Xinzhi Liu

List of Publications by Year
in descending order

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276	7,589	46918 47	74018 75
papers	citations	h-index	g-index

283	283	283	2960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Finite-Time Synchronization of Complex Dynamical Networks via a Novel Hybrid Controller. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1040-1049.	7.2	5
2	Sampled-Data-Based Event-Triggered Synchronization Strategy for Fractional and Impulsive Complex Networks With Switching Topologies and Time-Varying Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3568-3580.	5.9	19
3	Hybrid Event-Triggered and Impulsive Control Strategy for Multiagent Systems With Switching Topologies. IEEE Transactions on Cybernetics, 2022, 52, 6283-6294.	6.2	9
4	Event-based masterâ€“slave synchronization of complex-valued neural networks via pinning impulsive control. Neural Networks, 2022, 145, 374-385.	3.3	29
5	A second-order accelerated neurodynamic approach for distributed convex optimization. Neural Networks, 2022, 146, 161-173.	3.3	16
6	Updating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e80" altimg="si1.svg"><mml:msub><mml:mrow><mml:mi>t</mml:mi></mml:mrow><mml:mrow><mml:mi>k</mml:mi><mml:mo>â^’</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:math> is significant to Caputo fractional order switching systems: A reply to Huâ€™s comments. Nonlinear Analysis: Hybrid Systems, 2022, 44, 101123.	2.1	2
7	Analysis and robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e121" altimg="si3.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:math> for systems of stochastic differential equations with piecewise constant arguments. Nonlinear Analysis: Hybrid Systems, 2022, 44, 101165.	2.1	2
8	Stabilization of Boolean control networks with state-triggered impulses. Science China Information Sciences, 2022, 65, 1.	2.7	13
9	Input-to-state stability for switched stochastic nonlinear systems with mode-dependent random impulses. Information Sciences, 2022, 596, 588-607.	4.0	7
10	Adaptive fractional order predictive sliding mode control for congestion control of wireless access networks. International Journal of Robust and Nonlinear Control, 2022, 32, 7271-7289.	2.1	1
11	Nonfragile Sampled-Data Filtering of Uncertain Fuzzy Systems With Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4993-5004.	5.9	10
12	Neural-Network-Based Robust Tracking Control for Condenser Cleaning Crawler-Type Mobile Manipulators with Delayed Uncertainties. International Journal of Social Robotics, 2021, 13, 1385-1396.	3.1	0
13	Reliable Hâˆž Control on Stochastic Delayed Markovian Jump System with Asynchronous Jumped Actuator Failure. International Journal of Control, Automation and Systems, 2021, 19, 618-631.	1.6	3
14	Finite-time stability and controller design for a class of hybrid dynamical systems with deviating argument. Nonlinear Analysis: Hybrid Systems, 2021, 39, 100952.	2.1	10
15	Threshold dynamics and pulse control of a stochastic ecosystem with switching parameters. Journal of the Franklin Institute, 2021, 358, 516-532.	1.9	10
16	Invariant manifold-guided impulsive stabilization of delay equations. IEEE Transactions on Automatic Control, 2021, , 1-1.	3.6	1
17	Mean-Square Stability of Stochastic System with Impulse and Unbounded Delay. Springer Proceedings in Mathematics and Statistics, 2021, , 177-185.	0.1	0
18	Input-to-state stabilization of time-delay systems: An event-triggered hybrid approach with delay-dependent impulses. Journal of the Franklin Institute, 2021, 358, 2744-2764.	1.9	1

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19	Secure consensus of multi-agent systems with redundant signal and communication interference via distributed dynamic event-triggered control. ISA Transactions, 2021, 112, 89-98.	3.1	77
20	Sliding Dynamics and Bifurcations in the Extended Nonsmooth Filippov Ecosystem. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150119.	0.7	3
