Shuai Song

List of Publications by Year
in descending order

63 papers	1,490 citations	257101 24 h-index	344852 36 g-index
63 all docs	63 docs citations	63 times ranked	699 citing authors

#	Article	IF	Citations
1	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
2	Event-driven NN adaptive fixed-time control for nonlinear systems with guaranteed performance. Journal of the Franklin Institute, 2022, 359, 4138-4159.	1.9	84
3	Observer-Based Adaptive Hybrid Fuzzy Resilient Control for Fractional-Order Nonlinear Systems With Time-Varying Delays and Actuator Failures. IEEE Transactions on Fuzzy Systems, 2021, 29, 471-485.	6.5	68
4	Adaptive Command Filtered Neuro-Fuzzy Control Design for Fractional-Order Nonlinear Systems With Unknown Control Directions and Input Quantization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7238-7249.	5.9	65
5	Neuro-Fuzzy-Based Adaptive Dynamic Surface Control for Fractional-Order Nonlinear Strict-Feedback Systems With Input Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3575-3586.	5.9	63
6	Finite-Time Dissipative Synchronization for Markovian Jump Generalized Inertial Neural Networks With Reaction–Diffusion Terms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3650-3661.	5.9	63
7	Finite-Time ${\mathscr{H}}_{\infty}$ Asynchronous Control for Nonlinear Markov Jump Distributed Parameter Systems via Quantized Fuzzy Output-Feedback Approach. IEEE Transactions on Cybernetics, 2020, 50, 4098-4109.	6.2	57
8	Gain-Scheduled Finite-Time Synchronization for Reaction–Diffusion Memristive Neural Networks Subject to Inconsistent Markov Chains. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2952-2964.	7.2	51
9	Fractional-order adaptive neuro-fuzzy sliding mode H_∞ control for fuzzy singularly perturbed systems. Journal of the Franklin Institute, 2019, 356, 5027-5048.	1.9	50
10	Finite/Fixed-Time Anti-Synchronization of Inconsistent Markovian Quaternion-Valued Memristive Neural Networks With Reaction-Diffusion Terms. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 363-375.	3.5	49
11	Event-Triggered Adaptive Practical Fixed-Time Trajectory Tracking Control for Unmanned Surface Vehicle. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 436-440.	2.2	43
12	Event-triggered reliable H_∞ fuzzy filtering for nonlinear parabolic PDE systems with Markovian jumping sensor faults. Information Sciences, 2020, 510, 50-69.	4.0	41
13	Finite-time nonfragile time-varying proportional retarded synchronization for Markovian Inertial Memristive NNs with reaction–diffusion items. Neural Networks, 2020, 123, 317-330.	3.3	39
14	Event-Based Adaptive Fuzzy Fixed-Time Secure Control for Nonlinear CPSs Against Unknown False Data Injection and Backlash-Like Hysteresis. IEEE Transactions on Fuzzy Systems, 2022, 30, 1939-1951.	6.5	37
15	Adaptive hybrid fuzzy output feedback control for fractional-order nonlinear systems with time-varying delays and input saturation. Applied Mathematics and Computation, 2020, 364, 124662.	1.4	35
16	Adaptive NN Finite-Time Resilient Control for Nonlinear Time-Delay Systems With Unknown False Data Injection and Actuator Faults. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5416-5428.	7.2	34
17	Adaptive neuro-fuzzy backstepping dynamic surface control for uncertain fractional-order nonlinear systems. Neurocomputing, 2019, 360, 172-184.	3.5	32
18	Synchronization control for Markov jump neural networks subject to HMM observation and partially known detection probabilities. Applied Mathematics and Computation, 2019, 360, 1-13.	1.4	32

