

Zhi Liu

List of Publications by Year in descending order

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papers

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239
all docs

239
docs citations

239
times ranked

1932
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding mode control for singular stochastic Markovian jump systems with uncertainties. Automatica, 2017, 79, 27-34.	5.0	124
2	Fault detection for stochastic parameter-varying Markovian jump systems with application to networked control systems. Applied Mathematical Modelling, 2016, 40, 2368-2383.	4.2	105
3	Adaptive fuzzy fault-tolerant control with guaranteed tracking performance for nonlinear strict-feedback systems. Fuzzy Sets and Systems, 2016, 302, 82-100.	2.7	98
4	Fuzzy Stochastic Optimal Guaranteed Cost Control of Bio-Economic Singular Markovian Jump Systems. IEEE Transactions on Cybernetics, 2015, 45, 2512-2521.	9.5	94
5	Integral sliding mode control for Markovian jump Tâ€“S fuzzy descriptor systems based on the superâ€™twisting algorithm. IET Control Theory and Applications, 2017, 11, 1134-1143.	2.1	90
6	Observer-Based Fuzzy Integral Sliding Mode Control For Nonlinear Descriptor Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2818-2832.	9.8	89
7	Analysis and control of an SEIR epidemic system with nonlinear transmission rate. Mathematical and Computer Modelling, 2009, 50, 1498-1513.	2.0	83
8	Partially mode-dependent filtering for discrete-time Markovian jump systems with partly unknown transition probabilities. Signal Processing, 2010, 90, 548-556.	3.7	79
9	Robust Stabilization of Tâ€“S Fuzzy Stochastic Descriptor Systems via Integral Sliding Modes. IEEE Transactions on Cybernetics, 2018, 48, 2736-2749.	9.5	67
10	Dissipativity Analysis and Synthesis for a Class of Tâ€“S Fuzzy Descriptor Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1774-1784.	9.3	65
11	A linear switching function approach to sliding mode control and observation of descriptor systems. Automatica, 2018, 95, 112-121.	5.0	58
12	Lur'e Lyapunov Function and Absolute Stability Criterion for Lur'e Singularly Perturbed Systems. IEEE Transactions on Automatic Control, 2011, 56, 2666-2671.	5.7	56
13	Delay-dependent H-infinity control for linear descriptor systems with delay in state. Journal of Control Theory and Applications, 2005, 3, 76-84.	0.8	53
14	Exponential H_{∞} filtering for singular systems with Markovian jump parameters. International Journal of Robust and Nonlinear Control, 2013, 23, 792-806.	3.7	53
15	Robust H_{∞} sliding mode observer design for a class of Takagiâ€™Sugeno fuzzy descriptor systems with time-varying delay. Applied Mathematics and Computation, 2018, 337, 158-178.	2.2	52
16	Admissibility Analysis and Control Synthesis for Tâ€“S Fuzzy Descriptor Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 729-740.	9.8	49
17	H_{∞} fuzzy control for nonlinear time-delay singular Markovian jump systems with partly unknown transition rates. Fuzzy Sets and Systems, 2014, 254, 106-125.	2.7	46
18	Robust H_{∞} control for uncertain descriptor systems by proportionalâ€™derivative state feedback. International Journal of Control, 2010, 83, 89-96.	1.9	45

