Weihai Zhang

List of Publications by Year
in descending order

226 papers	5,183 citations	117625 34 h-index	106344 65 g-index
229 all docs	229 docs citations	229 times ranked	1665 citing authors

#	Article	IF	Citations
1	Pareto-Optimal Strategy for Linear Mean-Field Stochastic Systems With H_∞ Constraint. IEEE Transactions on Cybernetics, 2022, 52, 2846-2859.	9.5	8
2	pth Moment Asymptotic Stability/Stabilization and pth Moment Observability of Linear Stochastic Systems: Generalized $\mathcal{L}$-Representation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1078-1086.	9.3	8
3	Boundary Stabilization of Stochastic Delayed Cohen–Grossberg Neural Networks With Diffusion Terms. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3227-3237.	11.3	17
4	Indefinite Mean-Field Stochastic Cooperative Linear-Quadratic Dynamic Difference Game With Its Application to the Network Security Model. IEEE Transactions on Cybernetics, 2022, 52, 11805-11818.	9.5	17
5	Finite-Time Tracking Control for a Class of MIMO Nonstrict-Feedback Nonlinear Systems Via Adaptive Fuzzy Method. International Journal of Fuzzy Systems, 2022, 24, 713-727.	4.0	7
6	Robust State/Fault Estimation and Fault-Tolerant Control in Discrete-Time T–S Fuzzy Systems: An Embedded Smoothing Signal Model Approach. IEEE Transactions on Cybernetics, 2022, 52, 6886-6900.	9.5	13
7	Finite–time adaptive fuzzy control for a class of output constrained nonlinear systems with dead–zone. International Journal of Adaptive Control and Signal Processing, 2022, 36, 69-87.	4.1	7
8	Command-Filter-Based Adaptive Fuzzy Finite-Time Output Feedback Control for State-Constrained Nonlinear Systems With Input Saturation. IEEE Transactions on Fuzzy Systems, 2022, 30, 4044-4056.	9.8	15
9	Incentive Feedback Stackelberg Strategy for Stochastic Systems with State-Dependent Noise. Journal of the Franklin Institute, 2022, , .	3.4	1
10	Finite-time stability and asynchronous resilient control for Itô stochastic semi-Markovian jump systems. Journal of the Franklin Institute, 2022, 359, 1531-1557.	3.4	7
11	Modeling and parameter identification of microbial batch fermentation under environmental disturbances. Applied Mathematical Modelling, 2022, 108, 205-219.	4.2	5
12	Regulation Control for Discrete-time Stochastic Nonlinear Active Suspension. International Journal of Control, Automation and Systems, 2022, 20, 888-896.	2.7	1
13	Observer-based adaptive neural quantized control for nonlinear systems with asymmetric fuzzy dead zones and unknown control directions. Nonlinear Dynamics, 2022, 108, 3643-3656.	5.2	5
14	Stabilization of random nonlinear systems subject to deception attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 2233-2250.	3.7	8
15	A kernel-based identification approach for a class of nonlinear systems with quantized output data. , 2022, 128, 103595.		3
16	Multicriteria optimization problems of finite horizon stochastic cooperative linear-quadratic difference games. Science China Information Sciences, 2022, 65, .	4.3	9
17	Finite-time consensus for the second-order leader-following nonlinear multi-agent system with event-triggered communication. Journal of the Franklin Institute, 2022, 359, 6486-6502.	3.4	18
18	Adaptive fixed–time fuzzy control for output constrained nonlinear systems with unknown virtual control coefficients based on event–triggered mechanism. International Journal of Adaptive Control and Signal Processing, 2022, 36, 2496-2518.	4.1	3