21	Networked sampled-data control of distributed parameter systems via distributed sensor networks. Communications in Nonlinear Science and Numerical Simulation, 2021, 98, 105773.	1.7	8
22	Convergence Analysis of a Continuous-Time Distributed Gradient Descent Algorithm. , 2021, 5, 1339-1344.		15
23	IGAGCN: Information geometry and attention-based spatiotemporal graph convolutional networks for traffic flow prediction. Neural Networks, 2021, 143, 355-367.	3.3	40
24	Input-to-State Stability for Delayed Hybrid Systems and $$H_{infty }$$ Control. Springer Proceedings in Mathematics and Statistics, 2021, , 221-231.	0.1	0
25	Eventâ€triggered predictorâ€based control of distributed parameter systems. IET Control Theory and Applications, 2021, 15, 721-736.	1.2	1
26	Invariant Manifold Theory. IFSR International Series on Systems Science and Engineering, 2021, , 221-234.	0.3	0
27	Nonlinear Systems and Stability. IFSR International Series on Systems Science and Engineering, 2021, , 55-66.	0.3	0
28	Existence, Regularity and Invariance of Centre Manifolds. IFSR International Series on Systems Science and Engineering, 2021, , 67-109.	0.3	0
29	Smooth Bifurcations. IFSR International Series on Systems Science and Engineering, 2021, , 151-190.	0.3	0
30	A Hybrid Proportional Impulsive Plus Integral Robust Control Algorithm for Hâˆž Stabilization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5211-5220.	5.9	13
31	Stability analysis by contraction principle for impulsive systems with infinite delays. Communications in Nonlinear Science and Numerical Simulation, 2020, 82, 105021.	1.7	7
32	Finite-time<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e121" altimg="si6.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> control for Tâ€“S fuzzy systems with variable sampling. Physica A: Statistical Mechanics and Its Applications, 2020, 538, 122697.	1.2	11
33	Stability of Stochastic Functional Differential Systems with Semi-Markovian Switching and LÃ©vy Noise and Its Application. International Journal of Control, Automation and Systems, 2020, 18, 708-718.	1.6	3
34	Stabilization analysis for fuzzy systems with a switched sampled-data control. Journal of the Franklin Institute, 2020, 357, 39-58.	1.9	64
35	Adaptive control of Markov jump distributed parameter systems via model reference. Fuzzy Sets and Systems, 2020, 392, 115-135.	1.6	7
36	Input-to-State Stability of Time-Delay Systems With Delay-Dependent Impulses. IEEE Transactions on Automatic Control, 2020, 65, 1676-1682.	3.6	61

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37	A PAIM control scheme on hybrid system with its application on SIDO buck converter. Physica A: Statistical Mechanics and Its Applications, 2020, 540, 123118.	1.2	0
38	Stochastic robust finiteâ€time boundedness for semiâ€Markov jump uncertain neutralâ€type neural networks with mixed timeâ€varying delays via a generalized reciprocally convex combination inequality. International Journal of Robust and Nonlinear Control, 2020, 30, 2001-2019.	2.1	14
39	A New Refined Lyapunov Functional for Time-Varying Delayed Systems. , 2020, , .		0
40	Mode-dependent impulsive control of positive switched systems: Stability and L1-gain analysis. Chaos, Solitons and Fractals, 2020, 140, 110276.	2.5	8
41	Predictive slidingâ€mode congestion control for wireless access networks with singular and nonâ€singular control gain. IET Control Theory and Applications, 2020, 14, 1722-1732.	1.2	10
42	TIME-VARYING EPIDEMIC TRANSMISSION IN HETEROGENEOUS NETWORKS AND APPLICATIONS TO MEASLES. Journal of Biological Systems, 2020, 28, 901-926.	0.5	3
43	Multi-group formation tracking control via impulsive strategy. Neurocomputing, 2020, 411, 487-497.	3.5	15
44	The continuation of solutions to systems of Caputo fractional order differential equations. Fractional Calculus and Applied Analysis, 2020, 23, 591-599.	1.2	14
