

Jianwei Xia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4947974/publications.pdf>

Version: 2024-02-01

220
papers

6,124
citations

76196

40
h-index

95083

68
g-index

220
all docs

220
docs citations

220
times ranked

2286
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	Finite-Time Adaptive Fuzzy Control for Nonlinear Systems With Full State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1541-1548.	5.9	203
3	Adaptive Fuzzy Control With High-Order Barrier Lyapunov Functions for High-Order Uncertain Nonlinear Systems With Full-State Constraints. IEEE Transactions on Cybernetics, 2020, 50, 3424-3432.	6.2	203
4	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
5	Adaptive Fuzzy Tracking Control of Flexible-Joint Robots With Full-State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2201-2209.	5.9	155
6	Non-fragile finite-time extended dissipative control for a class of uncertain discrete time switched linear systems. Journal of the Franklin Institute, 2018, 355, 3031-3049.	1.9	131
7	Finite-Time Command Filtered Event-Triggered Adaptive Fuzzy Tracking Control for Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1815-1825.	6.5	125
8	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
9	Fault-tolerant leader-following consensus for multi-agent systems subject to semi-Markov switching topologies: An event-triggered control scheme. Nonlinear Analysis: Hybrid Systems, 2019, 34, 92-107.	2.1	119
10	Adaptive Tracking Control of Wheeled Inverted Pendulums With Periodic Disturbances. IEEE Transactions on Cybernetics, 2020, 50, 1867-1876.	6.2	112
11	Adaptive Backstepping Hybrid Fuzzy Sliding Mode Control for Uncertain Fractional-Order Nonlinear Systems Based on Finite-Time Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1559-1569.	5.9	107
12	Admissibility and stabilization of stochastic singular Markovian jump systems with time delays. Systems and Control Letters, 2018, 114, 1-10.	1.3	103
13	Extended dissipative analysis of generalized Markovian switching neural networks with two delay components. Neurocomputing, 2017, 260, 275-283.	3.5	102
14	Aperiodically Intermittent Control for Quasi-Synchronization of Delayed Memristive Neural Networks: An Interval Matrix and Matrix Measure Combined Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2254-2265.	5.9	101
15	Extended dissipative synchronization for semi-Markov jump complex dynamic networks via memory sampled-data control scheme. Journal of the Franklin Institute, 2020, 357, 10900-10920.	1.9	99
16	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
17	Delay-dependent stability and dissipativity analysis of generalized neural networks with Markovian jump parameters and two delay components. Journal of the Franklin Institute, 2016, 353, 2137-2158.	1.9	93
18	Delay-dependent \mathcal{H}_∞ filter design for stochastic time-delay systems. Systems and Control Letters, 2007, 56, 579-587.	1.3	91

#	ARTICLE	IF	CITATIONS
19	HMM-Based Asynchronous \hat{z} Filtering for Fuzzy Singular Markovian Switching Systems With Retarded Time-Varying Delays. IEEE Transactions on Cybernetics, 2021, 51, 1189-1203.	6.2	89
20	Finite-time tracking control for stochastic nonlinear systems with full state constraints. Applied Mathematics and Computation, 2018, 338, 207-220.	1.4	87
21	Command Filter-Based Adaptive Fuzzy Control for Nonlinear Systems With Unknown Control Directions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-9.	5.9	83
22	Dissipativity-Based Sampled-Data Control for Fuzzy Switched Markovian Jump Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1325-1339.	6.5	83
23	Event-triggered passive synchronization for Markov jump neural networks subject to randomly occurring gain variations. Neurocomputing, 2019, 331, 403-411.	3.5	80
24	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
25	Finite-time non-fragile \hat{z} 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
26	Resilient fault-tolerant anti-synchronization for stochastic delayed reaction-diffusion neural networks with semi-Markov jump parameters. Neural Networks, 2020, 125, 194-204.	3.3	69
27	Novel Adaptive Fuzzy Control for Output Constrained Stochastic Nonstrict Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1188-1197.	6.5	69
28	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
29	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
30	Asynchronous dissipative filtering for nonlinear jumping systems subject to fading channels. Journal of the Franklin Institute, 2020, 357, 589-605.	1.9	56
31	Non-fragile delay feedback control for neutral stochastic Markovian jump systems with time-varying delays. Applied Mathematics and Computation, 2019, 355, 21-32.	1.4	55
32	Unified filters design for singular Markovian jump systems with time-varying delays. Journal of the Franklin Institute, 2016, 353, 3739-3768.	1.9	54
33	Improved delay-dependent stabilization for a class of networked control systems with nonlinear perturbations and two delay components. Applied Mathematics and Computation, 2018, 316, 1-17.	1.4	52
34	Adaptive Fuzzy Event-Triggered Control for High-Order Nonlinear Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2022, 52, 2885-2895.	6.2	47
35	Observer-Based Event-Triggered Adaptive Fuzzy Control for Unmeasured Stochastic Nonlinear Systems With Unknown Control Directions. IEEE Transactions on Cybernetics, 2022, 52, 10655-10666.	6.2	46
36	Dissipativity-based sampled-data control for fuzzy Markovian jump systems. Applied Mathematics and Computation, 2019, 361, 552-564.	1.4	45