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19	Multiobjective Dynamic Optimization of Cooperative Difference Games in Infinite Horizon. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6669-6680.	9.3	10
20	pth moment exponential stability of general nonlinear discrete-time stochastic systems. Science China Information Sciences, 2021, 64, 1.	4.3	6
21	Robust H_∞ filtering for nonlinear discrete-time stochastic systems. Automatica, 2021, 123, 109343.	6.0	28
22	Back-stepping stabilization of fractional-order triangular system with applications to chaotic systems. Asian Journal of Control, 2021, 23, 143-154.	3.0	3
23	Fault detection filtering for Itô-type affine nonlinear stochastic systems. Asian Journal of Control, 2021, 23, 620-635.	3.0	3
24	Consensus of the Hybrid Multiagent System Under Impulse Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2573-2577.	3.0	2
25	Reverse-Order Multi-Objective Evolution Algorithm for Multi-Objective Observer-Based Fault-Tolerant Control of T-S Fuzzy Systems. IEEE Access, 2021, 9, 1556-1574.	4.2	7
26	Universal adaptive control strategies for stochastic nonlinear time-delay systems with odd rational powers. Automatica, 2021, 125, 109419.	5.0	17
27	Finite-time adaptive control for nonlinear systems with uncertain parameters based on the command filters. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1754-1767.	4.1	101
28	Stability criteria of random delay differential systems subject to random impulses. International Journal of Robust and Nonlinear Control, 2021, 31, 6681-6698.	3.7	9
29	Disturbance-observer-based finite-time adaptive fuzzy control for non-triangular switched nonlinear systems with input saturation. Information Sciences, 2021, 561, 152-167.	6.9	27
30	Further stability results for random nonlinear systems with stochastic impulses. Journal of the Franklin Institute, 2021, 358, 5426-5450.	3.4	4
31	Pareto efficiency in the infinite horizon mean-field type cooperative stochastic differential game. Journal of the Franklin Institute, 2021, 358, 5532-5551.	3.4	6
32	Infinite horizon multiobjective optimal control of stochastic cooperative linear-quadratic dynamic difference games. Journal of the Franklin Institute, 2021, 358, 8288-8307.	3.4	4
33	Improved noise-to-state stability criteria of random nonlinear systems with stochastic impulses. IET Control Theory and Applications, 2021, 15, 96-109.	2.1	3
34	Finite-time annular domain stability and stabilization for stochastic Markovian switching systems driven by Wiener and Poisson noises. International Journal of Robust and Nonlinear Control, 2021, 31, 2290-2304.	3.7	12
35	Prescribed performance adaptive fuzzy control for nonstrict-feedback nonlinear systems with dead zone outputs. International Journal of Adaptive Control and Signal Processing, 2021, 35, 567-590.	4.1	2
36	Adaptive Fuzzy Control of Stochastic Nonlinear Systems With Fuzzy Dead Zones and Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2020, 50, 587-599.	9.5	33

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37	Adaptive Fuzzy Tracking Control for a Class of Nonstrict-Feedback Stochastic Nonlinear Systems With Actuator Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3456-3469.	9.3	18
38	Robust H_∞ control for a class of quasi-linear uncertain stochastic time-varying delayed systems. Asian Journal of Control, 2020, 22, 1755-1766.	3.0	7
39	Global stabilisation for a class of upper-triangular nonlinear systems with unmodelled dynamics and time-delay. International Journal of Control, 2020, 93, 1147-1158.	1.9	9
40	Pareto optimal strategy for linear stochastic systems with H_∞ constraint in finite horizon. Information Sciences, 2020, 512, 1103-1117.	6.9	17
41	Multiobjective control for nonlinear stochastic Poisson jump-diffusion systems via T-S fuzzy interpolation and Pareto optimal scheme. Fuzzy Sets and Systems, 2020, 385, 148-168.	2.7	7
42	Study on stability in probability of general discrete-time stochastic systems. Science China Information Sciences, 2020, 63, 1.	4.3	6
43	New noise-to-state stability and instability criteria for random nonlinear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 526-537.	3.7	18
44	Aperiodically Intermittent Control for Finite-Time Synchronization of Delayed Complex Dynamical Networks. , 2020, , .		0
45	Intermittent boundary stabilization of stochastic reaction–diffusion Cohen–Grossberg neural networks. Neural Networks, 2020, 131, 1-13.	5.9	13
46	Fractional-Order Nonsingular Terminal Sliding Mode Control of Uncertain Robot Neural Network. , 2020, , .		1
47	Stability analysis of random nonlinear systems with time-varying delay and its application. Automatica, 2020, 117, 108994.	5.0	26
48	Weighted $$\mathbf{H}_\infty$$ Performance Analysis of Nonlinear Stochastic Switched Systems: A Mode-Dependent Average Dwell Time Method. International Journal of Fuzzy Systems, 2020, 22, 1454-1467.	4.0	5
49	Fuzzy Quantized Control of Nonstrict Feedback Nonlinear Systems with Actuator Faults. International Journal of Fuzzy Systems, 2020, 22, 1922-1936.	4.0	1
50	Improved stability and instability theorems for stochastic nonlinear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 3149-3163.	3.7	1
51	Study on Consensus of the Forth-Order Discrete-Time Multiagent System in Directed Networks. IEEE Access, 2020, 8, 11658-11668.	4.2	2
52	Asynchronous H_∞ control for uncertain singular stochastic Markov jump systems with multiplicative noise based on hidden Markov mode. Journal of the Franklin Institute, 2020, 357, 5226-5247.	3.4	18
53	Practical tracking and disturbance rejection for a class of discrete-time stochastic linear systems. International Journal of Control, 2020, , 1-10.	1.9	1
54	Finite-time adaptive switched gain control for non-strict feedback nonlinear systems via nonlinear command filter. Nonlinear Dynamics, 2020, 100, 3485-3496.	5.2	9