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19	New delay-dependent robust stability of discrete singular systems with time-varying delay. Asian Journal of Control, 2011, 13, 136-147.	3.0	45
20	Positive Realness and Absolute Stability Problem of Descriptor Systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1142-1149.	0.1	44
21	Finite-time synchronization for second-order nonlinear multi-agent system via pinning exponent sliding mode control. ISA Transactions, 2016, 65, 96-108.	5.7	44
22	Fuzzy Reduced-Order Compensator-Based Stabilization for Interconnected Descriptor Systems via Integral Sliding Modes. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 752-765.	9.3	44
23	BIFURCATION AND CONTROL IN A DIFFERENTIAL-ALGEBRAIC HARVESTED PREY-PREDATOR MODEL WITH STAGE STRUCTURE FOR PREDATOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 3159-3168.	1.7	43
24	control for discrete-time singularly perturbed systems with two Markov processes. Journal of the Franklin Institute, 2010, 347, 836-847.	3.4	43
25	An integral sliding mode control approach to observer-based stabilization of stochastic Itô descriptor systems. Neurocomputing, 2016, 173, 1330-1340.	5.9	43
26	Exponential synchronisation of united complex dynamical networks with multi-links via adaptive periodically intermittent control. IET Control Theory and Applications, 2013, 7, 1725-1736.	2.1	42
27	Event-triggered sliding mode control for discrete-time singular system. IET Control Theory and Applications, 2018, 12, 2390-2398.	2.1	42
28	Stability analysis and optimal control of stochastic singular systems. Optimization Letters, 2014, 8, 1905-1920.	1.6	40
29	Sliding mode control for S fuzzy singular semi-Markovian jump system. Nonlinear Analysis: Hybrid Systems, 2018, 30, 72-91.	3.5	38
30	Reduced-Order Observer-Based Sliding Mode Control for Singular Markovian Jump System With Time-Varying Transition Rate. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 796-809.	5.4	38
31	Dynamic behavior in a delayed stage-structured population model with stochastic fluctuation and harvesting. Nonlinear Dynamics, 2011, 66, 231-245.	5.2	36
32	Dissipative control for singular Markovian jump systems with time delay. Optimal Control Applications and Methods, 2012, 33, 415-432.	2.1	36
33	Lyapunov Stability and Strong Passivity Analysis for Nonlinear Descriptor Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 1003-1012.	5.4	36
34	Observer-Based Adaptive Sliding Mode Control for S Fuzzy Singular Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4438-4446.	9.3	36
35	Filtering for stochastic singular fuzzy systems with time-varying delay. Nonlinear Dynamics, 2015, 79, 215-228.	5.2	31
36	Finite-time H _∞ filtering for stochastic singular fuzzy systems with time-varying delay. Nonlinear Dynamics, 2016, 40, 302-314.	4.2	31

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37	Positivity and stability of positive singular Markovian jump time-delay systems with partially unknown transition rates. <i>Journal of the Franklin Institute</i> , 2017, 354, 627-649.	3.4	30
38	A generalized robust H_∞ filtering for singular Markovian jump systems and its applications. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 3491-3507.	3.7	28
39	Exponential stability of stochastic singular delay systems with general Markovian switchings. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 3478-3494.	3.7	27
40	Robust Adaptive Sliding Mode Observer Design for T-S Fuzzy Descriptor Systems With Time-Varying Delay. <i>IEEE Access</i> , 2018, 6, 46002-46018.	4.2	27
41	Strongly absolute stability of Lur'e descriptor systems: Popov-type criteria. <i>International Journal of Robust and Nonlinear Control</i> , 2009, 19, 786-806.	3.7	26
42	Positivity of Continuous-Time Descriptor Systems With Time Delays. <i>IEEE Transactions on Automatic Control</i> , 2014, 59, 3093-3097.	5.7	25
43	A new design of sliding mode control for Markovian jump systems based on stochastic sliding surface. <i>Information Sciences</i> , 2017, 391-392, 9-27.	6.9	25
44	Practical stability of descriptor systems with time delays in terms of two measurements. <i>Journal of the Franklin Institute</i> , 2006, 343, 635-646.	3.4	24
45	Sliding mode control for descriptor Markovian jump systems with mode-dependent derivative-term coefficient. <i>Nonlinear Dynamics</i> , 2015, 82, 465-480.	5.2	24
46	Stability and exact observability of discrete stochastic singular systems based on generalised Lyapunov equations. <i>IET Control Theory and Applications</i> , 2016, 10, 971-980.	2.1	24
47	Robust exponential synchronization for neutral complex networks with discrete and distributed time-varying delays: A descriptor model transformation method. <i>Optimal Control Applications and Methods</i> , 2014, 35, 676-695.	2.1	23
48	Complex dynamics in a singular Leslie-Gower predator-prey bioeconomic model with time delay and stochastic fluctuations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 404, 180-191.	2.6	22
49	Simultaneous robust normalization and delay-dependent robust H_∞ stabilization for singular time-delay systems with uncertainties in the derivative matrices. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 3528-3545.	3.7	22
50	Delay-dependent adaptive dynamic surface control for nonlinear strict-feedback delayed systems with unknown dead zone. <i>Journal of the Franklin Institute</i> , 2016, 353, 279-302.	3.4	22
51	Modeling and analysis in a prey-predator system with commercial harvesting and double time delays. <i>Applied Mathematics and Computation</i> , 2016, 281, 77-101.	2.2	22
52	Codimension-two bifurcations analysis and tracking control on a discrete epidemic model. <i>Journal of Systems Science and Complexity</i> , 2011, 24, 1033-1056.	2.8	21
53	Robust decentralised stabilisation of uncertain large-scale interconnected nonlinear descriptor systems via proportional plus derivative feedback. <i>International Journal of Systems Science</i> , 2017, 48, 2997-3006.	5.5	21
54	A partially delay-dependent and disordered controller design for discrete-time delayed systems. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 2646-2668.	3.7	21

