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	Input-to-state stability of impulsive and switching hybrid systems with time-delay. Automatica, 2011, 47, 899-908.	3.0	292
2	Robust impulsive synchronization of uncertain dynamical networks. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 1431-1441.	0.1	260
3	Uniform asymptotic stability of impulsive delay differential equations. Computers and Mathematics With Applications, 2001, 41, 903-915.	1.4	224
4	Stability of a class of linear switching systems with time delay. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2006, 53, 384-393.	0.1	204
5	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
6	Synchronization of linear dynamical networks on time scales: Pinning control via delayed impulses. Automatica, 2016, 72, 147-152.	3.0	127
7	Exponential Stability of Impulsive High-Order Hopfield-Type Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks, 2005, 16, 1329-1339.	4.8	123
8	Synchronization of chaotic systems with delay using intermittent linear state feedback. Chaos, 2008, 18, 033122.	1.0	123
9	Stability results for impulsive differential systems with applications to population growth models. Dynamical Systems, 1994, 9, 163-174.	0.7	120
10	Impulsive controllability of linear dynamical systems with applications to maneuvers of spacecraft. Mathematical Problems in Engineering, 1996, 2, 277-299.	0.6	120
11	Boundedness for impulsive delay differential equations and applications to population growth models. Nonlinear Analysis: Theory, Methods & Applications, 2003, 53, 1041-1062.	0.6	120
12	Global asymptotic stability of high-order Hopfield type neural networks with time delays. Computers and Mathematics With Applications, 2003, 45, 1729-1737.	1.4	118
13	Existence and continuability of solutions for differential equations with delays and state-dependent impulses. Nonlinear Analysis: Theory, Methods & Applications, 2002, 51, 633-647.	0.6	111
14	Application of impulsive synchronization to communication security. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 341-351.	0.1	110
15	Existence, uniqueness and boundedness results for impulsive delay differential equations. Applicable Analysis, 2000, 74, 71-93.	0.6	105
16	Pinning impulsive synchronization of complex dynamical networks with various time-varying delay sizes. Nonlinear Analysis: Hybrid Systems, 2017, 26, 307-318.	2.1	100
17	The method of Lyapunov functionals and exponential stability of impulsive systems with time delay. Nonlinear Analysis: Theory, Methods & Applications, 2007, 66, 1465-1484.	0.6	95
18	Stochastic consensus seeking with communication delays. Automatica, 2011, 47, 2689-2696.	3.0	93

#	Article	IF	Citations
19	Impulsive stabilization of delay differential systems via the Lyapunovâ€“Razumikhin method. Applied Mathematics Letters, 2007, 20, 839-845.	1.5	91
20	Some novel approaches on state estimation of delayed neural networks. Information Sciences, 2016, 372, 313-331.	4.0	89
21	Exponential stability for impulsive delay differential equations by Razumikhin method. Journal of Mathematical Analysis and Applications, 2005, 309, 462-473.	0.5	87
22	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
23	Delay-dependent robust control for uncertain switched systems with time-delay. Nonlinear Analysis: Hybrid Systems, 2008, 2, 81-95.	2.1	81
24	Exponential stability of a class of complex-valued neural networks with time-varying delays. Neurocomputing, 2015, 164, 293-299.	3.5	77
25	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
26	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
27	Stability criteria for impulsive reactionâ€“diffusion Cohenâ€“Grossberg neural networks with time-varying delays. Mathematical and Computer Modelling, 2010, 51, 1037-1050.	2.0	75
28	Impulsive Stabilization of High-Order Hopfield-Type Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks, 2008, 19, 71-79.	4.8	73
29	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
30	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
31	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
32	Stability of impulsive control systems with time delay. Mathematical and Computer Modelling, 2004, 39, 511-519.	2.0	66
33	Stabilization analysis for fuzzy systems with a switched sampled-data control. Journal of the Franklin Institute, 2020, 357, 39-58.	1.9	64
34	Stability Criteria for Impulsive Systems With Time Delay and Unstable System Matrices. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 2288-2298.	0.1	63
35	On quasi stability for impulsive differential systems. Nonlinear Analysis: Theory, Methods & Applications, 1989, 13, 819-828.	0.6	61