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55	Multi-criteria dynamic optimization of mean-field stochastic linear-quadratic cooperative difference games in the finite time horizon. , 2020, , .		0
56	New Approach to General Nonlinear Discrete-Time Stochastic H_{infty} Control. IEEE Transactions on Automatic Control, 2019, 64, 1472-1486.	5.7	5
57	Multiobjective H_{2}/H_{infty} Control Design of the Nonlinear Mean-Field Stochastic Jump-Diffusion Systems via Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2019, 27, 686-700.	9.8	23
58	Mathematical Theories and Applications for Nonlinear Control Systems. Mathematical Problems in Engineering, 2019, 2019, 1-6.	1.1	2
59	Finite‐time prescribed performance adaptive fuzzy fault‐tolerant control for nonstrict‐feedback nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1407-1424.	4.1	15
60	Linear feedback synchronization and anti-synchronization of a class of fractional-order chaotic systems based on triangular structure. European Physical Journal Plus, 2019, 134, 1.	2.6	3
61	Adaptive tracking control for a class of stochastic switched systems with stochastic input-to-state stable inverse dynamics and input saturation. Systems and Control Letters, 2019, 134, 104555.	2.3	11
62	Recursive least squares based hierarchical estimation for multi-input nonlinear systems. , 2019, , .		1
63	Stability and stabilization of nonlinear discrete‐time stochastic systems. International Journal of Robust and Nonlinear Control, 2019, 29, 6419-6437.	3.7	16
64	Finite-time stability and stabilization of linear discrete time-varying stochastic systems. Journal of the Franklin Institute, 2019, 356, 1247-1267.	3.4	27
65	Adaptive fuzzy control of MIMO nonlinear systems with fuzzy dead zones. Applied Soft Computing Journal, 2019, 80, 700-711.	7.2	8
66	Mean square finite-time boundary stabilisation and H^{∞} boundary control for stochastic reaction-diffusion systems. International Journal of Systems Science, 2019, 50, 1388-1398.	5.5	13
67	Spectral perspective on stability and stabilisation of continuous‐time mean‐field stochastic systems. IET Control Theory and Applications, 2019, 13, 1137-1146.	2.1	0
68	<italic>H</italic>_ Index for Linear Time-Varying Markov Jump Stochastic Systems and Its Application to Fault Detection. IEEE Access, 2019, 7, 23698-23712.	4.2	6
69	Study on stability and stabilizability of discrete-time mean-field stochastic systems. Journal of the Franklin Institute, 2019, 356, 2153-2171.	3.4	8
70	Observer-Based Adaptive Fuzzy Fault-Tolerant Control for Nonlinear Systems Using Small-Gain Approach. International Journal of Fuzzy Systems, 2019, 21, 685-699.	4.0	6
71	Regulation control for a class of stochastic nonlinear cascaded systems. , 2019, , .		0
72	Tracking Control with Zero Steady-state Error for the Discrete-time Mass-Spring-Damper System. , 2019, , .		0