#	ARTICLE	IF	CITATIONS
55	Strongly absolute stability problem of descriptor systems: Circle criterion. Journal of the Franklin Institute, 2008, 345, 437-451.	3.4	20
56	PD observer design for descriptor systems: An LMI approach. International Journal of Control, Automation and Systems, 2010, 8, 735-740.	2.7	20
57	An Impulsive Multi-delayed Feedback Control Method for Stabilizing Discrete Chaotic Systems. Nonlinear Dynamics, 2013, 73, 1187-1199.	5.2	20
58	Stabilization of discrete-time singular Markovian jump repeated vector nonlinear systems. International Journal of Robust and Nonlinear Control, 2016, 26, 1777-1793.	3.7	19
59	Robust stability analysis and stabilisation of uncertain neutral singular systems. International Journal of Systems Science, 2016, 47, 3762-3771.	5.5	19
60	Lur'e Lyapunov functions and absolute stability criteria for Lur'e systems with multiple nonlinearities. International Journal of Robust and Nonlinear Control, 2007, 17, 829-841.	3.7	18
61	Positive real control for descriptor systems with uncertainties in the derivative matrix via a proportional plus derivative feedback. International Journal of Systems Science, 2013, 44, 450-460.	5.5	18
62	A delay decomposition approach to H^∞ control of networked control systems with state quantisation. Information Sciences, 2014, 279, 893-905.	6.9	18
63	Dynamical analysis of a differential algebraic bio-economic model with stage-structured and stochastic fluctuations. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 222-229.	2.6	18
64	On the quadratic stability of descriptor systems with uncertainties in the derivative matrix. International Journal of Systems Science, 2009, 40, 695-702.	5.5	17
65	Robust delay-dependent stabilization for Markovian jump systems with mode-dependent time delays and nonlinearities. Optimal Control Applications and Methods, 2010, 31, 249-264.	2.1	17
66	H^∞ control of networked control systems with state quantisation. International Journal of Systems Science, 2011, 42, 959-966.	5.5	17
67	Stabilisation bound of stochastic singularly perturbed systems with Markovian switching by noise control. IET Control Theory and Applications, 2014, 8, 367-374.	2.1	17
68	Networked control for Tâ€‘S fuzzy descriptor systems with network-induced delay and packet disordering. Neurocomputing, 2018, 275, 2264-2278.	5.9	17
69	Robust normalization and guaranteed cost control for a class of uncertain singular Markovian jump systems via hybrid impulsive control. International Journal of Robust and Nonlinear Control, 2015, 25, 987-1006.	3.7	16
70	H^∞ control via dynamic output feedback for positive systems with multiple delays. IET Control Theory and Applications, 2015, 9, 2574-2580.	2.1	16
71	Robust H^∞ control of Markovian jump systems with uncertain switching probabilities. Asian Journal of Control, 2012, 14, 1407-1410.	3.0	15
72	Nonlinear observers for a class of nonlinear descriptor systems. Optimal Control Applications and Methods, 2013, 34, 348-363.	2.1	15

