

Xiaona Song

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.

94
papers

961
citations

19
h-index

27
g-index

103
ext. papers

1,393
ext. citations

3.7
avg, IF

5.55
L-index

#	Paper	IF	Citations
94	Adaptive Event-Triggered Control of Networked Fuzzy PDE Systems Under Hybrid Cyber-Attacks. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	0
93	Improved event-triggered control for a chemical tubular reactor with singular perturbations. <i>Journal of Process Control</i> , 2022 , 112, 49-56	3.9	
92	Fuzzy adaptive-event-triggered control for semi-linear parabolic PDE systems with stochastic actuator failures. <i>Applied Mathematics and Computation</i> , 2022 , 426, 127127	2.7	
91	Adaptive resilient control design for nonlinear time-delay systems against unknown state-dependent deception attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 2159-2182 ^{3,6} ¹		
90	Event-driven NN adaptive fixed-time control for nonlinear systems with guaranteed performance. <i>Journal of the Franklin Institute</i> , 2022 , 359, 4138-4138	4	2
89	Synchronization for Markovian Jumping Reaction-Diffusion Complex Dynamical Networks: A Space-Time Sampled-Data Control Scheme. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	
88	Dissipative Synchronization of Semi-Markov Jump Complex Dynamical Networks via Adaptive Event-Triggered Sampling Control Scheme. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	3
87	Finite-Time Fault Estimation and Tolerant Control for Nonlinear Interconnected Distributed Parameter Systems With Markovian Switching Channels. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-13	3.9	3
86	Finite-Time Synchronization Control for Markovian Jump Memristive Neural Networks with Reaction-Diffusion Terms. <i>Studies in Systems, Decision and Control</i> , 2021 , 499-523	0.8	
85	Gain-Scheduled Finite-Time Synchronization for Reaction-Diffusion Memristive Neural Networks Subject to Inconsistent Markov Chains. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2952-2964	10.3	15
84	Quasi-synchronization of coupled neural networks with reaction-diffusion terms driven by fractional brownian motion. <i>Journal of the Franklin Institute</i> , 2021 , 358, 2482-2499	4	3
83	Synchronization in Fixed Time for Reaction-Diffusion Quaternion-Valued NNs with Nonlinear Interconnected Protocol and Its Application. <i>Neural Processing Letters</i> , 2021 , 53, 4011	2.4	
82	Event-Triggered Adaptive Practical Fixed-Time Trajectory Tracking Control for Unmanned Surface Vehicle. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 436-440	3.5	21
81	Sampled-Data State Estimation of Reaction Diffusion Genetic Regulatory Networks via Space-Dividing Approaches. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 718-730	3	15
80	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 363-375	3.9	18
79	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
78	Observer-based sliding mode control for stochastic hyperbolic PDE systems with quantized output signal. <i>Applied Mathematics and Computation</i> , 2021 , 393, 125643	2.7	1