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73	Adaptive fuzzy control of MIMO nonstrict-feedback nonlinear systems with fuzzy dead zones and time delays. Nonlinear Dynamics, 2019, 95, 1565-1583.	5.2	14
74	Multiobjective Optimization Control for Uncertain Nonlinear Stochastic System with State-Delay. International Journal of Fuzzy Systems, 2019, 21, 72-83.	4.0	8
75	An Open-Loop Stackelberg Strategy for the Linear Quadratic Mean-Field Stochastic Differential Game. IEEE Transactions on Automatic Control, 2019, 64, 97-110.	5.7	63
76	Adaptive tracking control for a class of random pure†feedback nonlinear systems with Markovian switching. International Journal of Robust and Nonlinear Control, 2018, 28, 3112-3126.	3.7	20
77	Pareto-based guaranteed cost control of the uncertain mean-field stochastic systems in infinite horizon. Automatica, 2018, 92, 197-209.	5.0	32
78	State feedback control for stochastic Markovian jump delay systems based on LaSalle-type theorem. Journal of the Franklin Institute, 2018, 355, 2179-2196.	3.4	18
79	A unified framework for asymptotic and transient behavior of linear stochastic systems. Applied Mathematics and Computation, 2018, 325, 31-40.	2.2	15
80	Necessary/sufficient conditions for Pareto optimum in cooperative difference game. Optimal Control Applications and Methods, 2018, 39, 1043-1060.	2.1	22
81	Global stabilization for a class of stochastic nonlinear systems with SISS†like conditions and time delay. International Journal of Robust and Nonlinear Control, 2018, 28, 3909-3926.	3.7	39
82	Global Adaptive Stabilization and Tracking Control for High-Order Stochastic Nonlinear Systems With Time-Varying Delays. IEEE Transactions on Automatic Control, 2018, 63, 2928-2943.	5.7	64
83	A sliding mode approach for uncertain markovian neutral-type singular systems. , 2018, , .		0
84	On the System Entropy and Energy Dissipativity of Stochastic Systems and Their Application in Biological Systems. Complexity, 2018, 2018, 1-18.	1.6	8
85	Robust H<inf>â^ž</inf> filtering for nonlinear uncertain stochastic time-varying delayed systems. , 2018, , .		0
86	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow> Robust Tracking Control of Stochastic T-S Fuzzy Systems with Poisson Jumps. Mathematical Problems in Engineering, 2018, 2018, 1-14.	1.1	4
87	Adaptive fuzzy control for pure-feedback stochastic nonlinear systems with unknown dead zone outputs. International Journal of Systems Science, 2018, 49, 2981-2995.	5.5	7
88	H<inf>â^ž</inf> Control for a Class of Nonlinear Stochastic Poisson Jump Systems. , 2018, , .		0
89	Adaptive fuzzy FTC design of nonlinear stochastic systems with actuator faults and unmodeled dynamics. International Journal of Adaptive Control and Signal Processing, 2018, 32, 1081-1101.	4.1	12
90	Extended dissipative analysis and synthesis for network control systems with an event-triggered scheme. Neurocomputing, 2018, 312, 34-40.	5.9	23

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91	Infinite horizon linear quadratic Pareto game of the stochastic singular systems. Journal of the Franklin Institute, 2018, 355, 4436-4452.	3.4	24
92	Necessary and sufficient conditions for Pareto optimality of the stochastic systems in finite horizon. Automatica, 2018, 94, 341-348.	5.0	25
93	Fuzzy adaptive control of nonlinear MIMO systems with unknown dead zone outputs. Journal of the Franklin Institute, 2018, 355, 5690-5720.	3.4	23
94	Stability analysis of time-varying discrete stochastic systems with multiplicative noise and state delays. Journal of the Franklin Institute, 2018, 355, 6638-6656.	3.4	4
95	Normalisation design for delayed singular Markovian jump systems based on system transformation technique. International Journal of Systems Science, 2018, 49, 1603-1614.	5.5	15
96	Robust stability, stabilization and H<inf>Å"</inf> control for a class of nonlinear uncertain stochastic time-varying delayed systems. , 2018, , .		0
97	Weighted Hâ̂ž Performance Analysis of Nonlinear Stochastic Switched Systems with State Dependent Noise: A Mode-Dependent Average Dwell Time Method. , 2018, , .		1
98	LaSalle-Type Theorem and Its Applications to Infinite Horizon Optimal Control of Discrete-Time Nonlinear Stochastic Systems. IEEE Transactions on Automatic Control, 2017, 62, 250-261.	5.7	68
99	Multiobjective Investment Policy for a Nonlinear Stochastic Financial System: A Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2017, 25, 460-474.	9.8	39
100	Finite-time guaranteed cost control for ItÃ´ Stochastic Markovian jump systems with incomplete transition rates. International Journal of Robust and Nonlinear Control, 2017, 27, 66-83.	3.7	62
101	H â̂ž Filtering for General Delayed Nonlinear Stochastic Systems with Markov Jumps. International Journal of Fuzzy Systems, 2017, 19, 1989-2002.	4.0	9
102	Fuzzy adaptive control for SISO nonlinear uncertain systems based on backstepping and small-gain approach. Neurocomputing, 2017, 238, 212-226.	5.9	18
103	Global practical tracking for stochastic time-delay nonlinear systems with SISS-like inverse dynamics. Science China Information Sciences, 2017, 60, 1.	4.3	23
104	Linear quadratic Pareto optimal control problem of stochastic singular systems. Journal of the Franklin Institute, 2017, 354, 1220-1238.	3.4	31
105	Robust Stochastic Stability and Control for Uncertain Singular Markovian Jump Systems with Multiplicative Noise. Asian Journal of Control, 2017, 19, 1891-1904.	3.0	12
106	Hâ̂ž control for nonlinear stochastic Markov systems with time-delay and multiplicative noise. Journal of Systems Science and Complexity, 2017, 30, 1293-1315.	2.8	18
107	Discrete-time mean-field stochastic H 2/H â̂ž control. Journal of Systems Science and Complexity, 2017, 30, 765-781.	2.8	24
108	Detectability, observability and Lyapunov-type theorems of linear discrete time-varying stochastic systems with multiplicative noise. International Journal of Control, 2017, 90, 2490-2507.	1.9	20

