

Jianwei Xia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

191
papers

3,605
citations

34
h-index

53
g-index

220
ext. papers

4,890
ext. citations

4
avg, IF

6.65
L-index

#	Paper	IF	Citations
191	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	5	0
190	Multi-Instant Observer Design of Discrete-Time Fuzzy Systems via An Enhanced Gain-Scheduling Mechanism.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	1
189	L_2 - H_{∞} Filter Design With Adjustable Convergence Rate for Linear Stochastic Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-9	7.3	0
188	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	3.4	0
187	On robust set stability and set stabilization of probabilistic Boolean control networks. <i>Applied Mathematics and Computation</i> , 2022 , 422, 126992	2.7	2
186	p th moment (D)-stability/stabilization of linear discrete-time stochastic systems. <i>Science China Information Sciences</i> , 2022 , 65, 1	3.4	4
185	Consensus Control for Nonlinear Multiagent Systems with Sensor Faults. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 695-709	0.2	
184	Neural-based adaptive control for nonlinear systems with quantized input and the output constraint. <i>Applied Mathematics and Computation</i> , 2022 , 413, 126637	2.7	3
183	Hybrid-triggered control for fuzzy Markov jump systems under input saturation. <i>Nonlinear Dynamics</i> , 2022 , 108, 1409-1423	5	3
182	Regulation Control for Discrete-time Stochastic Nonlinear Active Suspension. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 888-896	2.9	1
181	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	2.9	0
180	Finite-Time Input/Output-to-State Stability of Impulsive Switched Nonlinear Time-Delay Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	
179	Accurate stabilization for linear stochastic systems based on region pole assignment and its applications. <i>Systems and Control Letters</i> , 2022 , 165, 105263	2.4	0
178	Novel Adaptive Event-Triggered Fuzzy Command Filter Control for Slowly Switched Nonlinear Systems With Constraints. <i>IEEE Transactions on Cybernetics</i> , 2022 , 1-12	10.2	1
177	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> , 2022 , 1-10	10.2	0
176	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 , 1-12	3.9	0
175	Relaxed Observer Design of Discrete-Time Takagi-Sugeno Fuzzy Systems Based on A Lightweight Gain-Scheduling Law. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	0

174	Improved robust H _∞ exponential mean square stabilization for uncertain Markov jump delay systems based on memory-state feedback control. <i>IET Control Theory and Applications</i> , 2021 , 15, 617-634	2.5	0
173	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> , 2021 , 1-11	3.9	0
172	Observer-based Decentralized Adaptive Control for Large-scale Nonlinear Systems with Mixed Dynamic Interaction. <i>Journal of the Franklin Institute</i> , 2021 , 359, 392-392	4	0
171	Finite-time energy-to-peak quantized filtering for Markov jump networked systems under weighted try-once-discard protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4951-4964	3.6	5
170	Observer-based adaptive event-triggered tracking control for nonlinear MIMO systems based on neural networks technique. <i>Neurocomputing</i> , 2021 , 433, 71-82	5.4	4
169	Coding-decoding-based sliding mode control for networked persistent dwell-time switched systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6055-6068	3.6	9
168	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	3.6	4
167	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	3.6	1
166	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	2.9	0
165	Event-triggered feedback control for delayed singular jump systems based on sampled observer and exponential detector. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7298-7316	3.6	4
164	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	7.7	4
163	Asynchronous admissibility and fault detection for delayed implicit Markovian switching systems under hidden Markovian model mechanism. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7261-7279	3.6	4
162	Observer-based Non-fragile Mixed Passivity and H _∞ Feedback Control for Fuzzy Stochastic Jump System Subject to Quantized Measurements. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 3136-3149	2.9	1
161	HMM-Based Asynchronous H Filtering for Fuzzy Singular Markovian Switching Systems With Retarded Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1189-1203	10.2	34
160	Sliding mode control for uncertain active vehicle suspension systems: an event-triggered (\varvec{H}_{∞}) control scheme. <i>Nonlinear Dynamics</i> , 2021 , 103, 3209-3221	5	14
159	Dissipativity-Based Sampled-Data Control for Fuzzy Switched Markovian Jump Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1325-1339	8.3	51
158	Novel Adaptive Fuzzy Control for Output Constrained Stochastic Nonstrict Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1188-1197	8.3	38
157	Sampled-data Based Dissipativity Control of T-S Fuzzy Markovian Jump Systems under Actuator Saturation with Incomplete Transition Rates. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 632-645	2.9	1

