Shuai Song

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4684075/publications.pdf

Version: 2024-02-01

63	1,490	257450	345221
papers	citations	24 h-index	36 g-index

63	63	63	699
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial-L ^{â€ž}-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.	9.5	26
2	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.	9.3	21
3	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.	11.3	18
4	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.	11.3	34
5	Sampled-Data-Based Event-Triggered Fuzzy Control for PDE Systems Under Cyberattacks. IEEE Transactions on Fuzzy Systems, 2022, 30, 2693-2705.	9.8	26
6	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.	9.8	37
7	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.	9.5	27
8	Fuzzy Event-Triggered Control for PDE Systems With Pointwise Measurements Based on Relaxed Lyapunovâ€“Krasovskii Functionals. IEEE Transactions on Fuzzy Systems, 2022, 30, 3074-3084.	9.8	6
9	Space-Dividing-Based Cluster Synchronization of Reactionâ€“Diffusion Genetic Regulatory Networks via Intermittent Control. IEEE Transactions on Nanobioscience, 2022, 21, 55-64.	3.3	6
10	Dissipative Synchronization of Semi-Markov Jump Complex Dynamical Networks via Adaptive Event-Triggered Sampling Control Scheme. IEEE Systems Journal, 2022, 16, 4653-4663.	4.6	10
11	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.	5.4	17
12	Adaptive Event-Triggered Control of Networked Fuzzy PDE Systems Under Hybrid Cyber Attacks. IEEE Transactions on Fuzzy Systems, 2022, 30, 4211-4223.	9.8	19
13	Improved event-triggered control for a chemical tubular reactor with singular perturbations. Journal of Process Control, 2022, 112, 49-56.	3.3	5
14	Fuzzy adaptive-event-triggered control for semi-linear parabolic PDE systems with stochastic actuator failures. Applied Mathematics and Computation, 2022, 426, 127127.	2.2	4
15	Adaptive resilient control design for nonlinear timeâ€delay systems against unknown stateâ€dependent deception attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 2159-2182.	3.7	4
16	Event-driven NN adaptive fixed-time control for nonlinear systems with guaranteed performance. Journal of the Franklin Institute, 2022, 359, 4138-4159.	3.4	84
17	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.	6.4	4
18	Gain-Scheduled Finite-Time Synchronization for Reactionâ€“Diffusion Memristive Neural Networks Subject to Inconsistent Markov Chains. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2952-2964.	11.3	51

#	Article	IF	Citations
19	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.	9.3	65
20	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.	3.0	43
21	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.	3.0	26
22	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.	5.4	49
23	Observer-based sliding mode control for stochastic hyperbolic PDE systems with quantized output signal. Applied Mathematics and Computation, 2021, 393, 125643.	2.2	1
24	Takagiâ€“Sugeno fuzzyâ€modelâ€based eventâ€triggered point control for semilinear partial differential equation systems using collocated pointwise measurements. International Journal of Robust and Nonlinear Control, 2021, 31, 1122-1144.	3.7	13
25	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.	9.3	63
26	Finite-Time Dissipative Synchronization for Markovian Jump Generalized Inertial Neural Networks With Reactionâ€“Diffusion Terms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3650-3661.	9.3	63
27	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.	9.8	68
28	Synchronization in Finite/Fixed Time for Markovian Complex-Valued Nonlinear Interconnected Neural Networks With Reactionâ€“Diffusion Terms. IEEE Transactions on Network Science and Engineering, 2021, 8, 3313-3324.	6.4	24
29	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.	3.0	5
30	Quasi-synchronization of coupled neural networks with reaction-diffusion terms driven by fractional brownian motion. Journal of the Franklin Institute, 2021, 358, 2482-2499.	3.4	19
31	Dissipative sampled-data synchronization for spatiotemporal complex dynamical networks with semi-Markovian switching topologies. Neurocomputing, 2021, 448, 333-343.	5.9	8
32	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.	3.4	15
33	Finite-Time Synchronization Control for Markovian Jump Memristive Neural Networks with Reaction-Diffusion Terms. Studies in Systems, Decision and Control, 2021, , 499-523.	1.0	0
34	Exponential Synchronization of Nonlinear Interconnected Reaction-Diffusion Memristive NNs under Stochastic Cyber Attacks via Pointwise Control. , 2021, , .		0
35	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.	9.3	107
36	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.	9.5	57