#	ARTICLE	IF	CITATIONS
37	Asynchronous Feedback Control for Delayed Fuzzy Degenerate Jump Systems Under Observer-Based Event-Driven Characteristic. IEEE Transactions on Fuzzy Systems, 2021, 29, 3754-3768.	6.5	45
38	Passivity-based state synchronization for semi-Markov jump coupled chaotic neural networks with randomly occurring time delays. Applied Mathematics and Computation, 2019, 361, 32-41.	1.4	43
39	Sampled-Data Synchronization of Stochastic Markovian Jump Neural Networks With Time-Varying Delay. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3829-3841.	7.2	43
40	Asynchronous dissipative filtering for Markov jump discrete-time systems subject to randomly occurring distributed delays. Journal of the Franklin Institute, 2019, 356, 2395-2420.	1.9	42
41	Improved Delay-dependent Robust Stability Analysis for Neutral-type Uncertain Neural Networks with Markovian jumping Parameters and Time-varying Delays. Neurocomputing, 2015, 149, 1198-1205.	3.5	41
42	Nonfragile Finite-Time Extended Dissipative Control for a Class of Uncertain Switched Neutral Systems. Complexity, 2017, 2017, 1-22.	0.9	41
43	Mean Square Exponential Stability Analysis for It \hat{A} ' Stochastic Systems With Aperiodic Sampling and Multiple Time-Delays. IEEE Transactions on Automatic Control, 2022, 67, 2473-2480.	3.6	41
44	Adaptive Fuzzy Event-Triggered Control for Single-Link Flexible-Joint Robots With Actuator Failures. IEEE Transactions on Cybernetics, 2022, 52, 7231-7241.	6.2	41
45	state estimation for switched genetic regulatory networks subject to packet dropouts: A persistent threshold-function-dependent quasi-synchronization of delayed memristive neural networks via hybrid event-triggered control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6712-6722.	1.4	40
46	Threshold-Function-Dependent Quasi-Synchronization of Delayed Memristive Neural Networks via Hybrid Event-Triggered Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6712-6722.	5.9	40
47	Admissibility analysis and stabilization for neutral descriptor hybrid systems with time-varying delays. Nonlinear Analysis: Hybrid Systems, 2019, 33, 311-321.	2.1	38
48	Reachable set estimation for Markov jump LPV systems with time delays. Applied Mathematics and Computation, 2020, 376, 125117.	1.4	38
49	New robust H_{∞} control for uncertain stochastic Markovian jumping systems with mixed delays based on decoupling method. Journal of the Franklin Institute, 2012, 349, 741-769.	1.9	37
50	Asynchronous H_{∞} filtering for nonlinear persistent dwell-time switched singular systems with measurement quantization. Applied Mathematics and Computation, 2019, 362, 124578.	1.4	37
51	Admissibilization for Implicit Jump Systems With Mixed Retarded Delays Based on Reciprocally Convex Integral Inequality and Barbalat's Lemma. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6808-6818.	5.9	37
52	H_{∞} mode-dependent fault detection filter design for stochastic Markovian jump systems with time-varying delays and parameter uncertainties. ISA Transactions, 2014, 53, 1024-1034.	3.1	36
53	Non-fragile extended dissipativity-based state feedback control for 2-D Markov jump delayed systems. Applied Mathematics and Computation, 2019, 362, 124571.	1.4	36
54	Adaptive fuzzy asymptotically tracking control of full state constrained nonlinear system based on a novel Nussbaum-type function. Journal of the Franklin Institute, 2019, 356, 1810-1827.	1.9	36