156	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	2.3	3
155	Asynchronous Event-Triggered Sliding Mode Control for Semi-Markov Jump Systems Within a Finite-Time Interval. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 458-468	3.9	33
154	Event-triggered Extended Dissipative Control for Networked Singular Systems. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 382-391	2.9	7
153	Quantized Interval Type-2 Fuzzy Control for Persistent Dwell-Time Switched Nonlinear Systems With Singular Perturbations. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
152	Sampled-Data Synchronization of Stochastic Markovian Jump Neural Networks With Time-Varying Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	9
151	Observer-based Sliding Mode Control for Networked Fuzzy Singularly Perturbed Systems Under Weighted Try-Once-Discard Protocol. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	36
150	Mean Square Exponential Stability Analysis for It Stochastic Systems with Aperiodic Sampling and Multiple Time-delays. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	6
149	Adaptive Fuzzy Event-Triggered Control for Single-Link Flexible-Joint Robots With Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	13
148	Observer-Based Event-Triggered Adaptive Fuzzy Control for Unmeasured Stochastic Nonlinear Systems With Unknown Control Directions. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	12
147	Robust Sampled-Data Control for Switched Complex Dynamical Networks With Actuators Saturation. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	5
146	Asynchronous Filtering for Delayed Fuzzy Jump Systems Subject to Mixed Passivity and $\{H_{\infty}\}$ Performance. <i>International Journal of Fuzzy Systems</i> , 2021 , 23, 1396-1413	3.6	2
145	Adaptive Fuzzy control for non-strict-feedback stochastic uncertain non-linear systems based on event-triggered strategy. <i>IET Control Theory and Applications</i> , 2021 , 15, 1018-1027	2.5	4
144	An Improved Result on Stability Analysis of Delayed Load Frequency Control Power Systems. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1633-1639	2.9	11
143	Interval stability and interval stabilization of linear stochastic systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 2334-2347	3.6	7
142	Discontinuous event-trigger scheme for global stabilization of state-dependent switching neural networks with communication delay*. <i>Chinese Physics B</i> , 2021 , 30, 030202	1.2	1
141	Mode-dependent H_{∞} Filtering for Time-varying Delays Neutral Jump Systems Based on FWM Technique. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 2092-2104	2.9	0
140	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	3.6	2
139	Adaptive Fuzzy Tracking Control for Stochastic Nonlinear Systems with Nonstrict-Feedback and Dead Zone. <i>International Journal of Fuzzy Systems</i> , 2021 , 23, 2324	3.6	2

138	Generalized non-fragile asynchronous mixed (H_{∞}) and passive output tracking control for neutral Markov jump systems. <i>Nonlinear Dynamics</i> , 2021 , 106, 523-541	5	0
137	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	4.5	2
136	Adaptive neural networks control for MIMO nonlinear systems with unmeasured states and unmodeled dynamics. <i>Applied Mathematics and Computation</i> , 2021 , 408, 126369	2.7	2
135	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	7.7	1
134	Aperiodic sampled-data controller design for switched Itô stochastic Markovian jump systems. <i>Systems and Control Letters</i> , 2021 , 157, 105031	2.4	4
133	Event-Triggered Adaptive Fuzzy Tracking Control for Nonlinear Systems With Unknown Control Directions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	2
132	Extended dissipative synchronization for semi-Markov jump complex dynamic networks via memory sampled-data control scheme. <i>Journal of the Franklin Institute</i> , 2020 , 357, 10900-10920	4	79
131	Asynchronous feedback control for delayed fuzzy degenerate jump systems under observer-based event-driven characteristic. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	17
130	Finite-Time Command Filtered Event-Triggered Adaptive Fuzzy Tracking Control for Stochastic Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	67
129	Nonfragile Fuzzy Control for Nonlinear Fast Sampling Singularly Perturbed Systems Subject to Markov Jumping Parameters. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	7
128	Non-fragile l_2 - l_{∞} synchronization for switched inertial neural networks with random gain fluctuations: A persistent dwell-time switching law. <i>Neurocomputing</i> , 2020 , 403, 193-202	5.4	2
127	Adaptive sliding mode output tracking control based-FODOB for a class of uncertain fractional-order nonlinear time-delayed systems. <i>Science China Technological Sciences</i> , 2020 , 63, 1854-1862	3.5	15
126	Aperiodic Sampled-data Control for Exponential Synchronization of Chaotic Delayed Neural Networks with Exponentially Decaying Gain. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 2898-2906	2.9	0
125	Quantized Control for Synchronization of Delayed Fractional-Order Memristive Neural Networks. <i>Neural Processing Letters</i> , 2020 , 52, 403-419	2.4	3
124	Non-fragile mixed passive and H_{∞} state estimation for singularly perturbed neural networks with semi-Markov jumping parameters. <i>Journal of the Franklin Institute</i> , 2020 , 357, 6352-6369	4	7
123	Event-Triggered Adaptive Fuzzy Tracking Control for Nonlinear Systems. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 1389-1399	3.6	10
122	Reachable set estimation for Markov jump LPV systems with time delays. <i>Applied Mathematics and Computation</i> , 2020 , 376, 125117	2.7	30
121	p th moment regional stability/stabilization and generalized pole assignment of linear stochastic systems: Based on the generalized \mathcal{H}_{∞} -representation method. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3234-3249	3.6	7