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73	Practical and finite-time fuzzy adaptive control for nonlinear descriptor systems with uncertainties of unknown bound. <i>International Journal of Systems Science</i> , 2013, 44, 2223-2233.	5.5	15
74	Observer design for a class of nonlinear descriptor systems. <i>Journal of the Franklin Institute</i> , 2013, 350, 1284-1297.	3.4	15
75	H^∞ control for discrete-time singular Markovian jump systems based on the novel bounded real lemma. <i>International Journal of Systems Science</i> , 2015, 46, 63-75.	5.5	15
76	Sliding mode control for discrete-time descriptor Markovian jump systems with two Markov chains. <i>Optimization Letters</i> , 2018, 12, 1199-1213.	1.6	15
77	Dynamic analysis of a hybrid bioeconomic plankton system with double time delays and stochastic fluctuations. <i>Applied Mathematics and Computation</i> , 2018, 316, 115-137.	2.2	15
78	Observer-based passive control for polynomial fuzzy singular systems with time-delay via sliding mode control. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020, 37, 100909.	3.5	15
79	Robust finite-time H^∞ control for uncertain singular stochastic Markovian jump systems via proportional differential control law. <i>IET Control Theory and Applications</i> , 2014, 8, 1625-1638.	2.1	14
80	H^∞ filtering for a class of singular biological systems. <i>IET Control Theory and Applications</i> , 2015, 9, 2047-2055.	2.1	14
81	Stochastic stability and stabilization of discrete-time singular Markovian jump systems with partially unknown transition probabilities. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 1423-1437.	3.7	14
82	Novel sliding surface design for nonlinear singular systems. <i>Neurocomputing</i> , 2016, 177, 497-508.	5.9	14
83	Sliding mode control and sampling rate strategy for Networked control systems with packet disordering via Markov chain prediction. <i>ISA Transactions</i> , 2018, 83, 1-12.	5.7	14
84	Delay-range-dependent H^∞ control for Markovian jump systems with mode-dependent time delays. <i>Asian Journal of Control</i> , 2010, 12, 704-713.	3.0	13
85	Admissibility for positive continuous-time descriptor systems. <i>International Journal of Systems Science</i> , 2013, 44, 2158-2165.	5.5	13
86	Finite-Time Stability Analysis and Control for a Class of Stochastic Singular Biological Economic Systems Based on T-S Fuzzy Model. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-10.	0.7	13
87	Robust stability of singularly perturbed descriptor systems with uncertain Markovian switchings and nonlinear perturbations. <i>Optimal Control Applications and Methods</i> , 2014, 35, 89-109.	2.1	13
88	Dynamical analysis in a bioeconomic phytoplankton zooplankton system with double time delays and environmental stochasticity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 682-698.	2.6	13
89	Sliding mode control for polynomial fuzzy singular systems with time delay. <i>IET Control Theory and Applications</i> , 2018, 12, 1483-1490.	2.1	13
90	Dynamical behaviors and chaos control in a discrete functional response model. <i>Chaos, Solitons and Fractals</i> , 2007, 34, 1318-1327.	5.1	12