#	ARTICLE	IF	CITATIONS
55	Adaptive event-triggered global fast finite-time control for a class of uncertain nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 3773-3785.	2.1	36
56	H_2 gain analysis and state feedback stabilization of switched systems with multiple additive time-varying delays. <i>Journal of the Franklin Institute</i> , 2017, 354, 7326-7345.	1.9	34
57	Robust sampled-data control for Itô stochastic Markovian jump systems with state delay. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 4345-4366.	2.1	34
58	Generalised state estimation of Markov jump neural networks based on the Bessel-Legendre inequality. <i>IET Control Theory and Applications</i> , 2019, 13, 1284-1290.	1.2	34
59	Robust distributed state estimation for Markov coupled neural networks under imperfect measurements. <i>Journal of the Franklin Institute</i> , 2020, 357, 2420-2436.	1.9	34
60	Command Filter-Based Adaptive Prescribed Performance Tracking Control for Stochastic Uncertain Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6555-6563.	5.9	34
61	Estimation of Domain of Attraction for Aperiodic Sampled-Data Switched Delayed Neural Networks Subject to Actuator Saturation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 1489-1503.	7.2	33
62	Passive state estimation for fuzzy jumping neural networks with fading channels based on the hidden Markov model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 535, 122437.	1.2	32
63	Design of a fault-tolerant output-feedback controller for thickness control in cold rolling mills. <i>Applied Mathematics and Computation</i> , 2020, 369, 124841.	1.4	32
64	Event-triggered adaptive fuzzy tracking control for stochastic nonlinear systems. <i>Journal of the Franklin Institute</i> , 2020, 357, 9505-9522.	1.9	32
65	tracking of uncertain stochastic time-delay systems: Memory state-feedback controller design. <i>Applied Mathematics and Computation</i> , 2014, 249, 356-370.	1.4	32
66	Command filter-based finite-time adaptive fuzzy control for nonlinear systems with uncertain disturbance. <i>Journal of the Franklin Institute</i> , 2019, 356, 11270-11284.	1.9	31
67	Robust normalisation and H_∞ state feedback control for uncertain singular Markovian jump systems with time-varying delays. <i>IET Control Theory and Applications</i> , 2018, 12, 419-427.	1.2	30
68	Interval matrix method based synchronization criteria for fractional-order memristive neural networks with multiple time-varying delays. <i>Journal of the Franklin Institute</i> , 2020, 357, 1707-1733.	1.9	30
69	On dissipativity-based filtering for discrete-time switched singular systems with sensor failures: a persistent dwell-time scheme. <i>IET Control Theory and Applications</i> , 2019, 13, 1814-1822.	1.2	30
70	Improved passivity analysis for neural networks with Markovian jumping parameters and interval time-varying delays. <i>Neurocomputing</i> , 2015, 155, 253-260.	3.5	28
71	Sliding mode control for uncertain active vehicle suspension systems: an event-triggered H_∞ control scheme. <i>Nonlinear Dynamics</i> , 2021, 103, 3209-3221.	2.7	28
72	Passive gain-scheduling filtering for jumping linear parameter varying systems with fading channels based on the hidden Markov model. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2019, 233, 67-79.	0.7	27

#	ARTICLE	IF	CITATIONS
73	Adaptive sliding mode output tracking control based-FODOB for a class of uncertain fractional-order nonlinear time-delayed systems. Science China Technological Sciences, 2020, 63, 1854-1862.	2.0	25
74	Event-Triggered Adaptive Fuzzy Tracking Control for Nonlinear Systems. International Journal of Fuzzy Systems, 2020, 22, 1389-1399.	2.3	24
75	Robust Sampled-Data Control for Switched Complex Dynamical Networks With Actuators Saturation. IEEE Transactions on Cybernetics, 2022, 52, 10909-10923.	6.2	24
76	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
77	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
78	Delay-difference-dependent robust exponential stability for uncertain stochastic neural networks with multiple delays. Neurocomputing, 2014, 140, 210-218.	3.5	23
79	Reachable set estimation for switched positive systems with mixed time-varying delays and bounded disturbances. IET Control Theory and Applications, 2018, 12, 2003-2009.	1.2	23
80	Extended dissipative analysis and synthesis for network control systems with an event-triggered scheme. Neurocomputing, 2018, 312, 34-40.	3.5	23
81	Command filter-based event-triggered adaptive neural network control for uncertain nonlinear time-delay systems. International Journal of Robust and Nonlinear Control, 2020, 30, 6363-6382.	2.1	23
82	Nonfragile Fuzzy Control for Nonlinear Fast Sampling Singularly Perturbed Systems Subject to Markov Jumping Parameters. IEEE Transactions on Fuzzy Systems, 2021, 29, 1953-1966.	6.5	23
83	Neural-based adaptive control for nonlinear systems with quantized input and the output constraint. Applied Mathematics and Computation, 2022, 413, 126637.	1.4	22
84	A novel approach to L1 filter design for asynchronously switched positive linear systems with dwell time. International Journal of Robust and Nonlinear Control, 2019, 29, 5957-5978.	2.1	21
85	Extended non-fragile dissipative estimation for nonlinear semi-Markov jump systems. Journal of the Franklin Institute, 2020, 357, 457-472.	1.9	21
86	Event-triggered feedback control for delayed singular jump systems based on sampled observer and exponential detector. International Journal of Robust and Nonlinear Control, 2021, 31, 7298-7316.	2.1	20
87	Asynchronous admissibility and fault detection for delayed implicit Markovian switching systems under hidden Markovian model mechanism. International Journal of Robust and Nonlinear Control, 2021, 31, 7261-7279.	2.1	20
88	Aperiodic sampled-data controller design for switched Itô stochastic Markovian jump systems. Systems and Control Letters, 2021, 157, 105031.	1.3	19
89	State feedback control for stochastic Markovian jump delay systems based on LaSalle-type theorem. Journal of the Franklin Institute, 2018, 355, 2179-2196.	1.9	18
90	Non-fragile mixed passive and H_{∞} state estimation for singularly perturbed neural networks with semi-Markov jumping parameters. Journal of the Franklin Institute, 2020, 357, 6352-6369.	1.9	18