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19	Finite/fixed-time synchronization for Markovian complex-valued memristive neural networks with reaction–diffusion terms and its application. Neurocomputing, 2020, 414, 131-142.	3.5	30
20	Adaptive projective synchronization for time-delayed fractional-order neural networks with uncertain parameters and its application in secure communications. Transactions of the Institute of Measurement and Control, 2018, 40, 3078-3087.	1.1	28
21	Finite-Time Fuzzy Bounded Control for Semilinear PDE Systems With Quantized Measurements and Markov Jump Actuator Failures. IEEE Transactions on Cybernetics, 2022, 52, 5732-5743.	6.2	27
22	Spatial-L^{∞}-Norm-Based Finite-Time Bounded Control for Semilinear Parabolic PDE Systems With Applications to Chemical-Reaction Processes. IEEE Transactions on Cybernetics, 2022, 52, 178-191.	6.2	26
23	Sampled-Data State Estimation of Reaction Diffusion Genetic Regulatory Networks via Space-Dividing Approaches. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 718-730.	1.9	26
24	Sampled-Data-Based Event-Triggered Fuzzy Control for PDE Systems Under Cyberattacks. IEEE Transactions on Fuzzy Systems, 2022, 30, 2693-2705.	6.5	26
25	Quantized output feedback control for nonlinear Markovian jump distributed parameter systems with unreliable communication links. Applied Mathematics and Computation, 2019, 353, 371-395.	1.4	25
26	Synchronization in Finite/Fixed Time for Markovian Complex-Valued Nonlinear Interconnected Neural Networks With Reaction–Diffusion Terms. IEEE Transactions on Network Science and Engineering, 2021, 8, 3313-3324.	4.1	24
27	Composite Adaptive Fuzzy Finite-Time Quantized Control for Full State-Constrained Nonlinear Systems and its Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2479-2490.	5.9	21
28	Quasi-synchronization of coupled neural networks with reaction-diffusion terms driven by fractional brownian motion. Journal of the Franklin Institute, 2021, 358, 2482-2499.	1.9	19
29	Adaptive Event-Triggered Control of Networked Fuzzy PDE Systems Under Hybrid Cyber Attacks. IEEE Transactions on Fuzzy Systems, 2022, 30, 4211-4223.	6.5	19
30	Intermittent pinning synchronization of reaction–diffusion neural networks with multiple spatial diffusion couplings. Neural Computing and Applications, 2019, 31, 9279-9294.	3.2	18
31	Integral sliding mode synchronization control for Markovian jump inertial memristive neural networks with reaction–diffusion terms. Neurocomputing, 2020, 378, 324-334.	3.5	18
32	Finite-Time Synchronization of Reaction-Diffusion Inertial Memristive Neural Networks via Gain-Scheduled Pinning Control. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5045-5056.	7.2	18
33	Finite-Time Fault Estimation and Tolerant Control for Nonlinear Interconnected Distributed Parameter Systems With Markovian Switching Channels. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1347-1359.	3.5	17
34	Reliable ${L_{2}} - {L_{\infty}}$ State Estimation for Markovian Jump Reaction-Diffusion Neural Networks With Sensor Saturation and Asynchronous Failure. IEEE Access, 2018, 6, 50066-50076.	2.6	15
35	Synchronization of fractional-order spatiotemporal complex-valued neural networks in finite-time interval and its application. Journal of the Franklin Institute, 2021, 358, 8207-8225.	1.9	15
36	Multi-switching adaptive synchronization of two fractional-order chaotic systems with different structure and different order. International Journal of Control, Automation and Systems, 2017, 15, 1524-1535.	1.6	14