45	Exponential Hâˆž synchronization of switching fuzzy systems with time-varying delay and impulses. Fuzzy Sets and Systems, 2019, 365, 116-139.	1.6	16
46	Exponential stability of impulsive complex-valued neural networks with time delay. Mathematics and Computers in Simulation, 2019, 156, 143-157.	2.4	36
47	Almost sure stability of secondâ€order nonlinear stochastic system with LÃ©vy noise via sliding mode control. International Journal of Robust and Nonlinear Control, 2019, 29, 6053-6063.	2.1	9
48	Synchronization of coupled reaction-diffusion neural networks: Delay-dependent pinning impulsive control. Communications in Nonlinear Science and Numerical Simulation, 2019, 79, 104905.	1.7	21
49	Synchronization of delayed coupled switched neural networks: Mode-dependent average impulsive interval. Neurocomputing, 2019, 365, 261-272.	3.5	35
50	Cost-Effective Robust Stabilization and Bifurcation Suppression. SIAM Journal on Control and Optimization, 2019, 57, 2240-2268.	1.1	5
51	Synchronization of singular switched complex networks via impulsive control with all nonsynchronized subnetworks. International Journal of Robust and Nonlinear Control, 2019, 29, 4872-4887.	2.1	18
52	Exponential stability and H_{âˆž} control of uncertain singular nonlinear switched systems with impulsive perturbations. International Journal of Systems Science, 2019, 50, 2424-2436.	3.7	9
53	Impulsive Systems on Hybrid Time Domains. , 2019, , .		23
54	Control Problems on Time Scales. , 2019, , 285-301.		0

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55	Stochastic synchronization of semi-Markovian jump chaotic Lurâ€™e systems with packet dropouts subject to multiple sampling periods. Journal of the Franklin Institute, 2019, 356, 6899-6925.	1.9	14
56	Analysis of a SIR model with pulse vaccination and temporary immunity: Stability, bifurcation and a cylindrical attractor. Nonlinear Analysis: Real World Applications, 2019, 50, 240-266.	0.9	17
57	Impulsive observer design for a class of switched nonlinear systems with unknown inputs. Journal of the Franklin Institute, 2019, 356, 6757-6777.	1.9	11
58	Lyapunov and external stability of Caputo fractional order switching systems. Nonlinear Analysis: Hybrid Systems, 2019, 34, 131-146.	2.1	30
59	Models to Assess the Effects of Nonsmooth Control and Stochastic Perturbation on Pest Control: A Pest-Natural-Enemy Ecosystem. Complexity, 2019, 2019, 1-14.	0.9	2
60	Computation of centre manifolds and some codimension-one bifurcations for impulsive delay differential equations. Journal of Differential Equations, 2019, 267, 3852-3921.	1.1	17
61	Exponential Stability of Impulsive Time-Delay Systems on Time Scales. , 2019, , 261-284.		0
62	Dynamics and Bifurcation Analysis of a Filippov Predatorâ€“Prey Ecosystem in a Seasonally Fluctuating Environment. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950020.	0.7	22
63	New Results on Stability Analysis for Delayed Markovian Generalized Neural Networks With Partly Unknown Transition Rates. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3384-3395.	7.2	21
64	Stability of Impulsive Systems with Time-Delay. , 2019, , 73-96.		0
65	Fractional order predictive sliding-mode control for a class of nonlinear input-delay systems: singular and non-singular approach. International Journal of Systems Science, 2019, 50, 1039-1051.	3.7	6
66	Stabilization and Synchronization of Dynamical Networks. , 2019, , 141-177.		0
67	Stability of Discrete-Time Impulsive Systems with Time-Delay. , 2019, , 11-59.		0
68	Impulsive Consensus of Networked Multi-Agent Systems With Distributed Delays in Agent Dynamics and Impulsive Protocols. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	0.9	18
69	Synchronization of Interconnected Discontinuous Neural Networks With Nonlinear Coupling Functions. IEEE Access, 2019, 7, 25804-25814.	2.6	7
70	An extended synchronization analysis for memristor-based coupled neural networks via aperiodically intermittent control. Applied Mathematics and Computation, 2019, 344-345, 163-182.	1.4	10
