Shouming Zhong

List of Publications by Year in Descending Order

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	Dissipativity-based resilient reliable sampled-data asynchronous control for interval-valued fuzzy systems with semi-Markovian hybrid fault coefficients. *Nonlinear Dynamics*, **2022**, 107, 2215	5	0
100	Co-Design of Observer-Based Fault Detection Filter and Dynamic Event-Triggered Controller for Wind Power System Under Dual Alterable DoS Attacks. *IEEE Transactions on Information Forensics and Security*, **2022**, 17, 1270-1284	8	3
99	New Stability Results of the Delay Dynamical System via a Novel Relaxed Condition. *IEEE Access*, **2021**, 1-1	3.5	
98	Further Results on Stability Analysis for Uncertain Delayed Neural Networks with Reliable Memory Feedback Control. *Mathematical Problems in Engineering*, **2021**, 2021, 1-16	1.1	
97	Novel Finite-Time Reliable Control Design for Memristor-Based Inertial Neural Networks With Mixed Time-Varying Delays. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 1599-1609	3.9	49
96	Secure consensus of multi-agent systems with redundant signal and communication interference via distributed dynamic event-triggered control. *ISA Transactions*, **2021**, 112, 89-98	5.5	34
95	Novel Heterogeneous Mode-dependent Impulsive Synchronization for Piecewise T-S Fuzzy Probabilistic Coupled Delayed Neural Networks. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	4
94	Dynamic Pinning Synchronization of Fuzzy-dependent-switched Coupled Memristive Neural Networks with Mismatched Dimensions on Time Scales. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	1
93	Dissipative Sampled-Data Control for High-Speed Train Systems With Quantized Measurements. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-12	6.1	28
92	An Improved Bearing Fault Diagnosis Scheme Based on Hierarchical Fuzzy Entropy and Alexnet Network. *IEEE Access*, **2021**, 9, 61710-61720	3.5	6
91	Event-Triggered H_{∞} Load Frequency Control for Multi-Area Nonlinear Power Systems Based on Non-Fragile Proportional Integral Control Strategy. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-11	6.1	16
90	Quantized dissipative control based on T-S fuzzy model for wind generation systems. *ISA Transactions*, **2021**,	5.5	1
89	Dissipativity-based synthesis for semi-Markovian systems with simultaneous probabilistic sensors and actuators faults: A modified event-triggered strategy. *ISA Transactions*, **2021**,	5.5	1
88	Adaptive Fractional-Order SMC Controller Design for Unmanned Quadrotor Helicopter Under Actuator Fault and Disturbances. *IEEE Access*, **2020**, 8, 103792-103802	3.5	9
87	pth Moment Stability of a Stationary Solution for a Reaction Diffusion System with Distributed Delays. *Mathematics*, **2020**, 8, 200	2.3	1
86	Fuzzy Adaptive Event-Triggered Sampled-Data Control for Stabilization of T-S Fuzzy Memristive Neural Networks With Reaction-Diffusion Terms. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	11
85	Output feedback control for semi-Markovian jump systems with time-varying delay. *Journal of Control and Decision*, **2020**, 7, 215-240	0.9	2