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	Stability criteria for impulsive differential equations in terms of two measures. Journal of Mathematical Analysis and Applications, 1989, 137, 591-604.	0.5	60
38	Robust stability of uncertain impulsive dynamical systems. Journal of Mathematical Analysis and Applications, 2004, 290, 519-533.	0.5	60
39	Impulsive stabilization of stochastic functional differential equations. Applied Mathematics Letters, 2011, 24, 264-269.	1.5	60
40	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
41	Stability of switched systems with time delay. Nonlinear Analysis: Hybrid Systems, 2007, 1, 44-58.	2.1	58
42	A LMI approach to stability analysis and synthesis of impulsive switched systems with time delays. Nonlinear Analysis: Hybrid Systems, 2008, 2, 38-50.	2.1	58
43	Global exponential stability of high order Hopfield type neural networks. Applied Mathematics and Computation, 2006, 174, 98-116.	1.4	57
44	Infectious disease models with time-varying parameters and general nonlinear incidence rate. Applied Mathematical Modelling, 2012, 36, 1974-1994.	2.2	54
45	Existence, continuation, and uniqueness problems of stochastic impulsive systems with time delay. Journal of the Franklin Institute, 2010, 347, 1317-1333.	1.9	52
46	Switching control of linear systems for generating chaos. Chaos, Solitons and Fractals, 2006, 30, 725-733.	2.5	49
47	Impulsive Stabilization of Functional Differential Equations via Liapunov Functionals. Journal of Mathematical Analysis and Applications, 1999, 240, 1-15.	0.5	48
48	Stabilization of nonlinear time-delay systems: Distributed-delay dependent impulsive control. Systems and Control Letters, 2018, 120, 17-22.	1.3	48
49	Impulsive control and synchronization of spatiotemporal chaos. Chaos, Solitons and Fractals, 2005, 26, 615-636.	2.5	47
50	Razumikhin-type theorems on exponential stability of impulsive delay systems. IMA Journal of Applied Mathematics, 2006, 71, 47-61.	0.8	47
51	Existence results for boundary value problems of second order impulsive differential equations. Journal of Mathematical Analysis and Applications, 1990, 149, 56-69.	0.5	46
52	Impulsive Stabilization and Applications to Population Growth Models. Rocky Mountain Journal of Mathematics, 1995, 25, 381.	0.2	45
53	Stability Theory of Hybrid Dynamical Systems With Time Delay. IEEE Transactions on Automatic Control, 2006, 51, 620-625.	3.6	45
54	Class- estimates and input-to-state stability analysis of impulsive switched systems. Systems and Control Letters, 2012, 61, 738-746.	1.3	43

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55	Delay independent stability of linear switching systems with time delay. Journal of Mathematical Analysis and Applications, 2008, 339, 785-801.	0.5	42
56	Consensus of multi-agent systems via hybrid impulsive protocols with time-delay. Nonlinear Analysis: Hybrid Systems, 2018, 30, 134-146.	2.1	42
57	Robust Stability of Uncertain Discrete Impulsive Systems. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2007, 54, 455-459.	2.3	41
58	Delay independent stability criteria of impulsive switched systems with time-invariant delays. Mathematical and Computer Modelling, 2008, 47, 372-379.	2.0	41
59	Pulse and constant control schemes for epidemic models with seasonality. Nonlinear Analysis: Real World Applications, 2011, 12, 931-946.	0.9	41
60	Distributed stochastic consensus of multiâ€agent systems with noisy and delayed measurements. IET Control Theory and Applications, 2013, 7, 1359-1369.	1.2	41
61	Robust H_{â^ž} stabilisation with definite attenuance of an uncertain impulsive switche system. ANZIAM Journal, 2005, 46, 471-484.	0.3	40
62	IGAGCN: Information geometry and attention-based spatiotemporal graph convolutional networks for traffic flow prediction. Neural Networks, 2021, 143, 355-367.	3.3	40
63	Impulsive stabilization and control of chaotic system. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 1081-1092.	0.6	39
64	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
65	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
66	Consensus seeking in multi-agent systems via hybrid protocols with impulse delays. Nonlinear Analysis: Hybrid Systems, 2017, 25, 90-98.	2.1	38
67	Stability and robustness of quasi-linear impulsive hybrid systems. Journal of Mathematical Analysis and Applications, 2003, 283, 416-430.	0.5	36
68	Exponential stability of impulsive complex-valued neural networks with time delay. Mathematics and Computers in Simulation, 2019, 156, 143-157.	2.4	36