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91	Observer design for a class of nonlinear descriptor systems. , 2009, , .		12
92	Robustness analysis of descriptor systems with parameter uncertainties. International Journal of Control, Automation and Systems, 2010, 8, 204-209.	2.7	12
93	Dynamical analysis of a delayed singular prey-predator economic model with stochastic fluctuations. Complexity, 2014, 19, 23-29.	1.6	12
94	An improved robust finite-time dissipative control for uncertain fuzzy descriptor systems with disturbance. International Journal of Systems Science, 2017, 48, 1581-1596.	5.5	12
95	Stabilization of singular T-S fuzzy Markovian jump system with mode-dependent derivative-term coefficient via sliding mode control. Applied Mathematics and Computation, 2020, 364, 124643.	2.2	12
96	Impulse Elimination of the Takagi-Sugeno Fuzzy Singular System Via Sliding-Mode Control. IEEE Transactions on Fuzzy Systems, 2022, 30, 1164-1174.	9.8	12
97	Delay-dependent robust H_∞ control for uncertain descriptor systems with multiple state delays. Optimal Control Applications and Methods, 2010, 31, 375-387.	2.1	11
98	Novel compensation-based non-fragile H_∞ control for uncertain neutral systems with time-varying delays. International Journal of Systems Science, 2012, 43, 961-971.	5.5	11
99	Input-to-state stability of a class of descriptor systems. International Journal of Robust and Nonlinear Control, 2014, 24, 97-109.	3.7	11
100	Robust stability and stabilization for descriptor systems with uncertainties in all matrices. International Journal of Robust and Nonlinear Control, 2018, 28, 753-766.	3.7	11
101	Model reduction for singular systems via covariance approximation. Optimal Control Applications and Methods, 2004, 25, 263-278.	2.1	10
102	Stability Bound Analysis and Synthesis for Singularly Perturbed Systems with Time-Varying Delay. Mathematical Problems in Engineering, 2013, 2013, 1-8.	1.1	10
103	Stabilisation of descriptor Markovian jump systems with partially unknown transition probabilities. International Journal of Systems Science, 2015, 46, 218-226.	5.5	10
104	DYNAMICAL BEHAVIOR OF A HARVESTED PREY-PREDATOR MODEL WITH STAGE STRUCTURE AND DISCRETE TIME DELAY. Journal of Biological Systems, 2009, 17, 759-777.	1.4	9
105	CHAOS ANALYSIS AND CONTROL FOR A CLASS OF SIR EPIDEMIC MODEL WITH SEASONAL FLUCTUATION. International Journal of Biomathematics, 2013, 06, 1250063.	2.9	9
106	Finite-time fuzzy stabilisation and control for nonlinear descriptor systems with non-zero initial state. International Journal of Systems Science, 2015, 46, 364-376.	5.5	9
107	Memoryless variable structure control for affine nonlinear systems using only output information. International Journal of Robust and Nonlinear Control, 2015, 25, 3316-3329.	3.7	9
108	Robust dissipative filtering for a kind of T-S fuzzy descriptor system with immeasurable premise variables. International Journal of Systems Science, 2016, 47, 265-282.	5.5	9