120	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	3.6	7
119	Dissolved Oxygen Model Predictive Control for Activated Sludge Process Model Based on the Fuzzy C-means Cluster Algorithm. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 2435-2444	2.9	8
118	Non-fragile extended dissipative control for event-triggered networked stochastic systems. <i>International Journal of Systems Science</i> , 2020 , 51, 746-758	2.3	0
117	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	4	1
116	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	1.1	3
115	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	2.9	1
114	HMM-based H ₂ state estimation for memristive jumping neural networks subject to fading channel. <i>Neurocomputing</i> , 2020 , 393, 66-75	5.4	8
113	Resilient fault-tolerant anti-synchronization for stochastic delayed reaction-diffusion neural networks with semi-Markov jump parameters. <i>Neural Networks</i> , 2020 , 125, 194-204	9.1	34
112	Threshold-Function-Dependent Quasi-Synchronization of Delayed Memristive Neural Networks via Hybrid Event-Triggered Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	17
111	Robust distributed state estimation for Markov coupled neural networks under imperfect measurements. <i>Journal of the Franklin Institute</i> , 2020 , 357, 2420-2436	4	28
110	Command Filter-Based Adaptive Prescribed Performance Tracking Control for Stochastic Uncertain Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	12
109	Admissibilization for Implicit Jump Systems With Mixed Retarded Delays Based on Reciprocally Convex Integral Inequality and Barbalat's Lemma. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	15
108	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> , 2020 , 1-12	7.3	4
107	Adaptive Fuzzy Event-Triggered Control for High-Order Nonlinear Systems With Prescribed Performance. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	14
106	Fuzzy-Model-Based \mathcal{H}_∞ Pinning Synchronization for Coupled Neural Networks Subject to Reaction-Diffusion. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	7
105	Reachable set estimation of delayed fuzzy inertial neural networks with Markov jumping parameters. <i>Journal of the Franklin Institute</i> , 2020 , 357, 6882-6898	4	51
104	HMM-based filtering for slow-sampling singularly perturbed jumping systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 1797-1805	2.5	4
103	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	2.5	4

102	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	4	7
101	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	3.3	4
100	Design of a fault-tolerant output-feedback controller for thickness control in cold rolling mills. <i>Applied Mathematics and Computation</i> , 2020 , 369, 124841	2.7	25
99	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	3.3	9
98	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	4	13
97	Input-output decoupling for mix-valued logical control networks via the semi-tensor product method. <i>International Journal of Control</i> , 2020 , 1-9	1.5	3
96	Dissipativity Analysis of Switched Gene Regulatory Networks Actuated by Persistent Dwell-Time Switching Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	0
95	Extended non-fragile dissipative estimation for nonlinear semi-Markov jump systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 457-472	4	11
94	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	3.6	2
93	Mathcal {H}_{\infty} Synchronization for Fuzzy Markov Jump Chaotic Systems With Piecewise-Constant Transition Probabilities Subject to PDT Switching Rule. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	91
92	Event-triggered adaptive fuzzy tracking control for stochastic nonlinear systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9505-9522	4	16
91	Command filter-based event-triggered adaptive neural network control for uncertain nonlinear time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6363-6382	3.6	6
90	pth Moment Asymptotic Stability/Stabilization and pth Moment Observability of Linear Stochastic Systems: Generalized H-Representation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	5
89	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	2.9	2
88	Controllability decomposition of dynamic-algebraic Boolean control networks. <i>International Journal of Control</i> , 2020 , 93, 1684-1695	1.5	8
87	Adaptive Tracking Control of Wheeled Inverted Pendulums With Periodic Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1867-1876	10.2	76
86	Adaptive Backstepping Hybrid Fuzzy Sliding Mode Control for Uncertain Fractional-Order Nonlinear Systems Based on Finite-Time Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1559-1569	7.3	61
85	Adaptive Fuzzy Control With High-Order Barrier Lyapunov Functions for High-Order Uncertain Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3424-3432	10.2	119