69	On stability of linear and weakly nonlinear switched systems with time delay. Mathematical and Computer Modelling, 2008, 48, 1150-1157.	2.0	35
70	Robust delay-dependent exponential stability for uncertain stochastic neural networks with mixed delays. Neurocomputing, 2011, 74, 1503-1509.	3.5	35
71	Application of control strategies to a seasonal model of chikungunya disease. Applied Mathematical Modelling, 2015, 39, 3194-3220.	2.2	35
72	Stabilization of time-delay neural networks via delayed pinning impulses. Chaos, Solitons and Fractals, 2016, 93, 223-234.	2.5	35

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73	Synchronization of delayed coupled switched neural networks: Mode-dependent average impulsive interval. Neurocomputing, 2019, 365, 261-272.	3.5	35
74	Exponential stability of singularly perturbed switched systems with time delay. Nonlinear Analysis: Hybrid Systems, 2008, 2, 913-921.	2.1	33
75	Stability of singularly perturbed switched systems with time delay and impulsive effects. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 4297-4308.	0.6	31
76	Robust exponential stabilization for large-scale uncertain impulsive systems with coupling time-delays. Nonlinear Analysis: Theory, Methods & Applications, 2008, 68, 1169-1183.	0.6	30
77	Lyapunov and external stability of Caputo fractional order switching systems. Nonlinear Analysis: Hybrid Systems, 2019, 34, 131-146.	2.1	30
78	Dynamical analysis and impulsive control of a new hyperchaotic system. Mathematical and Computer Modelling, 2005, 42, 1359-1374.	2.0	29
79	Exponential stability of impulsive cellular neural networks with time delay via Lyapunov functionals. Applied Mathematics and Computation, 2007, 194, 186-198.	1.4	29
80	On the -stabilization of switched nonlinear systems via state-dependent switching rule. Applied Mathematics and Computation, 2010, 217, 2067-2083.	1.4	29
81	Event-based masterâ€“slave synchronization of complex-valued neural networks via pinning impulsive control. Neural Networks, 2022, 145, 374-385.	3.3	29
82	New Results on Robust Exponential Stability of Uncertain Stochastic Neural Networks with Mixed Time-Varying Delays. Neural Processing Letters, 2010, 32, 219-233.	2.0	28
83	Impulsive stabilization of nonlinear systems. IMA Journal of Mathematical Control and Information, 1993, 10, 11-19.	1.1	27
84	On stability in terms of two measures for impulsive systems of functional differential equations. Journal of Mathematical Analysis and Applications, 2007, 326, 252-265.	0.5	26
85	Exponential stability of switched stochastic delay systems with non-linear uncertainties. International Journal of Systems Science, 2009, 40, 637-648.	3.7	26
86	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
87	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
88	Existence and global attractivity of positive periodic solution of an impulsive delay differential equation. Applicable Analysis, 2004, 83, 1279-1290.	0.6	25
89	Study of singular boundary value problems for second order impulsive differential equations. Journal of Mathematical Analysis and Applications, 2007, 331, 159-176.	0.5	25
90	Existence and Uniqueness and Stability of Solutions for Stochastic Impulsive Systems. Journal of Systems Science and Complexity, 2007, 20, 149-158.	1.6	25

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91	Exponential Stability of Singularly Perturbed Systems with Time Delay. Applicable Analysis, 2003, 82, 117-130.	0.6	24
92	Robust global exponential synchronization of general Lurâ€™e chaotic systems subject to impulsive disturbances and time delays. Chaos, Solitons and Fractals, 2005, 23, 1629-1641.	2.5	24
93	Robust Stability Criterion for Delayed Neural Networks with Discontinuous Activation Functions. Neural Processing Letters, 2009, 29, 29-44.	2.0	24
94	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
95	Intermittent Impulsive Synchronization of Chaotic Delayed Neural Networks. Differential Equations and Dynamical Systems, 2011, 19, 149-169.	0.5	23
96	Impulsive Systems on Hybrid Time Domains. , 2019, , .		23
97	Robust stability of uncertain discrete impulsive switching systems. Computers and Mathematics With Applications, 2009, 58, 380-389.	1.4	22
98	Hybrid control of impulsive systems with distributed delays. Nonlinear Analysis: Hybrid Systems, 2014, 11, 57-70.	2.1	22
99	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
100	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
101	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
102	Stochastic dynamics of HIV models with switching parameters and pulse control. Journal of the Franklin Institute, 2015, 352, 2765-2782.	1.9	21