71	Passivity-based non-fragile control for Markovian jump delayed systems via stochastic sampling. International Journal of Control, 2019, 92, 755-777.	1.2	8
72	Delay-Dependent Impulsive Distributed Synchronization of Stochastic Complex Dynamical Networks With Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1496-1504.	5.9	70

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73	Application to Synchronization of Dynamical Networks. , 2019, , 61-70.		0
74	Improved results on state feedback stabilization for a networked control system with additive time-varying delay components' controller. ISA Transactions, 2018, 75, 1-14.	3.1	19
75	Improved results on synchronisation of delayed complex dynamical networks via sampled-data control. International Journal of Systems Science, 2018, 49, 1242-1255.	3.7	6
76	A novel approach to stability and stabilization of fuzzy sampled-data Markovian chaotic systems. Fuzzy Sets and Systems, 2018, 344, 108-128.	1.6	82
77	Adaptive robust control strategy for rhombus-type lunar exploration wheeled mobile robot using wavelet transform and probabilistic neural network. Computational and Applied Mathematics, 2018, 37, 314-337.	1.3	22
78	Constructing Chaotic Systems from a Class of Switching Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850032.	0.7	11
79	Switching and impulsive control algorithms for nonlinear hybrid dynamical systems. Nonlinear Analysis: Hybrid Systems, 2018, 27, 307-322.	2.1	14
80	Active Frequency Drift Islanding Detection Method with the Positive Feedback by Absolute Value of Voltage Frequency. , 2018, , .		2
81	Further results on robust stability for uncertain neutral systems with distributed delay. Journal of Inequalities and Applications, 2018, 2018, 314.	0.5	6
82	Theory of Hybrid Systems: Deterministic and Stochastic. Nonlinear Physical Science, 2018, , .	0.2	8
83	Fundamental Properties of Stochastic Impulsive Systems with Time Delay. Nonlinear Physical Science, 2018, , 59-75.	0.2	0
84	Synchronization of stochastic complex networks with discrete-time and distributed coupling delayed via hybrid nonlinear and impulsive control. Chaos, Solitons and Fractals, 2018, 114, 381-393.	2.5	11
85	Smooth centre manifolds for impulsive delay differential equations. Journal of Differential Equations, 2018, 265, 1696-1759.	1.1	16
86	Stabilization of nonlinear time-delay systems: Distributed-delay dependent impulsive control. Systems and Control Letters, 2018, 120, 17-22.	1.3	48
87	Consensus of multi-agent systems via hybrid impulsive protocols with time-delay. Nonlinear Analysis: Hybrid Systems, 2018, 30, 134-146.	2.1	42
88	Synchronization of multi-stochastic-link complex networks via aperiodically intermittent control with two different switched periods. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 20-38.	1.2	11
89	Comparison Method and Stability of EPCA. Nonlinear Physical Science, 2018, , 207-227.	0.2	0
90	Reliable Control for Stochastic Switched Systems with State Delay. Nonlinear Physical Science, 2018, , 135-143.	0.2	0

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91	Switched Singularly Perturbed Systems with Time Delay. Nonlinear Physical Science, 2018, , 165-176.	0.2	0
92	Pinning Impulsive Synchronization of Reactionâ€“Diffusion Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1055-1067.	7.2	76
93	Finite-gain L âˆž $mathcal{L_{infty}}$ stability from disturbance to output of a class of time delay system. Journal of Inequalities and Applications, 2017, 2017, 18.	0.5	1
94	Exponentially Dissipative Control for Singular Impulsive Dynamical Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	0.9	2
95	Passivity analysis of neural networks with two different Markovian jumping parameters and mixed time delays. ISA Transactions, 2017, 69, 102-121.	3.1	5
96	Stochastic mean square exponential synchronisation of time-varying complex dynamical networks via pinning control. International Journal of Systems Science, 2017, 48, 2282-2290.	3.7	7