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37	Event-triggered reliable $\mathcal{H}_\infty$ control for a class of nonlinear distributed parameter systems within a finite-time interval. Journal of the Franklin Institute, 2020, 357, 11368-11392.	1.9	14
38	Takagi–Sugeno fuzzy–model–based event–triggered point control for semilinear partial differential equation systems using collocated pointwise measurements. International Journal of Robust and Nonlinear Control, 2021, 31, 1122-1144.	2.1	13
39	Event–triggered synchronisation of Markovian reaction–diffusion inertial neural networks and its application in image encryption. IET Control Theory and Applications, 2020, 14, 2726-2740.	1.2	11
40	H_{∞} Filtering for Markov Jump Neural Networks Subject to Hidden-Markov Mode Observation and Packet Dropouts via an Improved Activation Function Dividing Method. Neural Processing Letters, 2020, 51, 1939-1955.	2.0	10
41	Dissipative Synchronization of Semi-Markov Jump Complex Dynamical Networks via Adaptive Event-Triggered Sampling Control Scheme. IEEE Systems Journal, 2022, 16, 4653-4663.	2.9	10
42	An improved result on synchronization control for memristive neural networks with inertial terms and reaction–diffusion items. ISA Transactions, 2020, 99, 74-83.	3.1	9
43	Adaptive interval type-2 fuzzy sliding mode control for fractional-order systems based on finite-time scheme. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1903-1915.	0.8	8
44	Space-sampling-based fault detection for nonlinear spatiotemporal dynamic systems with Markovian switching channel. Information Sciences, 2020, 520, 400-415.	4.0	8
45	Dissipative sampled-data synchronization for spatiotemporal complex dynamical networks with semi-Markovian switching topologies. Neurocomputing, 2021, 448, 333-343.	3.5	8
46	Mixed H_∞ / Passive Projective Synchronization for Nonidentical Uncertain Fractional-Order Neural Networks Based on Adaptive Sliding Mode Control. Neural Processing Letters, 2018, 47, 443.	2.0	7
47	Distributed estimation for nonlinear PDE systems using space-sampling approach: applications to high-speed aerospace vehicle. Nonlinear Dynamics, 0, , 1.	2.7	6
48	Fuzzy Event-Triggered Control for PDE Systems With Pointwise Measurements Based on Relaxed Lyapunov–Krasovskii Functionals. IEEE Transactions on Fuzzy Systems, 2022, 30, 3074-3084.	6.5	6
49	Space-Dividing-Based Cluster Synchronization of Reaction–Diffusion Genetic Regulatory Networks via Intermittent Control. IEEE Transactions on Nanobioscience, 2022, 21, 55-64.	2.2	6
50	Projective synchronization for two nonidentical time-delayed fractional-order T–S fuzzy neural networks based on mixed H_{∞} / passive adaptive sliding mode control. International Journal of Machine Learning and Cybernetics, 2019, 10, 799-812.	2.3	5
51	Diagnostic observer-based fault detection for nonlinear parabolic PDE systems via dual sampling approaches. Journal of the Franklin Institute, 2020, 357, 8203-8228.	1.9	5
52	State Observer Design of Coupled Genetic Regulatory Networks with Reaction-Diffusion Terms via Time-Space Sampled-Data Communications. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, PP, 1-1.	1.9	5
53	Improved event-triggered control for a chemical tubular reactor with singular perturbations. Journal of Process Control, 2022, 112, 49-56.	1.7	5
54	Fuzzy adaptive-event-triggered control for semi-linear parabolic PDE systems with stochastic actuator failures. Applied Mathematics and Computation, 2022, 426, 127127.	1.4	4

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55	Adaptive resilient control design for nonlinear time‐delay systems against unknown state‐dependent deception attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 2159-2182.	2.1	4
56	Synchronization for Semi-Markovian Jumping Reaction-Diffusion Complex Dynamical Networks: A Space-Time Sampled-Data Control Scheme. IEEE Transactions on Network Science and Engineering, 2022, 9, 2684-2696.	4.1	4
57	Event-Triggered Fuzzy Adaptive Fixed-Time Output-Feedback Control for Nonlinear Systems With Multiple Objective Constraints. International Journal of Fuzzy Systems, 0, , .	2.3	4
58	Reliable exponential stabilisation for fractional-order semilinear parabolic distributed parameter systems: an LMI approach. Cyber-Physical Systems, 2020, 6, 146-164.	1.6	1
59	Observer-based sliding mode control for stochastic hyperbolic PDE systems with quantized output signal. Applied Mathematics and Computation, 2021, 393, 125643.	1.4	1
60	H_∞ dynamic output feedback control of DC-DC converter. , 2016, , .		0
61	T-S fuzzy control for fractional order Liu chaotic system with uncertain parameters. , 2016, , .		0
62	Finite-Time Synchronization Control for Markovian Jump Memristive Neural Networks with Reaction-Diffusion Terms. Studies in Systems, Decision and Control, 2021, , 499-523.	0.8	0
63	Exponential Synchronization of Nonlinear Interconnected Reaction-Diffusion Memristive NNs under Stochastic Cyber Attacks via Pointwise Control. , 2021, , .		0