

Shouming Zhong

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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.

101 papers	1,928 citations	25 h-index	40 g-index
130 ext. papers	2,330 ext. citations	3.6 avg, IF	5.61 L-index

#	Paper	IF	Citations
101	Event-triggered sampling control for stability and stabilization of memristive neural networks with communication delays. <i>Applied Mathematics and Computation</i> , 2017 , 310, 57-74	2.7	154
100	Adaptive fractional-order switching-type control method design for 3D fractional-order nonlinear systems. <i>Nonlinear Dynamics</i> , 2015 , 82, 39-52	5	143
99	Improved delay-dependent stability criterion for neural networks with time-varying delay. <i>Applied Mathematics and Computation</i> , 2011 , 217, 10278-10288	2.7	96
98	Pinning impulsive synchronization of complex dynamical networks with various time-varying delay sizes. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017 , 26, 307-318	4.5	82
97	Some novel approaches on state estimation of delayed neural networks. <i>Information Sciences</i> , 2016 , 372, 313-331	7.7	76
96	Exponential stability analysis of stochastic delayed cellular neural network. <i>Chaos, Solitons and Fractals</i> , 2006 , 27, 1006-1010	9.3	68
95	Constrained Control of Positive Discrete-Time Systems With Delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 193-197	3.5	61
94	Finite-time . <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 20, 571-582	3.7	60
93	Robust stability analysis for discrete-time stochastic neural networks systems with time-varying delays. <i>Applied Mathematics and Computation</i> , 2009 , 209, 305-313	2.7	58
92	Novel Finite-Time Reliable Control Design for Memristor-Based Inertial Neural Networks With Mixed Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 1599-1609	3.9	49
91	Novel results on nonfragile sampled-data exponential synchronization for delayed complex dynamical networks. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 4022-4042	3.6	49
90	New criteria of stability analysis for generalized neural networks subject to time-varying delayed signals. <i>Applied Mathematics and Computation</i> , 2017 , 314, 322-333	2.7	47
89	Stochastic stability criteria with LMI conditions for Markovian jumping impulsive BAM neural networks with mode-dependent time-varying delays and nonlinear reaction-diffusion. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 258-273	3.7	46
88	TB fuzzy model-based impulsive control of chaotic systems with exponential decay rate. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 370, 260-264	2.3	45
87	Sampled-data synchronization of chaotic LurB systems via input-delay-dependent-free-matrix zero equality approach. <i>Applied Mathematics and Computation</i> , 2017 , 315, 34-46	2.7	39
86	Stability analysis of neutral type neural networks with mixed time-varying delays using triple-integral and delay-partitioning methods. <i>ISA Transactions</i> , 2015 , 58, 85-95	5.5	36
85	Secure consensus of multi-agent systems with redundant signal and communication interference via distributed dynamic event-triggered control. <i>ISA Transactions</i> , 2021 , 112, 89-98	5.5	34

84	Further results on finite-time synchronization of delayed inertial memristive neural networks via a novel analysis method. <i>Neural Networks</i> , 2020 , 127, 47-57	9.1	34
83	Pinning Event-Triggered Sampling Control for Synchronization of TS Fuzzy Complex Networks With Partial and Discrete-Time Couplings. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2368-2380	8.3	33
82	Dynamical behaviors of impulsive reaction-diffusion Cohen-Grossberg neural network with delays. <i>Neurocomputing</i> , 2010 , 73, 1344-1351	5.4	33
81	Non-fragile asynchronous event-triggered control for uncertain delayed switched neural networks. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018 , 29, 54-73	4.5	32
80	Cluster synchronization of linearly coupled complex networks via linear and adaptive feedback pinning controls. <i>Nonlinear Dynamics</i> , 2017 , 88, 859-870	5	31
79	Dissipative Sampled-Data Control for High-Speed Train Systems With Quantized Measurements. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12	6.1	28
78	Robust delay-probability-distribution-dependent stability of uncertain stochastic genetic regulatory networks with random discrete delays and distributed delays. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2574-2596	3.6	27
77	Nonfragile Sampled-Data Synchronization for Delayed Complex Dynamical Networks With Randomly Occurring Controller Gain Fluctuations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2271-2281	7.3	25
76	Asymptotic stability in probability of singular stochastic systems with Markovian switchings. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 4312-4322	3.6	24
75	Finite-time H _∞ filtering for a class of discrete-time Markovian jump systems with partly unknown transition probabilities. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 1024-1042	2.8	23
74	Improved results for stochastic stabilization of a class of discrete-time singular Markovian jump systems with time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017 , 23, 11-26	4.5	22
73	Function projective synchronization of complex networks with asymmetric coupling via adaptive and pinning feedback control. <i>ISA Transactions</i> , 2016 , 65, 81-87	5.5	22
72	H control for a class of singular systems with state time-varying delay. <i>ISA Transactions</i> , 2017 , 66, 10-21	5.5	19
71	Stability criteria for T-S fuzzy systems with interval time-varying delays and nonlinear perturbations based on geometric progression delay partitioning method. <i>ISA Transactions</i> , 2016 , 63, 69-77	5.5	18
70	Delay partition method for the robust stability of uncertain genetic regulatory networks with time-varying delays. <i>Neurocomputing</i> , 2016 , 173, 899-911	5.4	16
69	Robust stability analysis of stochastic delayed genetic regulatory networks with polytopic uncertainties and linear fractional parametric uncertainties. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 1569-1581	3.7	16
68	Event-Triggered H_{∞} Load Frequency Control for Multi-Area Nonlinear Power Systems Based on Non-Fragile Proportional Integral Control Strategy. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-11	6.1	16
67	Memory feedback PID control for exponential synchronisation of chaotic Lur'e systems. <i>International Journal of Systems Science</i> , 2017 , 48, 2473-2484	2.3	15