77	Nonfragile Dissipative Synchronization of Reaction-diffusion Complex Dynamical Networks with Coupling Delays. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1252-1263	2.9	0
76	Exponential stabilisation for nonlinear PDE systems via sampled-data static output feedback control. <i>Cyber-Physical Systems</i> , 2021 , 7, 179-196	1.1	
75	Takagi-Sugeno fuzzy-model-based event-triggered point control for semilinear partial differential equation systems using collocated pointwise measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1122-1144	3.6	6
74	Neuro-Fuzzy-Based Adaptive Dynamic Surface Control for Fractional-Order Nonlinear Strict-Feedback Systems With Input Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3575-3586	7.3	26
73	Finite-Time Dissipative Synchronization for Markovian Jump Generalized Inertial Neural Networks With Reaction-Diffusion Terms. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3650-3661	7.3	20
72	Observer-Based Adaptive Hybrid Fuzzy Resilient Control for Fractional-Order Nonlinear Systems With Time-Varying Delays and Actuator Failures. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 471-485	8.3	33
71	Composite Adaptive Fuzzy Finite-Time Quantized Control for Full State-Constrained Nonlinear Systems and Its Application. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	4
70	Finite-Time Synchronization of Reaction-Diffusion Inertial Memristive Neural Networks via Gain-Scheduled Pinning Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	4
69	Synchronization in Finite/Fixed Time for Markovian Complex-Valued Nonlinear Interconnected Neural Networks with Reaction-Diffusion Terms. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	3
68	State Observer Design of Coupled Genetic Regulatory Networks with Reaction-Diffusion Terms via Time-Space Sampled-Data Communications. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , PP,	3	1
67	Adaptive NN Finite-Time Resilient Control for Nonlinear Time-Delay Systems With Unknown False Data Injection and Actuator Faults. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
66	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	4
65	Event-Based Adaptive Fuzzy Fixed-Time Secure Control for Nonlinear CPSs Against Unknown False Data Injection and Backlash-Like Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	5
64	Finite-Time Fuzzy Bounded Control for Semilinear PDE Systems With Quantized Measurements and Markov Jump Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	5
63	Quasi-synchronization of Hybrid Coupled Reaction-diffusion Neural Networks with Parameter Mismatches via Time-space Sampled-data Control. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 3087-3100	2.9	0
62	Dissipative sampled-data synchronization for spatiotemporal complex dynamical networks with semi-Markovian switching topologies. <i>Neurocomputing</i> , 2021 , 448, 333-343	5.4	2
61	Synchronization of fractional-order spatiotemporal complex-valued neural networks in finite-time interval and its application. <i>Journal of the Franklin Institute</i> , 2021 , 358, 8207-8207	4	3
60	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3869-3880	3.9	5

59	Fuzzy Event-Triggered Control for PDE Systems with Pointwise Measurements Based on Relaxed Lyapunov-Krasovskii Functionals. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	0
58	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
57	State estimation of TS fuzzy Markovian generalized neural networks with reaction-diffusion terms: a time-varying nonfragile proportional retarded sampled-data control scheme. <i>Neural Computing and Applications</i> , 2020 , 32, 14639-14653	4.8	4
56	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
55	Spatial-L ₁ -Norm-Based Finite-Time Bounded Control for Semilinear Parabolic PDE Systems With Applications to Chemical-Reaction Processes. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	10
54	Adaptive Command Filtered Neuro-Fuzzy Control Design for Fractional-Order Nonlinear Systems With Unknown Control Directions and Input Quantization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	21
53	Space-sampling-based fault detection for nonlinear spatiotemporal dynamic systems with Markovian switching channel. <i>Information Sciences</i> , 2020 , 520, 400-415	7.7	4
52	HMM-based filtering for slow-sampling singularly perturbed jumping systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 1797-1805	2.5	4
51	Event-triggered synchronisation of Markovian reaction-diffusion inertial neural networks and its application in image encryption. <i>IET Control Theory and Applications</i> , 2020 , 14, 2726-2740	2.5	2
50	Passive Fuzzy Control Design for a Class of Nonlinear Distributed Parameter Systems with Time-varying Delay. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 911-921	2.9	9
49	Finite-time Asynchronous H _∞ Filtering Design of Markovian Jump Systems with Randomly Occurred Quantization. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 450-461	2.9	12
48	An improved result on synchronization control for memristive neural networks with inertial terms and reaction-diffusion items. <i>ISA Transactions</i> , 2020 , 99, 74-83	5.5	2
47	Finite-time nonfragile time-varying proportional retarded synchronization for Markovian Inertial Memristive NNs with reaction-diffusion items. <i>Neural Networks</i> , 2020 , 123, 317-330	9.1	19
46	Diagnostic observer-based fault detection for nonlinear parabolic PDE systems via dual sampling approaches. <i>Journal of the Franklin Institute</i> , 2020 , 357, 8203-8228	4	2
45	Synchronization for hybrid coupled reaction-diffusion neural networks with stochastic disturbances via spatial sampled-data control strategy. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2020 , 095965182093566	1	0
44	Finite-Time [Formula: see text] Asynchronous Control for Nonlinear Markov Jump Distributed Parameter Systems via Quantized Fuzzy Output-Feedback Approach. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4098-4109	10.2	32
43	Adaptive hybrid fuzzy output feedback control for fractional-order nonlinear systems with time-varying delays and input saturation. <i>Applied Mathematics and Computation</i> , 2020 , 364, 124662	2.7	21
42	Event-triggered reliable fuzzy filtering for nonlinear parabolic PDE systems with Markovian jumping sensor faults. <i>Information Sciences</i> , 2020 , 510, 50-69	7.7	24