103	Dynamical Behavior of Complex-Valued Hopfield Neural Networks with Discontinuous Activation Functions. Neural Processing Letters, 2017, 45, 1039-1061.	2.0	21
104	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
105	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
106	Synchronizing chaotic systems with parametric uncertainty via a novel adaptive impulsive observer. Asian Journal of Control, 2011, 13, 809-817.	1.9	20
107	Uniform asymptotic stability of impulsive discrete systems with time delay. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 4941-4950.	0.6	20
108	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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109	Robust reliable Hâˆž control for neural networks with mixed time delays. Chaos, Solitons and Fractals, 2016, 91, 1-8.	2.5	20
110	Stability of nontrivial solution of delay differential equations with state-dependent impulses. Applied Mathematics and Computation, 2006, 174, 271-288.	1.4	19
111	External stability of switching control systems. Systems and Control Letters, 2017, 106, 24-31.	1.3	19
112	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
113	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
114	Uniform stability of discrete impulsive systems. International Journal of Systems Science, 2008, 39, 181-192.	3.7	18
115	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
116	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
117	Uniform Asymptotic Stability of Abstract Functional Differential Equations. Journal of Mathematical Analysis and Applications, 1997, 216, 626-643.	0.5	17
118	Global existence results for impulsive differential equations. Journal of Mathematical Analysis and Applications, 2006, 314, 546-557.	0.5	17
119	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
120	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
121	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
122	Smooth centre manifolds for impulsive delay differential equations. Journal of Differential Equations, 2018, 265, 1696-1759.	1.1	16
123	Exponential Hâˆž synchronization of switching fuzzy systems with time-varying delay and impulses. Fuzzy Sets and Systems, 2019, 365, 116-139.	1.6	16
124	A second-order accelerated neurodynamic approach for distributed convex optimization. Neural Networks, 2022, 146, 161-173.	3.3	16
125	Robust Delay-dependent Exponential Stability ofÂUncertain Stochastic System with Time-varying Delay. Circuits, Systems, and Signal Processing, 2010, 29, 515-526.	1.2	15
126	Comparison principle and stability of differential equations with piecewise constant arguments. Journal of the Franklin Institute, 2013, 350, 211-230.	1.9	15

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127	Multi-group formation tracking control via impulsive strategy. Neurocomputing, 2020, 411, 487-497.	3.5	15
128	Convergence Analysis of a Continuous-Time Distributed Gradient Descent Algorithm. , 2021, 5, 1339-1344.		15
129	Transmission dynamics of a switched multi-city model with transport-related infections. Nonlinear Analysis: Real World Applications, 2013, 14, 264-279.	0.9	14
130	Switching and impulsive control algorithms for nonlinear hybrid dynamical systems. Nonlinear Analysis: Hybrid Systems, 2018, 27, 307-322.	2.1	14
131	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
132	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
133	The continuation of solutions to systems of Caputo fractional order differential equations. Fractional Calculus and Applied Analysis, 2020, 23, 591-599.	1.2	14
134	Observer-based impulsive chaotic synchronization ofÂdiscrete-time switched systems. Nonlinear Dynamics, 2010, 62, 781-789.	2.7	13
135	Reduced-order fault detection filter design for switched nonlinear systems with time delay. Nonlinear Dynamics, 2012, 67, 601-617.	2.7	13
136	Recent results on stochastic hybrid dynamical systems. Journal of Control and Decision, 2016, 3, 68-103.	0.7	13
137	Fault-tolerant synchronization for nonlinear switching systems with time-varying delay. Nonlinear Analysis: Hybrid Systems, 2017, 23, 91-110.	2.1	13
138	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
139	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
140	Stabilization of Boolean control networks with state-triggered impulses. Science China Information Sciences, 2022, 65, 1.	2.7	13
141	Iterative methods for solutions of impulsive functional differential systems. Applicable Analysis, 1992, 44, 171-182.	0.6	12