97	Secondary delayâ€partition approach on robust performance analysis for uncertain timeâ€varying Lurie nonlinear control system. Optimal Control Applications and Methods, 2017, 38, 1208-1226.	1.3	71
98	Finiteâ€gain stability from disturbance to output of linear delay systems via impulsive control. IET Control Theory and Applications, 2017, 11, 1388-1393.	1.2	3
99	Consensus seeking in multi-agent systems via hybrid protocols with impulse delays. Nonlinear Analysis: Hybrid Systems, 2017, 25, 90-98.	2.1	38
100	SWITCHING VACCINATION SCHEMES FOR VECTOR-BORNE DISEASES WITH SEASONAL FLUCTUATIONS. Journal of Biological Systems, 2017, 25, 441-477.	0.5	2
101	External stability of switching control systems. Systems and Control Letters, 2017, 106, 24-31.	1.3	19
102	Dynamical Behavior of Complex-Valued Hopfield Neural Networks with Discontinuous Activation Functions. Neural Processing Letters, 2017, 45, 1039-1061.	2.0	21
103	Non-fragile sampled-data robust synchronization of uncertain delayed chaotic Lurie systems with randomly occurring controller gain fluctuation. ISA Transactions, 2017, 66, 185-199.	3.1	192
104	Fault-tolerant synchronization for nonlinear switching systems with time-varying delay. Nonlinear Analysis: Hybrid Systems, 2017, 23, 91-110.	2.1	13
105	Bifurcation Analysis and Application for Impulsive Systems with Delayed Impulses. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750186.	0.7	13
106	Finite-Time Stability of Large-Scale Systems with Interval Time-Varying Delay in Interconnection. Complexity, 2017, 2017, 1-11.	0.9	8
107	The Switched SIR Model. Advances in Dynamics, Patterns, Cognition, 2017, , 43-82.	0.2	3
108	Pinning impulsive synchronization of complex dynamical networks with various time-varying delay sizes. Nonlinear Analysis: Hybrid Systems, 2017, 26, 307-318.	2.1	100

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109	Stochastic Volterra integro-differential equations driven by a fractional Brownian motion with delayed impulses. Filomat, 2017, 31, 5965-5978.	0.2	5
110	Pulse Control Strategies. Advances in Dynamics, Patterns, Cognition, 2017, , 179-226.	0.2	0
111	Switching Control Strategies. Advances in Dynamics, Patterns, Cognition, 2017, , 135-178.	0.2	0
112	A Case Study: Chikungunya Outbreak in RÃ©union. Advances in Dynamics, Patterns, Cognition, 2017, , 227-257.	0.2	0
113	A New Augmented Measurement Model for Self-Alignment of Strapdown Inertial Navigation System on Stationary Base. Journal of Computational and Theoretical Nanoscience, 2016, 13, 1754-1767.	0.4	1
114	State Estimation of Stochastic Impulsive System Via Stochastic Adaptive Impulsive Observer. Asian Journal of Control, 2016, 18, 514-526.	1.9	7
115	THE DYNAMICS OF HIV MODELS WITH SWITCHING PARAMETERS AND PULSE CONTROL. Journal of Biological Systems, 2016, 24, 385-407.	0.5	1
116	Bifurcation of Bounded Solutions of Impulsive Differential Equations. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650242.	0.7	2
117	Recent results on stochastic hybrid dynamical systems. Journal of Control and Decision, 2016, 3, 68-103.	0.7	13
118	Robust reliable Hâˆž control for neural networks with mixed time delays. Chaos, Solitons and Fractals, 2016, 91, 1-8.	2.5	20
119	Some novel approaches on state estimation of delayed neural networks. Information Sciences, 2016, 372, 313-331.	4.0	89
120	Hâˆž state estimation for T-S fuzzy neural networks with mixed time delays using secondary delay partitioning method. , 2016, , .		0
121	Synchronization of linear dynamical networks on time scales: Pinning control via delayed impulses. Automatica, 2016, 72, 147-152.	3.0	127
122	Robust Synchronization of Distributed-Delay Systems via Hybrid Control. , 2016, , 737-748.		2
123	Stabilization of time-delay neural networks via delayed pinning impulses. Chaos, Solitons and Fractals, 2016, 93, 223-234.	2.5	35