41	Integral sliding mode synchronization control for Markovian jump inertial memristive neural networks with reaction-diffusion terms. <i>Neurocomputing</i> , 2020 , 378, 324-334	5.4	11
40	Robust dissipative control for semilinear Markovian jump distributed parameter systems with time-varying delay and incomplete transition probabilities. <i>Asian Journal of Control</i> , 2020 , 22, 2513-2526 ¹⁻⁷		3
39	Event-triggered reliable H _∞ control for a class of nonlinear distributed parameter systems within a finite-time interval. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11368-11393	4	7
38	Reliable exponential stabilisation for fractional-order semilinear parabolic distributed parameter systems: an LMI approach. <i>Cyber-Physical Systems</i> , 2020 , 6, 146-164	1.1	
37	Adaptive neuro-fuzzy backstepping dynamic surface control for uncertain fractional-order nonlinear systems. <i>Neurocomputing</i> , 2019 , 360, 172-184	5.4	19
36	Intermittent pinning synchronization of reaction-diffusion neural networks with multiple spatial diffusion couplings. <i>Neural Computing and Applications</i> , 2019 , 31, 9279-9294	4.8	14
35	Fractional-order adaptive neuro-fuzzy sliding mode H _∞ control for fuzzy singularly perturbed systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5027-5048	4	36
34	Memory-based State Estimation of T _S Fuzzy Markov Jump Delayed Neural Networks with Reaction-Diffusion Terms. <i>Neural Processing Letters</i> , 2019 , 50, 2529-2546	2.4	12
33	Quantized output feedback control for nonlinear Markovian jump distributed parameter systems with unreliable communication links. <i>Applied Mathematics and Computation</i> , 2019 , 353, 371-395	2.7	21
32	Projective synchronization for two nonidentical time-delayed fractional-order T _S fuzzy neural networks based on mixed (H _∞)/passive adaptive sliding mode control. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 799-812	3.8	3
31	Adaptive projective synchronization for time-delayed fractional-order neural networks with uncertain parameters and its application in secure communications. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 3078-3087	1.8	16
30	Dissipativity-Based Controller Design for Time-Delayed T-S Fuzzy Switched Distributed Parameter Systems. <i>Complexity</i> , 2018 , 2018, 1-11	1.6	2
29	Reliable $\{L_2\} - \{L_\infty\}$ State Estimation for Markovian Jump Reaction-Diffusion Neural Networks With Sensor Saturation and Asynchronous Failure. <i>IEEE Access</i> , 2018 , 6, 50066-50076	3.5	9
28	Adaptive interval type-2 fuzzy sliding mode control for fractional-order systems based on finite-time scheme. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 32, 1903-1915	1.6	8
27	An adaptive sliding mode control of delta operator systems with input nonlinearity containing unknown slope parameters. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 535-549	1	2
26	A unified method to energy-to-peak filter design for networked Markov switched singular systems over a finite-time interval. <i>Journal of the Franklin Institute</i> , 2017 , 354, 7899-7916	4	32
25	Guaranteed Cost Finite-Time Control for Positive Switched Linear Systems with Time-Varying Delays. <i>Journal of Control Science and Engineering</i> , 2017 , 2017, 1-10	1.2	5
24	Synchronization of Two Fractional-Order Chaotic Systems via Nonsingular Terminal Fuzzy Sliding Mode Control. <i>Journal of Control Science and Engineering</i> , 2017 , 2017, 1-11	1.2	7