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109	Quadratic stabilizability and H_∞ control of linear discrete‐time stochastic uncertain systems. Asian Journal of Control, 2017, 19, 35-46.	3.0	24
110	Robust filtering for switched discrete linear parameter-varying systems with missing measurements and random disturbances. , 2017, , .		0
111	Stochastic Systems and Control: Theory and Applications. Mathematical Problems in Engineering, 2017, 2017, 1-4.	1.1	4
112	StochasticH∞Control for Discrete-Time Singular Systems with State and Disturbance Dependent Noise. Discrete Dynamics in Nature and Society, 2017, 2017, 1-10.	0.9	1
113	Adaptive stabilization control for stochastic nonlinear systems with time-varying delay. , 2017, , .		0
114	Pareto optimality in finite horizon LQ stochastic differential games. , 2017, , .		1
115	A combined backstepping and dynamic surface control to adaptive fuzzy state‐feedback control. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1666-1685.	4.1	22
116	Quantitative exponential stability and stabilisation of discrete‐time Markov jump systems with multiplicative noises. IET Control Theory and Applications, 2017, 11, 2886-2892.	2.1	22
117	Robust Stability, Stabilization, and H_∞ Control of a Class of Nonlinear Discrete Time Stochastic Systems. Mathematical Problems in Engineering, 2016,	1.1	3
118	Robust Quadratic Stabilizability and H_∞ Control of Uncertain Linear Discrete-Time Stochastic Systems with State Delay. Mathematical Problems in Engineering, 2016, 2016, 1-11.	1.1	3
119	New results on stability of singular stochastic Markov jump systems with state-dependent noise. International Journal of Robust and Nonlinear Control, 2016, 26, 2169-2186.	3.7	45
120	H_∞ Control for Continuous‐Time Mean‐Field Stochastic Systems. Asian Journal of Control, 2016, 18, 1630-1640.	3.0	22
121	Stability and stabilization of discrete-time Markov jump singular systems with general uncertain transition rates. , 2016, , .		0
122	Stochastic state feedback H∞ control for singular systems with multiplicative noise. , 2016, , .		0
123	Mixed H 2/H ∞ control for linear infinite-dimensional systems. International Journal of Control, Automation and Systems, 2016, 14, 128-139.	2.7	4
124	Robust quadratic stability and stabilizability of uncertain linear discrete-time stochastic systems with state delay. , 2016, , .		0
125	Robust H∞ filtering with stability degree constraint of a class of nonlinear discrete time stochastic systems. , 2016, , .		0
126	Regional pole placement of wind turbine generator system via a Markovian approach. IET Control Theory and Applications, 2016, 10, 1771-1781.	2.1	20

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127	Global output tracking control for high-order stochastic nonlinear systems with SISS inverse dynamics and time-varying delays. Journal of the Franklin Institute, 2016, 353, 3249-3270.	3.4	23
128	Observer-based controller design for singular stochastic Markov jump systems with state dependent noise. Journal of Systems Science and Complexity, 2016, 29, 946-958.	2.8	59
129	Corrections to 'Mixed control of time‐varying stochastic discrete‐time systems under uniform detectability'. IET Control Theory and Applications, 2016, 10, 1202-1203.	2.1	1
130	Finite horizon mean-field stochastic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0009.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:m control for continuous-time systems with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0010.gif"		