124	Hybrid stabilization and synchronization of nonlinear systems with unbounded delays. Applied Mathematics and Computation, 2016, 280, 140-161.	1.4	8
125	Global stability and persistence of HIV models with switching parameters and pulse control. Mathematics and Computers in Simulation, 2016, 123, 53-67.	2.4	11
126	Novel delay-dependent master-slave synchronization criteria of chaotic Lurâ€™e systems with time-varying-delay feedback control. Applied Mathematics and Computation, 2016, 282, 137-154.	1.4	59

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127	Stability properties of nonlinear stochastic impulsive systems with time delay. Stochastic Analysis and Applications, 2016, 34, 117-136.	0.9	7
128	Novel integral inequality approach on masterâ€“slave synchronization of chaotic delayed Lurâ€™e systems with sampled-data feedback control. Nonlinear Dynamics, 2016, 83, 1259-1274.	2.7	73
129	On designing stochastic sampled-data controller for masterâ€“slave synchronization of chaotic Lurâ€™e system via a novel integral inequality. Communications in Nonlinear Science and Numerical Simulation, 2016, 34, 165-184.	1.7	39
130	Chaotification of Switching Control Systems via Dwell Time Approach. Asian Journal of Control, 2015, 17, 1611-1619.	1.9	4
131	Stability and input-to-state stability for stochastic systems and applications. Applied Mathematics and Computation, 2015, 268, 450-461.	1.4	9
132	Exponential stability of a class of complex-valued neural networks with time-varying delays. Neurocomputing, 2015, 164, 293-299.	3.5	77
133	Stochastic dynamics of HIV models with switching parameters and pulse control. Journal of the Franklin Institute, 2015, 352, 2765-2782.	1.9	21
134	Synchronization and Antisynchronization of a Class of Chaotic Systems With Nonidentical Orders and Uncertain Parameters. Journal of Computational and Nonlinear Dynamics, 2015, 10, .	0.7	10
135	Stochastic stability of stochastic switched epidemic models with constant and impulsive control schemes. Chaos, Solitons and Fractals, 2015, 78, 185-193.	2.5	9
136	Application of control strategies to a seasonal model of chikungunya disease. Applied Mathematical Modelling, 2015, 39, 3194-3220.	2.2	35
137	Chaotification of a Class of Linear Switching Systems by Hybrid Driven Methods. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450033.	0.7	12
138	Impulsive control for stabilisation of discrete delay systems and synchronisation of discrete delay dynamical networks. IET Control Theory and Applications, 2014, 8, 1185-1195.	1.2	21
139	Flocking of Multiâ€Agents Following a Leader with Adaptive Protocol in a Noisy Environment. Asian Journal of Control, 2014, 16, 1771-1778.	1.9	26
140	Viability Discrimination of a Class of Control Systems on a Nonsmooth Region. Discrete Dynamics in Nature and Society, 2014, 2014, 1-6.	0.5	1
141	Hybrid control of impulsive systems with distributed delays. Nonlinear Analysis: Hybrid Systems, 2014, 11, 57-70.	2.1	22
142	Chaos Entanglement: Leading Unstable Linear Systems to Chaos. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450047.	0.7	1
143	SIS models with switching and pulse control. Applied Mathematics and Computation, 2014, 232, 727-742.	1.4	5
144	CHAOS ENTANGLEMENT: A NEW APPROACH TO GENERATE CHAOS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1330014.	0.7	20

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145	Distributed stochastic consensus of multiâ€agent systems with noisy and delayed measurements. IET Control Theory and Applications, 2013, 7, 1359-1369.	1.2	41
146	Stability Analysis and Synthesis of Discrete Impulsive Switched Systems with Time-Varying Delays and Parameter Uncertainty. Circuits, Systems, and Signal Processing, 2013, 32, 61-81.	1.2	9
147	Comparison principle and stability of differential equations with piecewise constant arguments. Journal of the Franklin Institute, 2013, 350, 211-230.	1.9	15