23	Mixed (H _∞)/Passive Projective Synchronization for Nonidentical Uncertain Fractional-Order Neural Networks Based on Adaptive Sliding Mode Control. <i>Neural Processing Letters</i> , 2017 , 47, 443	2.4	0
22	Adaptive projective synchronization for fractional-order T-S fuzzy neural networks with time-delay and uncertain parameters. <i>Optik</i> , 2017 , 129, 140-152	2.5	20
21	Event-triggered . <i>Applied Mathematics and Computation</i> , 2017 , 298, 123-132	2.7	52
20	Disturbance Observer-Based Input-Output Finite-Time Control of a Class of Nonlinear Systems. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-7	1.1	2
19	Output feedback control for fractional-order Takagi-Sugeno fuzzy systems with unmeasurable premise variables. <i>Transactions of the Institute of Measurement and Control</i> , 2016 , 38, 1201-1211	1.8	8
18	Adaptive synchronization of two time-delayed fractional-order chaotic systems with different structure and different order. <i>Optik</i> , 2016 , 127, 11860-11870	2.5	15
17	Sampled-data H _∞ control for a class of Markovian jump systems with input saturation via stochastic sampling design. <i>Transactions of the Institute of Measurement and Control</i> , 2014 , 36, 291-299	1.8	7
16	Torque Split Strategy for Parallel Hybrid Electric Vehicles with an Integrated Starter Generator. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-10	1.1	3
15	Static Output Tracking Control of Nonlinear Systems with One-Sided Lipschitz Condition. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	3
14	Adaptive sliding mode control of uncertain chaotic systems with input nonlinearity. <i>Nonlinear Dynamics</i> , 2014 , 76, 1857-1865	5	36
13	Robust fault-tolerant control of uncertain fractional-order systems against actuator faults. <i>IET Control Theory and Applications</i> , 2013 , 7, 1233-1241	2.5	57
12	Robust Fuzzy Output Feedback Control for a Class of Nonlinear Uncertain Systems with Mixed Time Delays. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-14	1.1	
11	Power-Split Hybrid Electric Vehicle Energy Management Based on Improved Logic Threshold Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	6
10	Fault Tolerant Control for Interval Fractional-Order Systems with Sensor Failures. <i>Advances in Mathematical Physics</i> , 2013 , 2013, 1-11	1.1	4
9	Passivity-based Control for Markovian Jump Systems via Retarded Output Feedback. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 189-202	2.2	19
8	Local stabilization for unstable bilinear systems with input saturation. <i>Nonlinear Dynamics</i> , 2012 , 70, 249-254	5	3
7	Adaptive exponential synchronization of chaotic recurrent neural networks with stochastic perturbation 2012 ,		1
6	DEALING WITH FRACTIONAL DYNAMICS OF IP NETWORK DELAYS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1250089	2	6

5	Remote output feedback stabilization for fractional-order systems via communication networks 2011,		3
4	Robust H_{∞} control for uncertain fuzzy systems with distributed delays via output feedback controllers. <i>Information Sciences</i> , 2008 , 178, 4341-4356	7-7	4 ⁸
3	Extended dissipative-based state estimation for Markov jump coupled neural networks with reaction-diffusion terms. <i>Transactions of the Institute of Measurement and Control</i> , 014233122110282	1.8	2
2	Distributed estimation for nonlinear PDE systems using space-sampling approach: applications to high-speed aerospace vehicle. <i>Nonlinear Dynamics</i> , 1	5	
1	Exponential state estimation for reaction-diffusion inertial neural networks via incomplete measurement scheme. <i>Cyber-Physical Systems</i> , 1-19	1.1	