84	Novel results on nonfragile sampled-data exponential synchronization for delayed complex dynamical networks. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 4022-4042	3.6	49
83	Further results on finite-time synchronization of delayed inertial memristive neural networks via a novel analysis method. *Neural Networks*, **2020**, 127, 47-57	9.1	34
82	Optimizing Energy Consumption for Lighting Control System via Multivariate Extremum Seeking Control With Diminishing Dither Signal. *IEEE Transactions on Automation Science and Engineering*, **2019**, 16, 1848-1859	4.9	14
81	Finite-Time Robust Stability of Uncertain Genetic Regulatory Networks with Time-Varying Delays and Reaction-Diffusion Terms. *Complexity*, **2019**, 2019, 1-18	1.6	3
80	Pinning Event-Triggered Sampling Control for Synchronization of TS Fuzzy Complex Networks With Partial and Discrete-Time Couplings. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 2368-2380	8.3	33
79	Nonfragile Sampled-Data Filtering of Uncertain Fuzzy Systems With Time-Varying Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-12	7.3	1
78	Novel results on dissipativity analysis for generalized delayed neural networks. *Neurocomputing*, **2019**, 332, 328-338	5.4	10
77	Improved results on state feedback stabilization for a networked control system with additive time-varying delay components' controller. *ISA Transactions*, **2018**, 75, 1-14	5.5	12
76	Improved results on synchronisation of delayed complex dynamical networks via sampled-data control. *International Journal of Systems Science*, **2018**, 49, 1242-1255	2.3	6
75	Non-fragile asynchronous event-triggered control for uncertain delayed switched neural networks. *Nonlinear Analysis: Hybrid Systems*, **2018**, 29, 54-73	4.5	32
74	Nonfragile Sampled-Data Synchronization for Delayed Complex Dynamical Networks With Randomly Occurring Controller Gain Fluctuations. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2271-2281	7.3	25
73	Robust mode-dependent control for discrete-time singular Markovian jump systems with time-varying delay. *Journal of Control and Decision*, **2018**, 5, 241-264	0.9	12
72	Sampled-data synchronisation for memristive neural networks with multiple time-varying delays via extended convex combination method. *IET Control Theory and Applications*, **2018**, 12, 922-932	2.5	6
71	Exponential H∞ synchronization of non-fragile sampled-data controlled complex dynamical networks with random coupling and time varying delay. *Systems Science and Control Engineering*, **2018**, 6, 370-387	2	5
70	Improved delay-probability-dependent results for stochastic neural networks with randomly occurring uncertainties and multiple delays. *International Journal of Systems Science*, **2018**, 49, 2039-2059	2.3	3
69	Event-triggered sampling control for exponential synchronization of chaotic Lure systems with time-varying communication delays. *Nonlinear Dynamics*, **2018**, 91, 905-921	5	15
68	Boundedness and robust analysis of dynamics of nonlinear diffusion high-order Markovian jump time-delay system. *Advances in Difference Equations*, **2018**, 2018,	3.6	1
67	Lag synchronisation of master-slave dynamical systems via intermittent control. *International Journal of Systems Science*, **2018**, 49, 3346-3353	2.3	2

66	Robust Stability of Nonlinear Diffusion Fuzzy Neural Networks with Parameter Uncertainties and Time Delays. *Complexity*, **2018**, 2018, 1-19	1.6	1
65	Improved results for stochastic stabilization of a class of discrete-time singular Markovian jump systems with time-varying delay. *Nonlinear Analysis: Hybrid Systems*, **2017**, 23, 11-26	4.5	22
64	Cluster synchronization of linearly coupled complex networks via linear and adaptive feedback pinning controls. *Nonlinear Dynamics*, **2017**, 88, 859-870	5	31
63	LMI-based robust exponential stability criterion of impulsive integro-differential equations with uncertain parameters via contraction mapping theory. *Advances in Difference Equations*, **2017**, 2017,	3.6	5
62	Extended dissipative state estimation for uncertain discrete-time Markov jump neural networks with mixed time delays. *ISA Transactions*, **2017**, 66, 200-208	5.5	13
61	Memory feedback PID control for exponential synchronisation of chaotic Lur'e systems. *International Journal of Systems Science*, **2017**, 48, 2473-2484	2.3	15
60	Event-triggered sampling control for stability and stabilization of memristive neural networks with communication delays. *Applied Mathematics and Computation*, **2017**, 310, 57-74	2.7	154
59	Non-fragile asynchronous H control for uncertain stochastic memory systems with Bernoulli distribution. *Applied Mathematics and Computation*, **2017**, 312, 109-128	2.7	12
58	Improved delay-dependent robust passivity criteria for uncertain neural networks with discrete and distributed delays. *Chaos, Solitons and Fractals*, **2017**, 103, 23-32	9.3	7
57	Asymptotic stability in probability of singular stochastic systems with Markovian switchings. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 4312-4322	3.6	24
56	New Stability Criterion for Takagi-Sugeno Fuzzy Cohen-Grossberg Neural Networks with Probabilistic Time-Varying Delays. *Mathematical Problems in Engineering*, **2017**, 2017, 1-11	1.1	1
55	New criteria of stability analysis for generalized neural networks subject to time-varying delayed signals. *Applied Mathematics and Computation*, **2017**, 314, 322-333	2.7	47
54	Sampled-data synchronization of chaotic Lur'e systems via input-delay-dependent-free-matrix zero equality approach. *Applied Mathematics and Computation*, **2017**, 315, 34-46	2.7	39
53	On the role of diffusion factors in stability analysis for p-Laplace dynamical equations involved to BAM Cohen-Grossberg neural network. *Neurocomputing*, **2017**, 223, 54-62	5.4	13
52	H control for a class of singular systems with state time-varying delay. *ISA Transactions*, **2017**, 66, 10-21	5.5	19
51	Triple integral approach to reachable set bounding for linear singular systems with time-varying delay. *Mathematical Methods in the Applied Sciences*, **2017**, 40, 2949-2960	2.3	12
50	Stability Analysis of Impulsive Stochastic Reaction-Diffusion Cellular Neural Network with Distributed Delay via Fixed Point Theory. *Complexity*, **2017**, 2017, 1-9	1.6	7
49	Pinning impulsive synchronization of complex dynamical networks with various time-varying delay sizes. *Nonlinear Analysis: Hybrid Systems*, **2017**, 26, 307-318	4.5	82