84	Asynchronous dissipative filtering for nonlinear jumping systems subject to fading channels. <i>Journal of the Franklin Institute</i> , 2020 , 357, 589-605	4	51
83	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	10.3	15
82	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	2.7	3
81	Fault-tolerant output-feedback stabilization for complex-valued neural networks with time delay and actuator failures. <i>AIP Advances</i> , 2019 , 9, 095106	1.5	0
80	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	3.3	29
79	Adaptive Fuzzy asymptotically tracking control of full state constrained nonlinear system based on a novel Nussbaum-type function. <i>Journal of the Franklin Institute</i> , 2019 , 356, 1810-1827	4	26
78	Fault-tolerant leader-following consensus for multi-agent systems subject to semi-Markov switching topologies: An event-triggered control scheme. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019 , 34, 92-107	4.5	75
77	Dissipativity-based sampled-data control for fuzzy Markovian jump systems. <i>Applied Mathematics and Computation</i> , 2019 , 361, 552-564	2.7	34
76	Extended (H_{∞}) Synchronization Control for Switched Neural Networks with Multi Quantization Densities Based on a Persistent Dwell-Time Approach. <i>Neural Processing Letters</i> , 2019 , 50, 2821-2841	2.4	1
75	Passivity-based state synchronization for semi-Markov jump coupled chaotic neural networks with randomly occurring time delays. <i>Applied Mathematics and Computation</i> , 2019 , 361, 32-41	2.7	37
74	Spectral perspective on stability and stabilisation of continuous-time mean-field stochastic systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 1137-1146	2.5	
73	Command Filter-Based Adaptive Fuzzy Control for Nonlinear Systems With Unknown Control Directions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	56
72	Extended dissipative synchronization for singularly perturbed semi-Markov jump neural networks with randomly occurring uncertainties. <i>Neurocomputing</i> , 2019 , 349, 281-289	5.4	12
71	Finite-time synchronization for complex dynamic networks with semi-Markov switching topologies: An H_{∞} event-triggered control scheme. <i>Applied Mathematics and Computation</i> , 2019 , 356, 235-251	2.7	73
70	Mixed H_2/H_{∞} state estimation for switched genetic regulatory networks subject to packet dropouts: A persistent dwell-time switching mechanism. <i>Applied Mathematics and Computation</i> , 2019 , 355, 198-212	2.7	34
69	Couple-group L_2 - L_{∞} Consensus of Nonlinear Multi-agent Systems with Markovian Switching Topologies. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 575-585	2.9	8
68	Non-fragile delay feedback control for neutral stochastic Markovian jump systems with time-varying delays. <i>Applied Mathematics and Computation</i> , 2019 , 355, 21-32	2.7	42
67	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	2.9	7

