

Jing Wang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	\mathcal{H}_{∞} Synchronization for Fuzzy Markov Jump Chaotic Systems With Piecewise-Constant Transition Probabilities Subject to PDT Switching Rule. IEEE Transactions on Fuzzy Systems, 2021, 29, 3082-3092.	6.5	221
2	Observer-Based Sliding Mode Control for Networked Fuzzy Singularly Perturbed Systems Under Weighted Try-Once-Discard Protocol. IEEE Transactions on Fuzzy Systems, 2022, 30, 1889-1899.	6.5	201
3	Non-Fragile \mathcal{H}_{∞} Synchronization for Markov Jump Singularly Perturbed Coupled Neural Networks Subject to Double-Layer Switching Regulation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2682-2692.	7.2	189
4	Extended Dissipative Control for Singularly Perturbed PDT Switched Systems and its Application. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5281-5289.	3.5	159
5	Dissipative fault-tolerant control for nonlinear singular perturbed systems with Markov jumping parameters based on slow state feedback. Applied Mathematics and Computation, 2018, 328, 247-262.	1.4	149
6	Interval Type-2 Fuzzy Passive Filtering for Nonlinear Singularly Perturbed PDT-Switched Systems and Its Application. Journal of Systems Science and Complexity, 2021, 34, 2195-2218.	1.6	120
7	A Markov jump model approach to reliable event-triggered retarded dynamic output feedback	2.1	97
8	\mathcal{H}_{∞} synchronization for singularly perturbed complex networks with semi-Markov jump topology. Applied Mathematics and Computation, 2018, 321, 450-462.	1.4	97
9	Sliding-Mode Control for Slow-Sampling Singularly Perturbed Systems Subject to Markov Jump Parameters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7579-7586.	5.9	96
10	Finite-time synchronization for complex dynamic networks with semi-Markov switching topologies: An \mathcal{H}_{∞} event-triggered control scheme. Applied Mathematics and Computation, 2019, 356, 235-251.	1.4	95
11	Asynchronous Event-Triggered Sliding Mode Control for Semi-Markov Jump Systems Within a Finite-Time Interval. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 458-468.	3.5	76
12	Finite-time non-fragile \mathcal{H}_{∞} synchronization for jumping stochastic systems subject to input constraints via an event-triggered mechanism. Journal of the Franklin Institute, 2018, 355, 6371-6389.	1.9	69
13	Reachable set estimation of delayed fuzzy inertial neural networks with Markov jumping parameters. Journal of the Franklin Institute, 2020, 357, 6882-6898.	1.9	65
14	Generalised dissipative asynchronous output feedback control for Markov jump repeated scalar nonlinear systems with time-varying delay. IET Control Theory and Applications, 2019, 13, 2114-2121.	1.2	58
15	Asynchronous dissipative filtering for nonlinear jumping systems subject to fading channels. Journal of the Franklin Institute, 2020, 357, 589-605.	1.9	56
16	Sampled-data \mathcal{H}_{∞} exponential synchronization for delayed semi-Markov jump CDNs: A looped-functional approach. Applied Mathematics and Computation, 2020, 377, 125156.	1.4	42
17	Hybrid Event-Based Leader-Following Consensus of Nonlinear Multiagent Systems With Semi-Markov Jump Parameters. IEEE Systems Journal, 2022, 16, 397-408.	2.9	42
18	Further results on fuzzy sampled-data stabilization of chaotic nonlinear systems. Applied Mathematics and Computation, 2020, 379, 125225.	1.4	38

#	ARTICLE	IF	CITATIONS
19	Reachable set estimation for Markov jump LPV systems with time delays. Applied Mathematics and Computation, 2020, 376, 125117.	1.4	38
20	Asynchronous H ∞ filtering for nonlinear persistent dwell-time switched singular systems with measurement quantization. Applied Mathematics and Computation, 2019, 362, 124578.	1.4	37
21	Event-based secure H_{∞} load frequency control for delayed power systems subject to deception attacks. Applied Mathematics and Computation, 2021, 394, 125788.	1.4	37
22	Extended dissipative sliding mode control for nonlinear networked control systems via event-triggered mechanism with random uncertain measurement. Applied Mathematics and Computation, 2021, 396, 125901.	1.4	37