148	On design of robust reliable control and input-to-state stabilization of uncertain stochastic systems with state delay. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1047-1056.	1.7	26
149	Transmission dynamics of a switched multi-city model with transport-related infections. Nonlinear Analysis: Real World Applications, 2013, 14, 264-279.	0.9	14
150	Stability in Terms of Two Measures for Nonlinear Impulsive Systems on Time Scales. Journal of Applied Mathematics, 2013, 2013, 1-12.	0.4	3
151	The Initial and Neumann Boundary Value Problem for a Class Parabolic Monge-AmpÃ¨re Equation. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.3	1
152	Recent Advances in Hybrid Dynamical Systems. Journal of Applied Mathematics, 2013, 2013, 1-2.	0.4	0
153	Global exponential stability of nonlinear impulsive discrete systems with time delay. , 2013, , .		3
154	Intermittent Impulsive Synchronization of Hyperchaos with Application to Secure Communication. Asian Journal of Control, 2013, 15, 1686-1699.	1.9	11
155	MULTI-SCROLL CHAOTIC AND HYPERCHAOTIC ATTRACTORS GENERATED FROM CHEN SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250033.	0.7	39
156	ROBUST SENSOR FAULT RECONSTRUCTION FOR NONLINEAR SYSTEMS USING OBSERVERS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250031.	0.7	3
157	Using impulses to control the convergence toward invariant surfaces of continuous dynamical systems. Chaos, Solitons and Fractals, 2012, 45, 1067-1079.	2.5	3
158	Infectious disease models with time-varying parameters and general nonlinear incidence rate. Applied Mathematical Modelling, 2012, 36, 1974-1994.	2.2	54
159	Class- estimates and input-to-state stability analysis of impulsive switched systems. Systems and Control Letters, 2012, 61, 738-746.	1.3	43
160	Stability criteria of a class of nonlinear impulsive switching systems with time-varying delays. Journal of the Franklin Institute, 2012, 349, 1030-1047.	1.9	16
161	Reduced-order fault detection filter design for switched nonlinear systems with time delay. Nonlinear Dynamics, 2012, 67, 601-617.	2.7	13
162	Robust delay-dependent exponential stability for uncertain stochastic neural networks with mixed delays. Neurocomputing, 2011, 74, 1503-1509.	3.5	35

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163	Stochastic consensus seeking with communication delays. Automatica, 2011, 47, 2689-2696.	3.0	93
164	Synchronizing chaotic systems with parametric uncertainty via a novel adaptive impulsive observer. Asian Journal of Control, 2011, 13, 809-817.	1.9	20
165	On Global Robust Stability of a Class of Delayed Neural Networks with Discontinuous Activation Functions and Norm-Bounded Uncertainty. Circuits, Systems, and Signal Processing, 2011, 30, 35-53.	1.2	1
166	On designing Hâˆž fault estimator for switched nonlinear systems of neutral type. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4379-4389.	1.7	23
167	Intermittent Impulsive Synchronization of Chaotic Delayed Neural Networks. Differential Equations and Dynamical Systems, 2011, 19, 149-169.	0.5	23
168	Impulsive stabilization of stochastic functional differential equations. Applied Mathematics Letters, 2011, 24, 264-269.	1.5	60
169	Input-to-state stability of impulsive and switching hybrid systems with time-delay. Automatica, 2011, 47, 899-908.	3.0	292
170	Uniform asymptotic stability of impulsive discrete systems with time delay. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 4941-4950.	0.6	20
171	Pulse and constant control schemes for epidemic models with seasonality. Nonlinear Analysis: Real World Applications, 2011, 12, 931-946.	0.9	41
172	New results on BIBO stability analysis for a class of neutral delay systems. Journal of the Franklin Institute, 2011, 348, 426-437.	1.9	6
173	Controllability and Observability of Linear Time-Varying Impulsive Systems on Time Scales. , 2011, , .		3
174	Designing a Stochastic Adaptive Impulsive Observer for Stochastic Linear and Nonlinear Impulsive Systems. , 2011, , .		1
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