66	Event-triggered sampling control for exponential synchronization of chaotic Lur \ddot{B} systems with time-varying communication delays. <i>Nonlinear Dynamics</i> , 2018 , 91, 905-921	5	15
65	Optimizing Energy Consumption for Lighting Control System via Multivariate Extremum Seeking Control With Diminishing Dither Signal. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019 , 16, 1848-1859	4.9	14
64	Improved passivity criteria for memristive neural networks with interval multiple time-varying delays. <i>Neurocomputing</i> , 2016 , 171, 1414-1430	5.4	14
63	On Stability of Neural Networks by a Lyapunov Functional-Based Approach. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2007 , 54, 912-924		14
62	Extended dissipative state estimation for uncertain discrete-time Markov jump neural networks with mixed time delays. <i>ISA Transactions</i> , 2017 , 66, 200-208	5.5	13
61	On the role of diffusion factors in stability analysis for p-Laplace dynamical equations involved to BAM Cohen-Grossberg neural network. <i>Neurocomputing</i> , 2017 , 223, 54-62	5.4	13
60	Non-fragile asynchronous H ∞ control for uncertain stochastic memory systems with Bernoulli distribution. <i>Applied Mathematics and Computation</i> , 2017 , 312, 109-128	2.7	12
59	Improved results on state feedback stabilization for a networked control system with additive time-varying delay components' controller. <i>ISA Transactions</i> , 2018 , 75, 1-14	5.5	12
58	Robust mode-dependent control for discrete-time singular Markovian jump systems with time-varying delay. <i>Journal of Control and Decision</i> , 2018 , 5, 241-264	0.9	12
57	Less conservative stability criteria for neural networks with discrete and distributed delays using a delay-partitioning approach. <i>Neurocomputing</i> , 2014 , 140, 273-282	5.4	12
56	Triple integral approach to reachable set bounding for linear singular systems with time-varying delay. <i>Mathematical Methods in the Applied Sciences</i> , 2017 , 40, 2949-2960	2.3	12
55	Delay-dependent stabilization for stochastic delayed fuzzy systems with impulsive effects. <i>International Journal of Control, Automation and Systems</i> , 2010 , 8, 127-134	2.9	12
54	Fuzzy Adaptive Event-Triggered Sampled-Data Control for Stabilization of TS Fuzzy Memristive Neural Networks With Reaction-Diffusion Terms. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	11
53	Novel results on dissipativity analysis for generalized delayed neural networks. <i>Neurocomputing</i> , 2019 , 332, 328-338	5.4	10
52	Adaptive Fractional-Order SMC Controller Design for Unmanned Quadrotor Helicopter Under Actuator Fault and Disturbances. <i>IEEE Access</i> , 2020 , 8, 103792-103802	3.5	9
51	Exponential convergence analysis of uncertain genetic regulatory networks with time-varying delays. <i>ISA Transactions</i> , 2014 , 53, 1544-53	5.5	9
50	On the Dynamics of an Impulsive Reaction-Diffusion Predator-Prey System with Ratio-Dependent Functional Response. <i>Acta Applicandae Mathematicae</i> , 2011 , 115, 329-349	1.1	9
49	Global stability of a stochastic predator-prey model with Allee effect. <i>International Journal of Biomathematics</i> , 2015 , 08, 1550044	1.8	8