23	Passive state estimation for fuzzy jumping neural networks with fading channels based on the hidden Markov model. Physica A: Statistical Mechanics and Its Applications, 2019, 535, 122437.	1.2	32
24	Finite-Time L_2 - L_{∞} Synchronization for Semi-Markov Jump Inertial Neural Networks Using Sampled Data. IEEE Transactions on Network Science and Engineering, 2021, 8, 163-173.	4.1	29
25	Passive gain-scheduling filtering for jumping linear parameter varying systems with fading channels based on the hidden Markov model. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 67-79.	0.7	27
26	Model-Based Fuzzy L_2 - L_{∞} Filtering for Discrete-Time Semi-Markov Jump Nonlinear Systems Using Semi-Markov Kernel. IEEE Transactions on Fuzzy Systems, 2022, 30, 2289-2299.	6.5	25
27	An Improved Result on Stability Analysis of Delayed Load Frequency Control Power Systems. International Journal of Control, Automation and Systems, 2021, 19, 1633-1639.	1.6	24
28	Fuzzy-Model-Based H_{∞} Pinning Synchronization for Coupled Neural Networks Subject to Reaction-Diffusion. IEEE Transactions on Fuzzy Systems, 2022, 30, 248-257.	6.5	24
29	Generalized Dissipative State Estimation of Singularly Perturbed Switched Complex Dynamic Networks With Persistent Dwell-Time Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1795-1806.	5.9	24
30	Non-fragile dissipative state estimation for semi-Markov jump inertial neural networks with reaction-diffusion. Applied Mathematics and Computation, 2021, 411, 126404.	1.4	22
31	New delay-dependent bounded real lemmas of polytopic uncertain singular Markov jump systems with time delays. Journal of the Franklin Institute, 2014, 351, 1673-1690.	1.9	19
32	Quantized Interval Type-2 Fuzzy Control for Persistent Dwell-Time Switched Nonlinear Systems With Singular Perturbations. IEEE Transactions on Cybernetics, 2022, 52, 6638-6648.	6.2	18
33	Adaptive fixed-time control for nonlinear systems against time-varying actuator faults. Nonlinear Dynamics, 2022, 107, 3629-3640.	2.7	17
34	Fixed-time synchronization for inertial Cohen-Grossberg delayed neural networks: An event-triggered approach. Knowledge-Based Systems, 2022, 250, 109104.	4.0	17
35	H_{∞} State Estimation for Switched Inertial Neural Networks With Time-Varying Delays: A Persistent Dwell-Time Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2994-3004.	5.9	16
36	Sliding mode control of persistent dwell-time switched systems with random data dropouts. Applied Mathematics and Computation, 2021, 400, 126087.	1.4	16

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37	Codingâ€‘decodingâ€‘based sliding mode control for networked persistent dwellâ€‘time switched systems. International Journal of Robust and Nonlinear Control, 2021, 31, 6055-6068.	2.1	15
38	Finiteâ€‘time energyâ€‘toâ€‘peak quantized filtering for Markov jump networked systems under weighted tryâ€‘onceâ€‘discard protocol. International Journal of Robust and Nonlinear Control, 2021, 31, 4951-4964.	2.1	14
39	Dynamic Anti-Windup Control Design for Markovian Jump Delayed Systems with Input Saturation. Circuits, Systems, and Signal Processing, 2013, 32, 2213-2229.	1.2	13
40	Dissolved Oxygen Model Predictive Control for Activated Sludge Process Model Based on the Fuzzy C-means Cluster Algorithm. International Journal of Control, Automation and Systems, 2020, 18, 2435-2444.	1.6	13
41	Dynamic Event-Triggered Hâˆž Load Frequency Control for Multi-Area Power Systems Subject to Hybrid Cyber Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7787-7798.	5.9	13
42	Distributed H_{∞} state estimation for switched sensor networks with packet dropouts via persistent dwell-time switching mechanism. Information Sciences, 2021, 563, 256-268.	1.9	12
43	fuzzy state estimation for delayed genetic regulatory networks with random gain fluctuations and reaction-diffusion. Journal of the Franklin Institute, 2021, 358, 8694-8714.	1.9	12
44	sliding mode control for PDT-switched nonlinear systems under the dynamic event-triggered mechanism. Applied Mathematics and Computation, 2022, 412, 126474.	1.4	12