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109	Novel sliding mode control for multi-input multi-output discrete-time system with disturbance. International Journal of Robust and Nonlinear Control, 2018, 28, 3033-3055.	3.7	9
110	Adaptive Robust H ∞ Sliding Mode Control for Singular Systems with Time-varying Delay and Uncertain Derivative Matrix. International Journal of Control, Automation and Systems, 2019, 17, 3179-3193.	2.7	9
111	Neural Network Based Adaptive SMO Design for T ∞ Fuzzy Descriptor Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2605-2618.	9.8	9
112	Positive filter design for positive piecewise homogeneous Markovian jump T ∞ fuzzy system. IET Control Theory and Applications, 2019, 13, 1015-1023.	2.1	9
113	Stochastic input-to-state stability and elimination of noise. Applied Mathematics and Computation, 2019, 363, 1255-1265. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/citation-ext/dtd"/></small>	2.2	8
114	Delay-dependent H ∞ control for a class of uncertain time-delay singular Markovian jump systems via hybrid impulsive control. International Journal of Control, Automation and Systems, 2016, 14, 939-947.	2.7	8
115	Dynamical analysis in a hybrid bioeconomic system with multiple time delays and strong Allee effect. Mathematics and Computers in Simulation, 2017, 136, 104-131.	4.4	8
116	Sliding mode control for non-linear networked control systems subject to packet disordering via prediction method. IET Control Theory and Applications, 2017, 11, 3079-3088.	2.1	8
117	A Novel Semantic Approach for Multi-Ethnic Face Recognition. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1856005.	1.2	8
118	DYNAMIC ANALYSIS IN A HARVESTED DIFFERENTIAL-ALGEBRAIC PREY-PREDATOR MODEL. Journal of Mechanics in Medicine and Biology, 2009, 09, 123-140.	0.7	7
119	Non-fragile observer-based passive control for descriptor systems with time-delay. Journal of Control Theory and Applications, 2009, 7, 237-242.	0.8	7
120	DYNAMICAL ANALYSIS AND CONTROL IN A DELAYED DIFFERENTIAL-ALGEBRAIC BIO-ECONOMIC MODEL WITH STAGE STRUCTURE AND DIFFUSION. International Journal of Biomathematics, 2012, 05, 1250010.	2.9	7
121	H ∞ Filtering Problem of Singular Systems with Uncertainties in the Difference Matrix. International Journal of Control, Automation and Systems, 2018, 16, 1207-1216.	2.7	7
122	Some geometric properties of Lyapunov equation and LTI system. Automatica, 2001, 37, 313-316.	5.0	6
123	Output feedback control networked control systems based on singular controlled plant. , 2008, , .		6
124	Delay-dependent robust stabilization for uncertain singular systems with multiple time-varying state delays. Asian Journal of Control, 2010, 12, 734-738.	3.0	6
125	Dynamical behavior of a class of prey-predator system with impulsive state feedback control and Beddington-DeAngelis functional response. Nonlinear Dynamics, 2012, 70, 1511-1522.	5.2	6
126	Input-to-state stability of a class of Lur'e descriptor systems. International Journal of Robust and Nonlinear Control, 2013, 23, 1324-1337.	3.7	6

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127	Complex Dynamics in a Singular Delayed Bioeconomic Model with and without Stochastic Fluctuation. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-15.	0.9	6
128	Adaptive control of singular Markovian jump systems with uncertain switchings. <i>IET Control Theory and Applications</i> , 2015, 9, 1766-1773.	2.1	6
129	H^∞ filtering for piecewise homogeneous Markovian jump nonlinear systems. <i>International Journal of Systems Science</i> , 2016, 47, 3258-3271.	5.5	6
130	Dynamical analysis and optimal control in a hybrid stochastic double delayed bioeconomic system with impulsive contaminants emission and Lévy jumps. <i>Applied Mathematics and Computation</i> , 2019, 352, 99-118.	2.2	6
131	Generalized lyapunov equations for analyzing the stability of descriptor systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1999, 32, 1595-1600.	0.4	5
132	New lyapunov and riccati equations for discrete-time descriptor systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1999, 32, 1583-1588.	0.4	5
133	Practical stability and controllability for nonlinear discrete time-delay systems. , 2009, , .		5
134	Decentralised H^∞ control for singular systems. <i>International Journal of Systems Science</i> , 2009, 40, 277-288.	5.5	5
135	Robust H^∞ control of norm bounded uncertain systems via Markovian approach. <i>Asian Journal of Control</i> , 2011, 13, 956-965.	3.0	5
136	A singular bioeconomic model with diffusion and time delay. <i>Journal of Systems Science and Complexity</i> , 2011, 24, 277-290.	2.8	5
137	H^∞ Observer Design for Descriptor Systems with Slope-Restricted Nonlinearities. <i>Asian Journal of Control</i> , 2012, 14, 1133-1140.	3.0	5
138	Stability bound analysis of singularly perturbed systems with time-delay. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2013, 19, 505-511.	0.7	5
139	Incremental SQP method for constrained optimization formulation in SLAM. , 2016, , .		5
140	Dissipative control for a class of nonlinear descriptor systems. <i>International Journal of Systems Science</i> , 2016, 47, 1110-1120.	5.5	5
141	The approximation of the Tâ€S fuzzy model for a class of nonlinear singular system with derivative of input. <i>Journal of the Franklin Institute</i> , 2019, 356, 5274-5292.	3.4	5
142	A second-order fuzzy time series model for stock price analysis. <i>Journal of Applied Statistics</i> , 2019, 46, 2514-2526.	1.3	5
143	Optimal Tracking Control for a Class of Large-Scale Interconnected system with Time-varying Delay. , 2007, , .		4
144	Stabilization of linear systems with time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2013, 23, 1581-1596.	3.7	4