48	Dynamics of a diffusive predator-prey model with modified Leslie-Gower schemes and additive Allee effect. <i>Computational and Applied Mathematics</i> , 2015 , 34, 671-690		8
47	Global Stability of a Stage-Structured Predator-Prey Model with Stochastic Perturbation. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-8	1.1	8
46	Improved delay-dependent robust passivity criteria for uncertain neural networks with discrete and distributed delays. <i>Chaos, Solitons and Fractals</i> , 2017 , 103, 23-32	9.3	7
45	Stability Analysis of Impulsive Stochastic Reaction-Diffusion Cellular Neural Network with Distributed Delay via Fixed Point Theory. <i>Complexity</i> , 2017 , 2017, 1-9	1.6	7
44	Improved results on synchronisation of delayed complex dynamical networks via sampled-data control. <i>International Journal of Systems Science</i> , 2018 , 49, 1242-1255	2.3	6
43	Sampled-data synchronisation for memristive neural networks with multiple time-varying delays via extended convex combination method. <i>IET Control Theory and Applications</i> , 2018 , 12, 922-932	2.5	6
42	Robust Stability of Switched Delay Systems with Average Dwell Time under Asynchronous Switching. <i>Journal of Applied Mathematics</i> , 2012 , 2012, 1-17	1.1	6
41	An Improved Bearing Fault Diagnosis Scheme Based on Hierarchical Fuzzy Entropy and Alexnet Network. <i>IEEE Access</i> , 2021 , 9, 61710-61720	3.5	6
40	LMI-based robust exponential stability criterion of impulsive integro-differential equations with uncertain parameters via contraction mapping theory. <i>Advances in Difference Equations</i> , 2017 , 2017, 1-10	3.6	5
39	Exponential H ₂ -synchronization of non-fragile sampled-data controlled complex dynamical networks with random coupling and time varying delay. <i>Systems Science and Control Engineering</i> , 2018 , 6, 370-387	2	5
38	Existence of Exponential-Stability Nonconstant Equilibrium of Markovian Jumping Nonlinear Diffusion Equations via Ekeland Variational Principle. <i>Advances in Mathematical Physics</i> , 2015 , 2015, 1-10 ^{1.1}		5
37	Finite-Time Stabilization of H ₂ -Filtering for Switched Stochastic Systems. <i>Circuits, Systems, and Signal Processing</i> , 2013 , 32, 1595-1613	2.2	5
36	LMI-Based Stability Criterion for Impulsive Delays Markovian Jumping Time-Delays Reaction-Diffusion BAM Neural Networks via Gronwall-Bellman-Type Impulsive Integral Inequality. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-11	1.1	4
35	Stability analysis of positive systems with unbounded delays 2010 ,		4
34	Dynamic Analysis of Stochastic Reaction-Diffusion Cohen-Grossberg Neural Networks with Delays. <i>Advances in Difference Equations</i> , 2009 , 2009, 1-18	3.6	4
33	Novel Criteria on Global Robust Exponential Stability to a Class of Reaction-Diffusion Neural Networks with Delays. <i>Discrete Dynamics in Nature and Society</i> , 2009 , 2009, 1-14	1.1	4
32	LMI Approach to Stability Analysis of Cohen-Grossberg Neural Networks with p-Laplace Diffusion. <i>Journal of Applied Mathematics</i> , 2012 , 2012, 1-12	1.1	4
31	Novel Heterogeneous Mode-dependent Impulsive Synchronization for Piecewise T-S Fuzzy Probabilistic Coupled Delayed Neural Networks. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	4

