied Mathematics and Computation*, **2019**, 348, 399-412	2.7	6
15	Fault estimation for continuous-time Markovian jump systems by a mode-dependent intermediate estimator. *IET Control Theory and Applications*, **2018**, 12, 1924-1931	2.5	6
14	Relaxed H □Controller Design for Continuous Markov Jump System with Incomplete Transition Probabilities. *Circuits, Systems, and Signal Processing*, **2014**, 33, 1393-1410	2.2	5
13	Sliding mode control of time-varying delay Markov jump with quantized output. *Optimal Control Applications and Methods*, **2019**, 40, 226-240	1.7	5
12	Nonfragile H output feedback control of linear systems with an event-triggered scheme against unreliable communication links. *ISA Transactions*, **2019**, 84, 96-103	5.5	5
11	An iterative observer-based fault estimation for discrete-time T-S fuzzy systems. *International Journal of Systems Science*, **2020**, 51, 1007-1018	2.3	5
10	A New Approach to Static Output Control of Uncertain Continuous Markov Jump Linear Systems. *Circuits, Systems, and Signal Processing*, **2015**, 34, 2517-2535	2.2	4
9	H□control of uncertain linear systems with a triggering threshold dependent approach. *Information Sciences*, **2020**, 540, 278-291	7.7	4
8	Composite control of linear systems with event-triggered inputs and outputs. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	3
7	Nonfragile H□Filtering of Continuous Markov Jump Linear Systems With General Transition Probabilities. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2013**, 135,	1.6	2
6	Finite-time stabilization of discrete Markov jump systems with partly known transition probabilities **2014**,		1
5	Iterative Learning Control of Constrained Systems With Varying Trial Lengths Under Alignment Condition.. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1

List of Publications

4	A New Method to Reliable H∞ Control of Nonlinear Stochastic Systems with Actuator Faults. *International Journal of Fuzzy Systems*, **2019**, 21, 60-71	3.6	1
3	H∞ finite-time control of unknown uncertain systems with actuator failure. *Applied Mathematics and Computation*, **2020**, 383, 125375	2.7	0
2	A constructive method to static output stabilisation of Markov jump systems. *International Journal of Control*, **2014**, 1-11	1.5	
1	Event-Based Output Quantized Synchronization Control for Multiple Delayed Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, 1-11	10.3	