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145	Stability and Bifurcation Analysis of a Singular Delayed Predator-Prey Bioeconomic Model with Stochastic Fluctuations. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-8.	1.1	4
146	Output Strictly Passive Control of Uncertain Singular Neutral Systems. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-12.	1.1	4
147	Dissipative analysis for nonlinear singular systems with time-delay. <i>International Journal of Control, Automation and Systems</i> , 2017, 15, 2461-2470.	2.7	4
148	New semantic descriptor construction for facial expression recognition based on axiomatic fuzzy set. <i>Multimedia Tools and Applications</i> , 2018, 77, 11775-11805.	3.9	4
149	Multi-ethnic Chinese facial characterization and analysis. <i>Multimedia Tools and Applications</i> , 2018, 77, 30311-30329.	3.9	4
150	Two side observer design for singular distributed parameter systems. <i>Systems and Control Letters</i> , 2019, 124, 112-120.	2.3	4
151	Dynamical behavior in a hybrid stochastic triple delayed prey predator bioeconomic system with Lévy jumps. <i>Journal of the Franklin Institute</i> , 2019, 356, 592-628.	3.4	4
152	Predicting Sunspot Numbers Based on Inverse Number and Intelligent Fixed Point. <i>Solar Physics</i> , 2021, 296, 1.	2.5	4
153	H_∞ guaranteed cost control for time-delay uncertain discrete systems. , 2006, , .		3
154	Stability and controller design of networked control system with time-varying delays and data packet dropout. , 2008, , .		3
155	Modeling and control of networked control systems with bounded delay and packet disordering. , 2010, , .		3
156	Exponential stability for singular networked control system with dynamical state feedback. , 2010, , .		3
157	Stability and PID control for networked control system. , 2010, , .		3
158	The dynamics and control of a harvested differential-algebraic prey-predator model. , 2011, , .		3
159	The Analysis and Control for Singular Ecological-Economic Model with Harvesting and Migration. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-17.	0.9	3
160	Decentralised Observation Using Higher Order Sliding Mode Techniques. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 4613-4618.	0.4	3
161	Robust finite-time dissipative control for fuzzy descriptor systems with uncertainties and disturbances. , 2015, , .		3
162	Hopf analysis of a differential-algebraic predator-prey model with Allee effect and time delay. <i>International Journal of Biomathematics</i> , 2015, 08, 1550041.	2.9	3

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163	Modeling boycianaâ€“fishâ€“human interaction with partial differential algebraic equations. <i>Mathematical Biosciences</i> , 2016, 277, 141-152.	1.9	3
164	Controllability and dissipativity analysis for linear systems with derivative input. <i>Journal of the Franklin Institute</i> , 2016, 353, 478-499.	3.4	3
165	Admissibility analysis of interval type-2 uncertain stochastic descriptor systems. <i>Neurocomputing</i> , 2018, 311, 387-396.	5.9	3
166	Model reduction of singular systems via covariance approximation. , 2004, , .		3
167	A remark on â€“Model reduction for singular systems via covariance approximationâ€™. <i>Optimal Control Applications and Methods</i> , 2006, 27, 293-298.	2.1	2
168	A remark on model reduction for singular systems. <i>Optimal Control Applications and Methods</i> , 2007, 28, 301-308.	2.1	2
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