#	ARTICLE	IF	CITATIONS
91	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
92	Reliable consensus control for semi-Markov jump multi-agent systems: A leader-following strategy. Journal of the Franklin Institute, 2019, 356, 3612-3627.	1.9	17
93	Robust $\hat{\alpha}$ tracking control for uncertain Markovian jumping systems with interval time-varying delay. Complexity, 2015, 21, 355-366.	0.9	16
94	Global Mittag-Leffler synchronization of delayed fractional-order memristive neural networks. Advances in Difference Equations, 2018, 2018, .	3.5	16
95	With moment regional stability/stabilization and generalized pole assignment of linear stochastic systems: Based on the generalized representation method. International Journal of Robust and Nonlinear Control, 2020, 30, 3234-3249.	2.1	16
96	HMM-based $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.svg" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="bold-script"} \rangle H \langle \text{mml:mi} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ state estimation for memristive jumping neural networks subject to fading channel. Neurocomputing, 2020, 393, 66-75.	3.5	16
97	Interval stability and interval stabilization of linear stochastic systems with time-varying delay. International Journal of Robust and Nonlinear Control, 2021, 31, 2334-2347.	2.1	16
98	Delay-segment-dependent robust stability for uncertain discrete stochastic Markovian jumping systems with interval time delay. International Journal of Systems Science, 2014, 45, 271-282.	3.7	15
99	Normalisation design for delayed singular Markovian jump systems based on system transformation technique. International Journal of Systems Science, 2018, 49, 1603-1614.	3.7	15
100	Extended dissipative learning of time-delay recurrent neural networks. Journal of the Franklin Institute, 2019, 356, 8745-8769.	1.9	15
101	Extended dissipative synchronization for singularly perturbed semi-Markov jump neural networks with randomly occurring uncertainties. Neurocomputing, 2019, 349, 281-289.	3.5	15
102	Coding-decoding based sliding mode control for networked persistent dwell-time switched systems. International Journal of Robust and Nonlinear Control, 2021, 31, 6055-6068.	2.1	15
103	Controllability decomposition of dynamic-algebraic Boolean control networks. International Journal of Control, 2020, 93, 1684-1695.	1.2	14
104	Discontinuous Event-Triggered Control for Local Stabilization of Memristive Neural Networks With Actuator Saturation: Discrete- and Continuous-Time Lyapunov Methods. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1988-2000.	7.2	14
105	Finite-time energy peak quantized filtering for Markov jump networked systems under weighted try-once-discard protocol. International Journal of Robust and Nonlinear Control, 2021, 31, 4951-4964.	2.1	14
106	Robust Finite-time Extended Dissipative Control for a Class of Uncertain Switched Delay Systems. International Journal of Control, Automation and Systems, 2018, 16, 1459-1468.	1.6	13
107	Couple-group L2-L $\hat{\alpha}$ Consensus of Nonlinear Multi-agent Systems with Markovian Switching Topologies. International Journal of Control, Automation and Systems, 2019, 17, 575-585.	1.6	13
108	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