66	Admissibility analysis and stabilization for neutral descriptor hybrid systems with time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019 , 33, 311-321	4.5	27
65	Reliable consensus control for semi-Markov jump multi-agent systems: A leader-following strategy. <i>Journal of the Franklin Institute</i> , 2019 , 356, 3612-3627	4	7
64	Asynchronous dissipative filtering for Markov jump discrete-time systems subject to randomly occurring distributed delays. <i>Journal of the Franklin Institute</i> , 2019 , 356, 2395-2420	4	38
63	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	1	26
62	Finite-Time Adaptive Fuzzy Control for Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1541-1548	7.3	14 ⁰
61	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2254-2265	7.3	62
60	Extended dissipative learning of time-delay recurrent neural networks. <i>Journal of the Franklin Institute</i> , 2019 , 356, 8745-8769	4	11
59	A novel approach to L1 filter design for asynchronously switched positive linear systems with dwell time. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5957-5978	3.6	12
58	Dissipativity-Based Non-fragile Sampled-Data Control for Fuzzy Markovian Jump Systems. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 1709-1723	3.6	4
57	Asynchronous H _∞ filtering for nonlinear persistent dwell-time switched singular systems with measurement quantization. <i>Applied Mathematics and Computation</i> , 2019 , 362, 124578	2.7	28
56	Non-fragile extended dissipativity-based state feedback control for 2-D Markov jump delayed systems. <i>Applied Mathematics and Computation</i> , 2019 , 362, 124571	2.7	27
55	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	4	20
54	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	2.5	25
53	Generalised dissipative asynchronous output feedback control for Markov jump repeated scalar non-linear systems with time-varying delay. <i>IET Control Theory and Applications</i> , 2019 , 13, 2114-2121	2.5	5 ⁰
52	Stability and Hopf Bifurcation of Fractional-Order Complex-Valued Neural Networks With Time-Delay. <i>IEEE Access</i> , 2019 , 7, 158798-158807	3.5	2
51	Sampled-Data Control for Fuzzy Markovian Jump Systems With Actuator Saturation. <i>IEEE Access</i> , 2019 , 7, 180417-180427	3.5	4
5 ⁰	Robust H _∞ filtering for polytopic uncertain stochastic systems under quantized sampled outputs. <i>Applied Mathematics and Computation</i> , 2019 , 347, 688-701	2.7	11
49	Event-triggered passive synchronization for Markov jump neural networks subject to randomly occurring gain variations. <i>Neurocomputing</i> , 2019 , 331, 403-411	5.4	68

48	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	2.5	33
47	Adaptive Tracking Control for Mobile Manipulators with Stochastic Disturbances. <i>Journal of Systems Science and Complexity</i> , 2019 , 32, 1393-1403	1	3
46	Adaptive Fuzzy Tracking Control of Flexible-Joint Robots With Full-State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2201-2209	7.3	91
45	Multiobjective Optimization Control for Uncertain Nonlinear Stochastic System with State-Delay. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 72-83	3.6	6
44	Robust normalisation and PD state feedback control for uncertain singular Markovian jump systems with time-varying delays. <i>IET Control Theory and Applications</i> , 2018 , 12, 419-427	2.5	22
43	Non-fragile finite-time extended dissipative control for a class of uncertain discrete time switched linear systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3031-3049	4	107
42	Robust Finite-time Extended Dissipative Control for a Class of Uncertain Switched Delay Systems. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1459-1468	2.9	12
41	State feedback control for stochastic Markovian jump delay systems based on LaSalle-type theorem. <i>Journal of the Franklin Institute</i> , 2018 , 355, 2179-2196	4	13
40	Admissibility and stabilization of stochastic singular Markovian jump systems with time delays. <i>Systems and Control Letters</i> , 2018 , 114, 1-10	2.4	77
39	Improved delay-dependent stabilization for a class of networked control systems with nonlinear perturbations and two delay components. <i>Applied Mathematics and Computation</i> , 2018 , 316, 1-17	2.7	41
38	Finite-time non-fragile H_2 control for jumping stochastic systems subject to input constraints via an event-triggered mechanism. <i>Journal of the Franklin Institute</i> , 2018 , 355, 6371-6389	4	65
37	Finite-time tracking control for stochastic nonlinear systems with full state constraints. <i>Applied Mathematics and Computation</i> , 2018 , 338, 207-220	2.7	65
36	Normalisation design for delayed singular Markovian jump systems based on system transformation technique. <i>International Journal of Systems Science</i> , 2018 , 49, 1603-1614	2.3	12
35	Global Mittag-Leffler synchronization of delayed fractional-order memristive neural networks. <i>Advances in Difference Equations</i> , 2018 , 2018,	3.6	12
34	Disturbance-observer-based Control and H_2 Control for Semi-Markovian Jump Nonlinear Systems 2018 ,		1
33	Reachable set estimation for switched positive systems with mixed time-varying delays and bounded disturbances. <i>IET Control Theory and Applications</i> , 2018 , 12, 2003-2009	2.5	16
32	Extended dissipative analysis and synthesis for network control systems with an event-triggered scheme. <i>Neurocomputing</i> , 2018 , 312, 34-40	5.4	13
31	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	3.6	25