30	Finite-Time Robust Stability of Uncertain Genetic Regulatory Networks with Time-Varying Delays and Reaction-Diffusion Terms. <i>Complexity</i> , 2019 , 2019, 1-18	1.6	3
29	Improved delay-probability-dependent results for stochastic neural networks with randomly occurring uncertainties and multiple delays. <i>International Journal of Systems Science</i> , 2018 , 49, 2039-2053	3.3	3
28	A descriptor system approach to robust stability of uncertain degenerate systems with discrete and distribute delays. <i>Journal of Control Theory and Applications</i> , 2007 , 5, 357-364		3
27	Co-Design of Observer-Based Fault Detection Filter and Dynamic Event-Triggered Controller for Wind Power System Under Dual Alterable DoS Attacks. <i>IEEE Transactions on Information Forensics and Security</i> , 2022 , 17, 1270-1284	8	3
26	On the Role of Diffusion Behaviors in Stability Criterion for p-Laplace Dynamical Equations with Infinite Delay and Partial Fuzzy Parameters under Dirichlet Boundary Value. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-8	1.1	2
25	Time series forecasting using an ensemble model incorporating ARIMA and ANN based on combined objectives 2011 ,		2
24	Robust non-fragile H ₂ control for a class of switched neutral systems 2007 ,		2
23	Improved delay-dependent criteria for uncertain neural networks with two additive time-varying delay components 2016 ,		2
22	Output feedback control for semi-Markovian jump systems with time-varying delay. <i>Journal of Control and Decision</i> , 2020 , 7, 215-240	0.9	2
21	Lag synchronisation of master-slave dynamical systems via intermittent control. <i>International Journal of Systems Science</i> , 2018 , 49, 3346-3353	2.3	2
20	p-th Moment Stability of a Stationary Solution for a Reaction Diffusion System with Distributed Delays. <i>Mathematics</i> , 2020 , 8, 200	2.3	1
19	New Stability Criterion for Takagi-Sugeno Fuzzy Cohen-Grossberg Neural Networks with Probabilistic Time-Varying Delays. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-11	1.1	1
18	Nonfragile Sampled-Data Filtering of Uncertain Fuzzy Systems With Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-12	7.3	1
17	LMI-Based Stability Criterion for Impulsive CGNNs via Fixed Point Theory. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-10	1.1	1
16	BIBO Stabilization of Discrete-Time Stochastic Control Systems with Mixed Delays and Nonlinear Perturbations. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-11	0.7	1
15	NOVEL EXPONENTIAL STABILITY CONDITIONS FOR A CLASS OF INTERVAL PROJECTION NEURAL NETWORKS. <i>International Journal of Biomathematics</i> , 2009 , 02, 287-297	1.8	1
14	Robust stability for uncertain neutral systems with mixed time-varying delays. <i>Journal of Control Theory and Applications</i> , 2009 , 7, 192-196		1
13	A New Delayed Projection Neural Network for Solving Linear Variational Inequalities and Quadratic Optimization Problems 2008 ,		1

12	Fixed Points and Exponential Stability for Impulsive Time-Delays BAM Neural Networks via LMI Approach and Contraction Mapping Principle. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-8	1.1	1
11	Dynamic Pinning Synchronization of Fuzzy-dependent-switched Coupled Memristive Neural Networks with Mismatched Dimensions on Time Scales. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	1
10	Boundedness and robust analysis of dynamics of nonlinear diffusion high-order Markovian jump time-delay system. <i>Advances in Difference Equations</i> , 2018 , 2018,	3.6	1
9	Robust Stability of Nonlinear Diffusion Fuzzy Neural Networks with Parameter Uncertainties and Time Delays. <i>Complexity</i> , 2018 , 2018, 1-19	1.6	1
8	Quantized dissipative control based on T-S fuzzy model for wind generation systems. <i>ISA Transactions</i> , 2021 ,	5.5	1
7	Dissipativity-based synthesis for semi-Markovian systems with simultaneous probabilistic sensors and actuators faults: A modified event-triggered strategy. <i>ISA Transactions</i> , 2021 ,	5.5	1
6	Dissipativity-based resilient reliable sampled-data asynchronous control for interval-valued fuzzy systems with semi-Markovian hybrid fault coefficients. <i>Nonlinear Dynamics</i> , 2022 , 107, 2215	5	0
5	Novel Delay-Dependent Stabilization Criterion for Lur \bar{B} Systems with Sector-Restricted Nonlinearities and External Disturbances via PD Feedback Approach. <i>Journal of Optimization Theory and Applications</i> , 2011 , 151, 81-99	1.6	
4	New Stability Results of the Delay Dynamical System via a Novel Relaxed Condition. <i>IEEE Access</i> , 2021 , 1-1	3.5	
3	Further Results on Stability Analysis for Uncertain Delayed Neural Networks with Reliable Memory Feedback Control. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-16	1.1	
2	Improved Results on H ∞ State Estimation of Static Neural Networks with Time Delay. <i>Journal of Control Science and Engineering</i> , 2016 , 2016, 1-11	1.2	
1	Contraction Mapping Theory and Approach to LMI-Based Stability Criteria of T-S Fuzzy Impulsive Time-Delays Integrodifferential Equations. <i>Journal of Function Spaces</i> , 2016 , 2016, 1-14	0.8	