#	ARTICLE	IF	CITATIONS
109	Event-Triggered Adaptive Fuzzy Tracking Control for Nonlinear Systems With Unknown Control Directions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 4648-4657.	5.9	13
110	Nonfragile H_∞ output tracking control for uncertain singular Markovian jump delay systems with network-induced delays and data packet dropouts. <i>Complexity</i> , 2016, 21, 396-411.	0.9	12
111	Robust Stochastic Stability and Control for Uncertain Singular Markovian Jump Systems with Multiplicative Noise. <i>Asian Journal of Control</i> , 2017, 19, 1891-1904.	1.9	12
112	Robust H_∞ filtering for polytopic uncertain stochastic systems under quantized sampled outputs. <i>Applied Mathematics and Computation</i> , 2019, 347, 688-701.	1.4	12
113	Generalized synchronization for coupled Markovian neural networks subject to randomly occurring parameter uncertainties. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 540, 123070.	1.2	12
114	Quantized Control for Synchronization of Delayed Fractional-Order Memristive Neural Networks. <i>Neural Processing Letters</i> , 2020, 52, 403-419.	2.0	12
115	Event-triggered Extended Dissipative Control for Networked Singular Systems. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 382-391.	1.6	12
116	Observer-based adaptive event-triggered tracking control for nonlinear MIMO systems based on neural networks technique. <i>Neurocomputing</i> , 2021, 433, 71-82.	3.5	12
117	Distributed H_∞ state estimation for switched sensor networks with packet dropouts via persistent dwell-time switching mechanism. <i>Information Sciences</i> , 2021, 563, 256-268.	1.2	12
118	H_∞ Estimation for Markovian Jump Neural Networks With Quantization, Transmission Delay and Packet Dropout. <i>Neural Processing Letters</i> , 2016, 44, 317-341.	2.0	11
119	Enhanced Global Asymptotic Stabilization Criteria for Delayed Fractional Complex-valued Neural Networks with Parameter Uncertainty. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 880-895.	1.6	11
120	Normalization and stabilization of neutral descriptor hybrid systems based on P-D feedback control. <i>Journal of the Franklin Institute</i> , 2020, 357, 1070-1089.	1.9	11
121	New Stability Conditions for Switched Linear Systems: A Reverse-Timer-Dependent Multiple Discontinuous Lyapunov Function Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6564-6575.	5.9	11
122	Passivity-based stochastic sampled-data control of Markovian jump systems via looped-functional approach. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 5665-5679.	2.1	11
123	H_∞ dynamic output feedback control for time-varying delay singular Markovian jump systems based on variable elimination technique. <i>Nonlinear Dynamics</i> , 2022, 108, 239-249.	2.7	11
124	Design of robust nonfragile H_∞ filters for uncertain neutral stochastic systems with distributed delays. <i>Asian Journal of Control</i> , 2010, 12, 39-45.	1.9	10
125	Multiple-interval-dependent robust stability analysis for uncertain stochastic neural networks with mixed delays. <i>Complexity</i> , 2015, 21, 147-162.	0.9	10
126	Adaptive Tracking Control for Mobile Manipulators with Stochastic Disturbances. <i>Journal of Systems Science and Complexity</i> , 2019, 32, 1393-1403.	1.6	10

#	ARTICLE	IF	CITATIONS
127	Reachable set estimation and aperiodic sampled-data controller design for Markovian jump systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 8442-8462.	2.1	10
128	Novel Adaptive Event-Triggered Fuzzy Command Filter Control for Slowly Switched Nonlinear Systems With Constraints. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 5755-5766.	6.2	10
129	Robust H^∞ Control for Stochastic Time-Delay Systems with Markovian Jump Parameters via \mathcal{A} -Parameter-Dependent Lyapunov Functionals. <i>Circuits, Systems, and Signal Processing</i> , 2008, 27, 331-349.	1.2	9
130	New Delay-Interval-Dependent Exponential Stability for Stochastic Neural Networks with Interval Time-Varying Delay and Distributed Delay. <i>Circuits, Systems, and Signal Processing</i> , 2012, 31, 1535-1557.	1.2	9
131	Dissipativity-Based Non-fragile Sampled-Data Control for Fuzzy Markovian Jump Systems. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1709-1723.	2.3	9
132	Input-output decoupling for mix-valued logical control networks via the semi-tensor product method. <i>International Journal of Control</i> , 2021, 94, 2419-2427.	1.2	9
133	p th moment \mathcal{D} -stability/stabilization of linear discrete-time stochastic systems. <i>Science China Information Sciences</i> , 2022, 65, 1.	2.7	9
134	Disturbance Observer-Based Adaptive Neural Network Output Feedback Control for Uncertain Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 7260-7270.	7.2	9
135	Asynchronous H^∞ Dynamic Output Feedback Control for Markovian Jump Neural Networks with Time-varying Delays. <i>International Journal of Control, Automation and Systems</i> , 2022, 20, 909-923.	1.6	9
136	Asynchronous Sampled-Data Controller Design for Switched Markov Jump Systems and Its Applications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 934-946.	5.9	9
137	Multiobjective Optimization Control for Uncertain Nonlinear Stochastic System with State-Delay. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 72-83.	2.3	8
138	p th Moment Asymptotic Stability/Stabilization and p th Moment Observability of Linear Stochastic Systems: Generalized \mathcal{A} -Representation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1078-1086.	5.9	8
139	Event-triggered Finite-time Extended Dissipative Control for a Class of Switched Nonlinear Systems via the T-S Fuzzy Model. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 2798-2807.	1.6	8
140	Extended dissipativity-based non-fragile sampled-data control of fuzzy Markovian jump systems with incomplete transition rates. <i>Applied Mathematics and Computation</i> , 2020, 380, 125258.	1.4	8
141	Event-triggered control design for networked evolutionary games with time invariant delay in strategies. <i>International Journal of Systems Science</i> , 2021, 52, 493-504.	3.7	8
142	H^∞ synchronization of persistent dwell-time switched neural networks based on an observer-based sliding mode scheme. <i>Nonlinear Analysis: Hybrid Systems</i> , 2021, 41, 101046.	1.1	8
143	Adaptive neural networks control for MIMO nonlinear systems with unmeasured states and unmodeled dynamics. <i>Applied Mathematics and Computation</i> , 2021, 408, 126369.	1.4	8
144	Finite-time energy-to-peak fuzzy filtering for persistent dwell-time switched nonlinear systems with unreliable links. <i>Information Sciences</i> , 2021, 579, 293-309.	4.0	8