45	Static output feedback secure synchronization control for Markov jump neural networks under hybrid cyber-attacks. Applied Mathematics and Computation, 2022, 430, 127274.	1.4	12
46	Extended dissipative filtering for Markov jump BAM inertial neural networks under weighted try-once-discard protocol. Journal of the Franklin Institute, 2021, 358, 4103-4117.	1.9	11
47	Bipartite Synchronization of Double-Layer Markov Switched Cooperation-Competition Neural Networks: A Distributed Dynamic Event-Triggered Mechanism. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 278-289.	7.2	10
48	Observer-based H_{∞} control for persistent dwell-time switched networked nonlinear systems under packet dropout. Applied Mathematics and Computation, 2022, 415, 126679.	1.4	10
49	Finite-Time H_{∞} State Estimation for PDT-Switched Genetic Regulatory Networks with Randomly Occurring Uncertainties. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, PP, 1-1.	1.9	8
50	Robust Composite H_{∞} Synchronization of Markov Jump Reactionâ€‘Diffusion Neural Networks via a Disturbance Observer-Based Method. IEEE Transactions on Cybernetics, 2022, 52, 12712-12721.	6.2	8
51	synchronization of persistent dwell-time switched neural networks based on an observer-based sliding mode scheme. Nonlinear Analysis: Hybrid Systems, 2021, 41, 101046.	1.4	8
52	Non-fragile extended dissipative synchronization of Markov jump inertial neural networks: An event-triggered control strategy. Neurocomputing, 2021, 460, 399-408.	3.5	8
53	Finite-time energy-to-peak fuzzy filtering for persistent dwell-time switched nonlinear systems with unreliable links. Information Sciences, 2021, 579, 293-309.	4.0	8
54	H_{∞} Fuzzy Dynamic Output Feedback Reliable Control for Markov Jump Nonlinear Systems With PDT Switched Transition Probabilities and Its Application. IEEE Transactions on Fuzzy Systems, 2022, 30, 3113-3124.	6.5	7

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55	Anti-disturbance synchronization of fuzzy genetic regulatory networks with reaction-diffusion. Journal of the Franklin Institute, 2022, 359, 3733-3748.	1.9	7
56	Adaptive sliding mode control for persistent dwell-time switched nonlinear systems with matched/mismatched uncertainties and its application. Journal of the Franklin Institute, 2022, 359, 967-980.	1.9	6
57	Asynchronous H_{∞} Filtering for Discrete-Time Fuzzy Markov Jump Neural Networks with Unreliable Communication Links. Neural Processing Letters, 2020, 52, 2069-2088.	2.0	5
58	Discrete Dynamics-Based Parameter Analysis and Optimization of Fuzzy Controller for Inverted Pendulum Systems Based on Chaos Algorithm. Discrete Dynamics in Nature and Society, 2020, 2020, 1-8.	0.5	5
59	Novel stability analysis of delayed LFC power systems by infinite-series-based integral inequality. , 2017, , .		4
60	Generalized dissipative state estimation for discrete-time nonhomogeneous semi-Markov jump nonlinear systems. Journal of the Franklin Institute, 2022, 359, 1689-1705.	1.9	4
61	H_{∞} Synchronization of Fuzzy Neural Networks Based on a Dynamic Event-triggered Sliding Mode Control Method. International Journal of Control, Automation and Systems, 2022, 20, 1882-1890.	1.6	4
62	Fuzzy multi-objective fault-tolerant control for nonlinear Markov jump singularly perturbed systems with persistent dwell-time switched transition probabilities. Fuzzy Sets and Systems, 2023, 452, 131-148.	1.6	3
63	Extended dissipative filtering for singularly perturbed systems with random uncertain measurement: A double-layer switching mechanism. Applied Mathematics and Computation, 2021, 410, 126465.	1.4	1
64	Passivity Analysis of Markov Jumping Delayed Reaction-Diffusion Neural Networks under Different Boundary Conditions. Discrete Dynamics in Nature and Society, 2020, 2020, 1-12.	0.5	0
65	Reliable output feedback control for persistent dwell-time switched piecewise-affine systems against deception attacks. Applied Mathematics and Computation, 2022, 426, 127121.	1.4	0
66	Stabilization of Discrete-Time Semi-Markov Jump Singularly Perturbed Systems Subject to Actuator Saturation and Partially Known Semi-Markov Kernel Information. Journal of the Franklin Institute, 2022, , .	1.9	0