142	A comparison principle and stability for large-scale impulsive delay differential systems. ANZIAM Journal, 2005, 47, 203-235.	0.3	12
143	Global synchronization of dynamical networks with coupling time delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 53-63.	0.9	12
144	Fault estimator design for a class of switched systems with time-varying delay. International Journal of Systems Science, 2011, 42, 2125-2135.	3.7	12

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145	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
146	ROBUST GLOBAL EXPONENTIAL STABILITY OF UNCERTAIN IMPULSIVE SYSTEMS. Acta Mathematica Scientia, 2005, 25, 161-169.	0.5	11
147	Intermittent Impulsive Synchronization of Hyperchaos with Application to Secure Communication. Asian Journal of Control, 2013, 15, 1686-1699.	1.9	11
148	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
149	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
150	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
151	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
152	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
153	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></ control for Tâ€“S fuzzy systems with variable sampling. Physica A: Statistical Mechanics and Its Applications, 2020, 538, 122697.	1.2	11
154	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
155	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
156	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
157	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
158	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
159	Threshold dynamics and pulse control of a stochastic ecosystem with switching parameters. Journal of the Franklin Institute, 2021, 358, 516-532.	1.9	10
160	Existence of periodic solutions of impulsive differential systems. Journal of Applied Mathematics and Stochastic Analysis, 1991, 4, 137-146.	0.3	9
161	A monotone iterative method for boundary value problems of parametric differential equations. Journal of Applied Mathematics and Stochastic Analysis, 2001, 14, 183-187.	0.3	9
162	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

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163	Stability and input-to-state stability for stochastic systems and applications. Applied Mathematics and Computation, 2015, 268, 450-461.	1.4	9
164	Stochastic stability of stochastic switched epidemic models with constant and impulsive control schemes. Chaos, Solitons and Fractals, 2015, 78, 185-193.	2.5	9
165	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
166	Exponential stability and H_{â^ž} control of uncertain singular nonlinear switched systems with impulsive perturbations. International Journal of Systems Science, 2019, 50, 2424-2436.	3.7	9
167	Hybrid Event-Triggered and Impulsive Control Strategy for Multiagent Systems With Switching Topologies. IEEE Transactions on Cybernetics, 2022, 52, 6283-6294.	6.2	9
168	Feedback stabilization of dissipative impulsive dynamical systems. Information Sciences, 2007, 177, 1663-1672.	4.0	8
169	Hybrid stabilization and synchronization of nonlinear systems with unbounded delays. Applied Mathematics and Computation, 2016, 280, 140-161.	1.4	8
170	Finite-Time Stability of Large-Scale Systems with Interval Time-Varying Delay in Interconnection. Complexity, 2017, 2017, 1-11.	0.9	8
171	Theory of Hybrid Systems: Deterministic and Stochastic. Nonlinear Physical Science, 2018, , .	0.2	8
172	Passivity-based non-fragile control for Markovian jump delayed systems via stochastic sampling. International Journal of Control, 2019, 92, 755-777.	1.2	8
173	Mode-dependent impulsive control of positive switched systems: Stability and L1-gain analysis. Chaos, Solitons and Fractals, 2020, 140, 110276.	2.5	8
174	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
175	Optimization problems for switched systems with impulsive control. Journal of Control Theory and Applications, 2005, 3, 93-100.	0.8	7
176	Optimal control and robust stability of uncertain impulsive dynamical systems. Asian Journal of Control, 2008, 10, 314-326.	1.9	7
177	State Estimation of Stochastic Impulsive System Via Stochastic Adaptive Impulsive Observer. Asian Journal of Control, 2016, 18, 514-526.	1.9	7
178	Stability properties of nonlinear stochastic impulsive systems with time delay. Stochastic Analysis and Applications, 2016, 34, 117-136.	0.9	7
179	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
180	Synchronization of Interconnected Discontinuous Neural Networks With Nonlinear Coupling Functions. IEEE Access, 2019, 7, 25804-25814.	2.6	7

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