30	Extended dissipative analysis of generalized Markovian switching neural networks with two delay components. <i>Neurocomputing</i> , 2017 , 260, 275-283	5.4	92
29	Robust Stochastic Stability and Control for Uncertain Singular Markovian Jump Systems with Multiplicative Noise. <i>Asian Journal of Control</i> , 2017 , 19, 1891-1904	1.7	7
28	\mathcal{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	4	28
27	Nonfragile Finite-Time Extended Dissipative Control for a Class of Uncertain Switched Neutral Systems. <i>Complexity</i> , 2017 , 2017, 1-22	1.6	36
26	(H_{∞}) Estimation for Markovian Jump Neural Networks With Quantization, Transmission Delay and Packet Dropout. <i>Neural Processing Letters</i> , 2016 , 44, 317-341	2.4	10
25	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	1.6	4
24	Delay-dependent stability and dissipativity analysis of generalized neural networks with Markovian jump parameters and two delay components. <i>Journal of the Franklin Institute</i> , 2016 , 353, 2137-2158	4	83
23	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	5.4	4
22	Nonfragile H_2 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	1.6	8
21	Unified filters design for singular Markovian jump systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2016 , 353, 3739-3768	4	40
20	Improved passivity analysis for neural networks with Markovian jumping parameters and interval time-varying delays. <i>Neurocomputing</i> , 2015 , 155, 253-260	5.4	26
19	Robust H_2 tracking control for uncertain Markovian jumping systems with interval time-varying delay. <i>Complexity</i> , 2015 , 21, 355-366	1.6	12
18	Improved Delay-dependent Robust Stability Analysis for Neutral-type Uncertain Neural Networks with Markovian jumping Parameters and Time-varying Delays. <i>Neurocomputing</i> , 2015 , 149, 1198-1205	5.4	36
17	Multiple-interval-dependent robust stability analysis for uncertain stochastic neural networks with mixed-delays. <i>Complexity</i> , 2015 , 21, 147-162	1.6	8
16	Delay-segment-dependent robust stability for uncertain discrete stochastic Markovian jumping systems with interval time delay. <i>International Journal of Systems Science</i> , 2014 , 45, 271-282	2.3	15
15	Delay-difference-dependent robust exponential stability for uncertain stochastic neural networks with multiple delays. <i>Neurocomputing</i> , 2014 , 140, 210-218	5.4	21
14	H_2 tracking of uncertain stochastic time-delay systems: Memory state-feedback controller design. <i>Applied Mathematics and Computation</i> , 2014 , 249, 356-370	2.7	24
13	H_{∞} mode-dependent fault detection filter design for stochastic Markovian jump systems with time-varying delays and parameter uncertainties. <i>ISA Transactions</i> , 2014 , 53, 1024-34	5.5	29

12	Delay-Dependent Robust Exponential Stability and H_∞ Analysis for a Class of Uncertain Markovian Jumping System with Multiple Delays. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-10	0.7	1
11	New robust H_∞ control for uncertain stochastic Markovian jumping systems with mixed delays based on decoupling method. <i>Journal of the Franklin Institute</i> , 2012 , 349, 741-769	4	34
10	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	2.2	9
9	Filtering-Based Fault Detection for Stochastic Markovian Jump System with Distributed Time-Varying Delays and Mixed Modes. <i>Journal of Applied Mathematics</i> , 2012 , 2012, 1-22	1.1	2
8	Design of robust non-fragile H_∞ filters for uncertain neutral stochastic systems with distributed delays. <i>Asian Journal of Control</i> , 2009 , 12, n/a-n/a	1.7	2
7	Robust H_∞ Control for Stochastic Time-Delay Systems with Markovian Jump Parameters via Parameter-Dependent Lyapunov Functionals. <i>Circuits, Systems, and Signal Processing</i> , 2008 , 27, 331-349	2.2	9
6	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		4
5	Delay-dependent L_2 filter design for stochastic time-delay systems. <i>Systems and Control Letters</i> , 2007 , 56, 579-587	2.4	67
4	Stabilisation and set stabilisation of periodic switched Boolean control networks. <i>International Journal of Control</i> , 1-12	1.5	0
3	Adaptive fuzzy tracking control for nonstrict-feedback switched stochastic nonlinear systems with nonsymmetric dead-zone input: a MDADT switching approach. <i>Nonlinear Dynamics</i> , 1	5	0
2	Interval Type-2 Fuzzy Passive Filtering for Nonlinear Singularly Perturbed PDT-Switched Systems and Its Application. <i>Journal of Systems Science and Complexity</i> , 1	1	36
1	Asynchronous Dynamic Output Feedback Control for Delayed Fuzzy Stochastic Markov Jump Systems Based on HMM Strategy. <i>International Journal of Fuzzy Systems</i> , 1	3.6	0