#	ARTICLE	IF	CITATIONS
145	Robust dynamic output feedback stabilization for uncertain singular Markovian jump systems with time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 3890-3908.	2.1	8
146	Asynchronous H_∞ Filtering for Singular Markov Jump Neural Networks with Mode-Dependent Time-Varying Delays. <i>Neural Processing Letters</i> , 2022, 54, 5439-5456.	2.0	8
147	Enhanced Local Stabilization of Constrained N-TS Fuzzy Systems With Lighter Computational Burden. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 1064-1070.	6.5	8
148	Robust reliable H_∞ control for nonlinear uncertain stochastic time-delay systems with Markovian jumping parameters. <i>Journal of Control Theory and Applications</i> , 2008, 6, 410-414.	0.8	7
149	Dissipativity Analysis of Switched Gene Regulatory Networks Actuated by Persistent Dwell-Time Switching Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5535-5546.	5.9	7
150	Non-fragile H_∞ synchronization for switched inertial neural networks with random gain fluctuations: A persistent dwell-time switching law. <i>Neurocomputing</i> , 2020, 403, 193-202.		
151	HMM-based filtering for slow-sampling singularly perturbed jumping systems. <i>IET Control Theory and Applications</i> , 2020, 14, 1797-1805.	1.2	7
152	Sampled-data control for semi-Markovian jump systems with actuator saturation via fuzzy model approach. <i>IET Control Theory and Applications</i> , 2020, 14, 1888-1897.	1.2	7
153	On robust set stability and set stabilization of probabilistic Boolean control networks. <i>Applied Mathematics and Computation</i> , 2022, 422, 126992.	1.4	7
154	Improved delay-dependent stability analysis for linear time-delay systems: Based on homogeneous polynomial Lyapunov-Krasovskii functional method. <i>Neurocomputing</i> , 2016, 193, 176-180.	3.5	6
155	Sampled-Data Control for Fuzzy Markovian Jump Systems With Actuator Saturation. <i>IEEE Access</i> , 2019, 7, 180417-180427.	2.6	6
156	Sampled-data exponential stabilization of switched nonlinear delayed systems with asynchronous switching. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 7326-7340.	2.1	6
157	Exponential Stabilization of Delayed Complex-valued Neural Networks with Aperiodic Sampling: A Free-matrix-based Time-dependent Lyapunov Functional Method. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 1894-1903.	1.6	6
158	Aperiodic sampled-data controller design for stochastic Markovian jump systems and its application. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 6721-6739.	2.1	6
159	Finite-time Event-triggered Extended Dissipative Control for a Class of Switched Linear Systems. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 2687-2696.	1.6	6
160	Generalized non-fragile asynchronous mixed H_∞ and passive output tracking control for neutral Markov jump systems. <i>Nonlinear Dynamics</i> , 2021, 106, 523-541.	2.7	6
161	Robust interval stability/stabilization and H_∞ feedback control for uncertain stochastic Markovian jump systems based on the linear operator. <i>Science China Information Sciences</i> , 2022, 65, 1.	2.7	6
162	Sampled-data exponential synchronization of Markovian jump chaotic Lur'e systems with multiple time delays. <i>Chaos, Solitons and Fractals</i> , 2022, 160, 112252.	2.5	6