48	Delay partition method for the robust stability of uncertain genetic regulatory networks with time-varying delays. *Neurocomputing*, **2016**, 173, 899-911	5.4	16
47	Some novel approaches on state estimation of delayed neural networks. *Information Sciences*, **2016**, 372, 313-331	7.7	76
46	Improved passivity criteria for memristive neural networks with interval multiple time-varying delays. *Neurocomputing*, **2016**, 171, 1414-1430	5.4	14
45	Fixed Points and Exponential Stability for Impulsive Time-Delays BAM Neural Networks via LMI Approach and Contraction Mapping Principle. *Mathematical Problems in Engineering*, **2016**, 2016, 1-8	1.1	1
44	Improved Results on H∞ State Estimation of Static Neural Networks with Time Delay. *Journal of Control Science and Engineering*, **2016**, 2016, 1-11	1.2	
43	Contraction Mapping Theory and Approach to LMI-Based Stability Criteria of T-S Fuzzy Impulsive Time-Delays Integrodifferential Equations. *Journal of Function Spaces*, **2016**, 2016, 1-14	0.8	
42	Stability criteria for T-S fuzzy systems with interval time-varying delays and nonlinear perturbations based on geometric progression delay partitioning method. *ISA Transactions*, **2016**, 63, 69-77	5.5	18
41	Improved delay-dependent criteria for uncertain neural networks with two additive time-varying delay components **2016**,		2
40	Function projective synchronization of complex networks with asymmetric coupling via adaptive and pinning feedback control. *ISA Transactions*, **2016**, 65, 81-87	5.5	22
39	Adaptive fractional-order switching-type control method design for 3D fractional-order nonlinear systems. *Nonlinear Dynamics*, **2015**, 82, 39-52	5	143
38	Stability analysis of neutral type neural networks with mixed time-varying delays using triple-integral and delay-partitioning methods. *ISA Transactions*, **2015**, 58, 85-95	5.5	36
37	Global stability of a stochastic predator-prey model with Allee effect. *International Journal of Biomathematics*, **2015**, 08, 1550044	1.8	8
36	Dynamics of a diffusive predator-prey model with modified Leslie-Gower schemes and additive Allee effect. *Computational and Applied Mathematics*, **2015**, 34, 671-690		8
35	Finite-time . *Communications in Nonlinear Science and Numerical Simulation*, **2015**, 20, 571-582	3.7	60
34	LMI-Based Stability Criterion for Impulsive CGNNs via Fixed Point Theory. *Mathematical Problems in Engineering*, **2015**, 2015, 1-10	1.1	1
33	Existence of Exponential p-Stability Nonconstant Equilibrium of Markovian Jumping Nonlinear Diffusion Equations via Ekeland Variational Principle. *Advances in Mathematical Physics*, **2015**, 2015, 1-10	1.1	5
32	LMI-Based Stability Criterion for Impulsive Delays Markovian Jumping Time-Delays Reaction-Diffusion BAM Neural Networks via Gronwall-Bellman-Type Impulsive Integral Inequality. *Mathematical Problems in Engineering*, **2015**, 2015, 1-11	1.1	4
31	Less conservative stability criteria for neural networks with discrete and distributed delays using a delay-partitioning approach. *Neurocomputing*, **2014**, 140, 273-282	5.4	12