#	Article	IF	Citations
37	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.	2.2	35
38	Event-triggered reliable<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:msub><mml:mi mathvariant="script">H</mml:mi><mml:mi>â^ž</mml:mi></mml:msub></mml:math>fuzzy filtering for nonlinear parabolic PDE systems with Markovian jumping sensor faults. Information Sciences, 2020, 510, 50-69.	6.9	41
39	Integral sliding mode synchronization control for Markovian jump inertial memristive neural networks with reactionâ€“diffusion terms. Neurocomputing, 2020, 378, 324-334.	5.9	18
40	Event-triggered reliable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.svg"><mml:msub><mml:mi mathvariant="script">H</mml:mi><mml:mi>â^ž</mml:mi></mml:msub></mml:math> control for a class of nonlinear distributed parameter systems within a finite-time interval. Journal of the Franklin Institute, 2020, 357, 11368-11393.	3.4	14
41	An improved result on synchronization control for memristive neural networks with inertial terms and reactionâ€“diffusion items. ISA Transactions, 2020, 99, 74-83.	5.7	9
42	Finite-time nonfragile time-varying proportional retarded synchronization for Markovian Inertial Memristive NNs with reactionâ€“diffusion items. Neural Networks, 2020, 123, 317-330.	5.9	39
43	Finite/fixed-time synchronization for Markovian complex-valued memristive neural networks with reactionâ€“diffusion terms and its application. Neurocomputing, 2020, 414, 131-142.	5.9	30
44	Diagnostic observer-based fault detection for nonlinear parabolic PDE systems via dual sampling approaches. Journal of the Franklin Institute, 2020, 357, 8203-8228.	3.4	5
45	Space-sampling-based fault detection for nonlinear spatiotemporal dynamic systems with Markovian switching channel. Information Sciences, 2020, 520, 400-415.	6.9	8
46	$$H_{infty }$$ 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.	3.2	10
47	Reliable exponential stabilisation for fractional-order semilinear parabolic distributed parameter systems: an LMI approach. Cyber-Physical Systems, 2020, 6, 146-164.	2.0	1
48	Eventâ€triggered synchronisation of Markovian reactionâ€“diffusion inertial neural networks and its application in image encryption. IET Control Theory and Applications, 2020, 14, 2726-2740.	2.1	11
49	Adaptive neuro-fuzzy backstepping dynamic surface control for uncertain fractional-order nonlinear systems. Neurocomputing, 2019, 360, 172-184.	5.9	32
50	Synchronization control for Markov jump neural networks subject to HMM observation and partially known detection probabilities. Applied Mathematics and Computation, 2019, 360, 1-13.	2.2	32
51	Intermittent pinning synchronization of reactionâ€“diffusion neural networks with multiple spatial diffusion couplings. Neural Computing and Applications, 2019, 31, 9279-9294.	5.6	18
52	Fractional-order adaptive neuro-fuzzy sliding mode Hâ^ž control for fuzzy singularly perturbed systems. Journal of the Franklin Institute, 2019, 356, 5027-5048.	3.4	50
53	Quantized output feedback control for nonlinear Markovian jump distributed parameter systems with unreliable communication links. Applied Mathematics and Computation, 2019, 353, 371-395.	2.2	25
54	Projective synchronization for two nonidentical time-delayed fractional-order Tâ€“S fuzzy neural networks based on mixed $${H_infty }$$ H â^ž /passive adaptive sliding mode control. International Journal of Machine Learning and Cybernetics, 2019, 10, 799-812.	3.6	5

#	Article	IF	Citations
55	Mixed $$H_infty $$ H âˆž /Passive Projective Synchronization for Nonidentical Uncertain Fractional-Order Neural Networks Based on Adaptive Sliding Mode Control. Neural Processing Letters, 2018, 47, 443.	3.2	7
56	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.	1.7	28
57	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.	4.2	15
58	Adaptive interval type-2 fuzzy sliding modeÂcontrol for fractional-order systems based on finite-time scheme. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1903-1915.	1.4	8
59	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.	2.7	14
60	H_{âˆž} 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	Distributed estimation for nonlinear PDE systems using space-sampling approach: applications to high-speed aerospace vehicle. Nonlinear Dynamics, 0, , 1.	5.2	6
63	Event-Triggered Fuzzy Adaptive Fixed-Time Output-Feedback Control for Nonlinear Systems With Multiple Objective Constraints. International Journal of Fuzzy Systems, 0, , .	4.0	4