#	ARTICLE	IF	CITATIONS
163	Non-fragile extended dissipative control for event-triggered networked stochastic systems. <i>International Journal of Systems Science</i> , 2020, 51, 746-758.	3.7	5
164	Discrete Dynamics-Based Parameter Analysis and Optimization of Fuzzy Controller for Inverted Pendulum Systems Based on Chaos Algorithm. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-8.	0.5	5
165	Adaptive fuzzy control for non-strict-feedback stochastic uncertain nonlinear systems based on event-triggered strategy. <i>IET Control Theory and Applications</i> , 2021, 15, 1018-1027.	1.2	5
166	Adaptive event-triggered control for MIMO nonlinear systems with asymmetric state constraints based on unified barrier functions. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 9397-9415.	2.1	5
167	Adaptive fuzzy tracking control for nonstrict-feedback switched stochastic nonlinear systems with nonsymmetric dead-zone input: a MDADT switching approach. <i>Nonlinear Dynamics</i> , 0, , 1.	2.7	5
168	Observer-based decentralized adaptive control for large-scale nonlinear systems with mixed dynamic interaction. <i>Journal of the Franklin Institute</i> , 2022, 359, 392-414.	1.9	5
169	Hybrid-triggered control for fuzzy Markov jump systems under input saturation. <i>Nonlinear Dynamics</i> , 2022, 108, 1409-1423.	2.7	5
170	Accurate stabilization for linear stochastic systems based on region pole assignment and its applications. <i>Systems and Control Letters</i> , 2022, 165, 105263.	1.3	5
171	Multi-Instant Gain-Scheduling Fuzzy Observer of Discrete-Time Takagi-Sugeno Systems and Its Application: An Efficient Balanced Matrix Approach. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 5767-5776.	6.2	5
172	Intelligent Control of Performance Constrained Switched Nonlinear Systems With Random Noises and Its Application: An Event-Driven Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 3736-3747.	3.5	5
173	New delay-dependent global robust passivity analysis for stochastic neural networks with Markovian jumping parameters and interval time-varying delays. <i>Complexity</i> , 2016, 21, 167-179.	0.9	4
174	Stability and Hopf Bifurcation of Fractional-Order Complex-Valued Neural Networks With Time-Delay. <i>IEEE Access</i> , 2019, 7, 158798-158807.	2.6	4
175	Observer-based finite-time bounded analysis for switched inertial recurrent neural networks under the PDT switching law. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 538, 122699.	1.2	4
176	Dissipativity-based sampled-data control of fuzzy Markovian jump systems with incomplete transition rates. <i>Journal of the Franklin Institute</i> , 2020, 357, 7638-7657.	1.9	4
177	Adaptive Fuzzy Tracking Control for Stochastic Nonlinear Systems with Nonstrict-Feedback and Dead Zone. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 2324-2334.	2.3	4
178	Stabilisation and set stabilisation of periodic switched Boolean control networks. <i>International Journal of Control</i> , 2023, 96, 699-710.	1.2	4
179	Gain-Scheduling Fault Estimation for Discrete-Time Takagi-Sugeno Fuzzy Systems: A Depth Partitioning Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 1693-1703.	3.5	4
180	L_2 -Filter Design With Adjustable Convergence Rate for Linear Stochastic Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 6630-6638.	5.9	4

#	ARTICLE	IF	CITATIONS
181	Neural Network-based Event-triggered Adaptive Asymptotic Tracking Control for Switched Nonlinear Systems. International Journal of Control, Automation and Systems, 0, , .	1.6	4
182	Filtering-Based Fault Detection for Stochastic Markovian Jump System with Distributed Time-Varying Delays and Mixed Modes. Journal of Applied Mathematics, 2012, 2012, 1-22.	0.4	3
183	Extended H_{∞} Synchronization Control for Switched Neural Networks with Multi Quantization Densities Based on a Persistent Dwell-Time Approach. Neural Processing Letters, 2019, 50, 2821-2841.	2.0	3
184	Sampled-data Based Dissipativity Control of T-S Fuzzy Markovian Jump Systems under Actuator Saturation with Incomplete Transition Rates. International Journal of Control, Automation and Systems, 2021, 19, 632-645.	1.6	3
185	Asynchronous Filtering for Delayed Fuzzy Jump Systems Subject to Mixed Passivity and H_{∞} Performance. International Journal of Fuzzy Systems, 2021, 23, 1396-1413.	2.3	3
186	Quantized control for extended dissipative synchronization of chaotic neural networks: A discretized LKF method. ISA Transactions, 2022, 125, 1-9.	3.1	3
187	Multi-Instant Observer Design of Discrete-Time Fuzzy Systems via An Enhanced Gain-Scheduling Mechanism. IEEE Transactions on Cybernetics, 2023, 53, 2876-2885.	6.2	3
188	Mode-dependent H_{∞} Filtering for Time-varying Delays Neutral Jump Systems Based on FWM Technique. International Journal of Control, Automation and Systems, 2021, 19, 2092-2104.	1.6	2
189	Observer-based Non-fragile Mixed Passivity and H_{∞} Feedback Control for Fuzzy Stochastic Jump System Subject to Quantized Measurements. International Journal of Control, Automation and Systems, 2021, 19, 3136-3149.	1.6	2
190	Adaptive Neural Network Control of Nonlinear MIMO Systems with Unmeasured States and Unknown Control Coefficients. , 2021, , .		2
191	Asynchronous Dynamic Output Feedback Control for Delayed Fuzzy Stochastic Markov Jump Systems Based on HMM Strategy. International Journal of Fuzzy Systems, 2022, 24, 2302-2317.	2.3	2
192	Finite-Time Input/Output-to-State Stability of Impulsive Switched Nonlinear Time-Delay Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3585-3589.	2.2	2
193	Relaxed Observer Design of Discrete-Time Takagi-Sugeno Fuzzy Systems Based on a Lightweight Gain-Scheduling Law. IEEE Transactions on Fuzzy Systems, 2022, 30, 5544-5550.	6.5	2
194	H_{∞} control for discrete stochastic fuzzy systems with time-delay. , 2008, , .		1
195	Delay-Dependent Robust Exponential Stability and H_{∞} Analysis for a Class of Uncertain Markovian Jumping System with Multiple Delays. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.3	1
196	Adaptive control for mobile manipulators with affine constraints. , 2016, , .		1
197	Disturbance-observer-based Control and H_{∞} Control for Semi-Markovian Jump Nonlinear Systems. , 2018, , .		1
198	Fault-tolerant output-feedback stabilization for complex-valued neural networks with time delay and actuator failures. AIP Advances, 2019, 9, 095106.	0.6	1