30	Finite-time H filtering for a class of discrete-time Markovian jump systems with partly unknown transition probabilities. *International Journal of Adaptive Control and Signal Processing*, **2014**, 28, 1024-1042	2.8	23
29	Robust stability analysis of stochastic delayed genetic regulatory networks with polytopic uncertainties and linear fractional parametric uncertainties. *Communications in Nonlinear Science and Numerical Simulation*, **2014**, 19, 1569-1581	3.7	16
28	Exponential convergence analysis of uncertain genetic regulatory networks with time-varying delays. *ISA Transactions*, **2014**, 53, 1544-53	5.5	9
27	Stochastic stability criteria with LMI conditions for Markovian jumping impulsive BAM neural networks with mode-dependent time-varying delays and nonlinear reaction diffusion. *Communications in Nonlinear Science and Numerical Simulation*, **2014**, 19, 258-273	3.7	46
26	Robust delay-probability-distribution-dependent stability of uncertain stochastic genetic regulatory networks with random discrete delays and distributed delays. *International Journal of Robust and Nonlinear Control*, **2014**, 24, 2574-2596	3.6	27
25	Global Stability of a Stage-Structured Predator-Prey Model with Stochastic Perturbation. *Discrete Dynamics in Nature and Society*, **2014**, 2014, 1-8	1.1	8
24	Finite-Time Stabilization of H Filtering for Switched Stochastic Systems. *Circuits, Systems, and Signal Processing*, **2013**, 32, 1595-1613	2.2	5
23	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. *Journal of Applied Mathematics*, **2013**, 2013, 1-8	1.1	2
22	BIBO Stabilization of Discrete-Time Stochastic Control Systems with Mixed Delays and Nonlinear Perturbations. *Abstract and Applied Analysis*, **2013**, 2013, 1-11	0.7	1
21	Robust Stability of Switched Delay Systems with Average Dwell Time under Asynchronous Switching. *Journal of Applied Mathematics*, **2012**, 2012, 1-17	1.1	6
20	LMI Approach to Stability Analysis of Cohen-Grossberg Neural Networks with p-Laplace Diffusion. *Journal of Applied Mathematics*, **2012**, 2012, 1-12	1.1	4
19	Novel Delay-Dependent Stabilization Criterion for Luré Systems with Sector-Restricted Nonlinearities and External Disturbances via PD Feedback Approach. *Journal of Optimization Theory and Applications*, **2011**, 151, 81-99	1.6	
18	On the Dynamics of an Impulsive Reaction-Diffusion Predator-Prey System with Ratio-Dependent Functional Response. *Acta Applicandae Mathematicae*, **2011**, 115, 329-349	1.1	9
17	Improved delay-dependent stability criterion for neural networks with time-varying delay. *Applied Mathematics and Computation*, **2011**, 217, 10278-10288	2.7	96
16	Time series forecasting using an ensemble model incorporating ARIMA and ANN based on combined objectives **2011**,		2
15	Stability analysis of positive systems with unbounded delays **2010**,		4
14	Delay-dependent stabilization for stochastic delayed fuzzy systems with impulsive effects. *International Journal of Control, Automation and Systems*, **2010**, 8, 127-134	2.9	12
13	Dynamical behaviors of impulsive reaction diffusion Cohen Grossberg neural network with delays. *Neurocomputing*, **2010**, 73, 1344-1351	5.4	33

List of Publications

12	NOVEL EXPONENTIAL STABILITY CONDITIONS FOR A CLASS OF INTERVAL PROJECTION NEURAL NETWORKS. *International Journal of Biomathematics*, **2009**, 02, 287-297	1.8	1
11	Dynamic Analysis of Stochastic Reaction-Diffusion Cohen-Grossberg Neural Networks with Delays. *Advances in Difference Equations*, **2009**, 2009, 1-18	3.6	4
10	Novel Criteria on Global Robust Exponential Stability to a Class of Reaction-Diffusion Neural Networks with Delays. *Discrete Dynamics in Nature and Society*, **2009**, 2009, 1-14	1.1	4
9	Robust stability for uncertain neutral systems with mixed time-varying delays. *Journal of Control Theory and Applications*, **2009**, 7, 192-196		1
8	Robust stability analysis for discrete-time stochastic neural networks systems with time-varying delays. *Applied Mathematics and Computation*, **2009**, 209, 305-313	2.7	58
7	Constrained Control of Positive Discrete-Time Systems With Delays. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2008**, 55, 193-197	3.5	61
6	A New Delayed Projection Neural Network for Solving Linear Variational Inequalities and Quadratic Optimization Problems **2008**,		1
5	Robust non-fragile H∞ control for a class of switched neutral systems **2007**,		2
4	T–S fuzzy model-based impulsive control of chaotic systems with exponential decay rate. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 370, 260-264	2.3	45
3	A descriptor system approach to robust stability of uncertain degenerate systems with discrete and distribute delays. *Journal of Control Theory and Applications*, **2007**, 5, 357-364		3
2	On Stability of Neural Networks by a Lyapunov Functional-Based Approach. *IEEE Transactions on Circuits and Systems Part 1: Regular Papers*, **2007**, 54, 912-924		14
1	Exponential stability analysis of stochastic delayed cellular neural network. *Chaos, Solitons and Fractals*, **2006**, 27, 1006-1010	9.3	68