#	ARTICLE	IF	CITATIONS
199	Finite-time Command Filtered Based Adaptive Event-triggered Neural Control for Nonlinear Systems. , 2020, , .		1
200	Aperiodic Sampled-data Controller Design of Stochastic Markovian Jump Neural Networks With Time-Varying Delay. , 2020, , .		1
201	Aperiodic Sampled-data Control for Exponential Synchronization of Chaotic Delayed Neural Networks with Exponentially Decaying Gain. International Journal of Control, Automation and Systems, 2020, 18, 2898-2906.	1.6	1
202	Discontinuous event-trigger scheme for global stabilization of state-dependent switching neural networks with communication delay*. Chinese Physics B, 2021, 30, 030202.	0.7	1
203	Improved robust H_{∞} exponential mean square stabilization for uncertain Markov jump delay systems based on memory state feedback control. IET Control Theory and Applications, 2021, 15, 617-634.	1.2	1
204	H_{∞} tracking control for uncertain switched stochastic systems with mixed time-varying delays. International Journal of Robust and Nonlinear Control, 2022, 32, 6068-6085.	2.1	1
205	Regulation Control for Discrete-time Stochastic Nonlinear Active Suspension. International Journal of Control, Automation and Systems, 2022, 20, 888-896.	1.6	1
206	Event-Triggered-Based Distributed Consensus Tracking for Nonlinear Multiagent Systems With Quantization. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1501-1511.	7.2	1
207	Enhanced gain scheduling fault estimation of discrete-time Takagi-Sugeno nonlinear systems: A novel free matrix approach. International Journal of Robust and Nonlinear Control, 0, , .	2.1	1
208	Stability Analysis of Impulsive Switched Nonlinear Systems With Double State-Dependent Delays. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 5014-5018.	2.2	1
209	Delay-dependent exponential stability for a class of stochastic neural networks with distributed delays and polytopic uncertainties. , 2009, , .		0
210	Relaxed exponential stability condition for a class of uncertain time-delay neural networks. , 2009, , .		0
211	Decentralized H_{∞} filtering for interconnected Markovian jump systems with delays. , 2012, , .		0
212	Delay-interval-dependent robust stabilization for uncertain stochastic system with multiple time-delays. , 2014, , .		0
213	Passivity analysis for fuzzy time-delay systems based on fuzzy Lyapunov-Krasovskii functionals. , 2014, , .		0
214	Input-output data filtering based recursive least squares identification algorithm for Hammerstein OEAR models. , 2014, , .		0
215	Extended dissipative analysis of delayed stochastic Markovian jump neural networks. , 2016, , .		0
216	Adaptive control for mobile manipulators with stochastic disturbances. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
217	Spectral perspective on stability and stabilisation of continuous-time mean-field stochastic systems. IET Control Theory and Applications, 2019, 13, 1137-1146.	1.2	0
218	Adaptive Event-triggered Fuzzy Control for DC Motor Servo Systems. , 2021, , .		0
219	Consensus Control for Nonlinear Multiagent Systems with Sensor Faults. Lecture Notes in Electrical Engineering, 2022, , 695-709.	0.3	0
220	Input-output Decoupling of Singular Boolean Control Networks. , 2020, , .		0