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145	The H_∞ Control for Bilinear Systems with Poisson Jumps. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	1
146	Finite-Time Stability and Stabilization of ItÃ´-Type Stochastic Singular Systems. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	15
147	Discrete-Time Indefinite Stochastic Linear Quadratic Optimal Control with Second Moment Constraints. Mathematical Problems in Engineering, 2014, 2014, 1-9.	1.1	5
148	Feedback Stabilization for a Class of Nonlinear Stochastic Systems with State- and Control-Dependent Noise. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	1
149	Dissipative control for Markov jump non-linear stochastic systems based on Tâ€"S fuzzy model. International Journal of Systems Science, 2014, 45, 1213-1224.	5.5	31
150	Mixed H_2 / H_∞ control of timeâ€varying stochastic discreteâ€time systems under uniform detectability. IET Control Theory and Applications, 2014, 8, 1866-1874.	2.1	10
151	Finite horizon H_2/H_∞ control of timeâ€varying stochastic systems with Markov jumps and (x,u,v)â€dependent noise. IET Control Theory and Applications,	2.1	14
152	Nonlinear Stochastic H_∞ Control with Markov Jumps and $(x, u, v$ Nonlinear Stochastic H_∞ Control with Markov Jumps and $(x, u, v$	1.1	1
153	Mathematical Approaches in Advanced Control Theories 2013. Journal of Applied Mathematics, 2014, 2014, 1-2.	0.9	0
154	Exact detectability of linear discrete-time time-varying stochastic systems. , 2014, , .		0
155	The LaSalle theorem for the stochastic difference equations. , 2014, , .		3
156	Fuzzy approach to H_∞ filtering for delayed nonlinear stochastic systems. , 2014, , .		0
157	A geometric approach to H_∞ control of nonlinear Markovian jump systems. International Journal of Control, 2014, 87, 1833-1845.	1.9	7
158	Algorithms to Solve Stochastic H_2/H_∞ Control with State-Dependent Noise. Mathematical Problems in Engineering, 2014, 2014, 1-9.	1.1	0
159	Spectral Perspective on the Stability of Discrete-Time Markov Jump Systems with Multiplicative Noise. Mathematical Problems in Engineering, 2014, 2014, 1-6.	1.1	1
160	Stochastic Maximum Principle for Mean-Field Type Optimal Control Under Partial Information. IEEE Transactions on Automatic Control, 2014, 59, 522-528.	5.7	86
161	Some Remarks on General Nonlinear Stochastic H_{∞} Control With State, Control, and Disturbance-Dependent Noise. IEEE Transactions on Automatic Control, 2014, 59, 237-242.	5.7	36
162	Finite-time stability and stabilization of It&#x00F4; stochastic time-varying systems. , 2014, , .		0

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163	Relationship Between Nash Equilibrium Strategies and <inline-formula> <tex-math notation="TeX">H_{2}/H_{infty}</tex-math></inline-formula> Control of Stochastic Markov Jump Systems With Multiplicative Noise. IEEE Transactions on Automatic Control, 2014, 59, 2592-2597.	5.7	92
164	Stochastic linear quadratic optimal control with constraint for discrete-time systems. Applied Mathematics and Computation, 2014, 228, 264-270.	2.2	76
165	Finite‐Time Stability and Stabilization of Linear Itô Stochastic Systems with State and Control‐Dependent Noise. Asian Journal of Control, 2013, 15, 270-281.	3.0	95
166	Infinite horizon $$H_2/H_infty $$ optimal control for discrete-time Markov jump systems with () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.8	20
167	On uniform detectability of discrete-time stochastic systems subject to multiplicative noise. , 2013, , .		3
168	Discrete-time indefinite stochastic linear quadratic optimal control with equality constraints. , 2013, , .		1
169	Robust H<inf>2</inf>/H<inf>∞</inf> control for discrete-time systems with Markovian jumps and multiplicative noise: Infinite horizon case. , 2013, , .		0
170	Passivity and feedback design of nonlinear Markovian jump systems. , 2013, , .		2
171	A game‐based control design for discrete‐time Markov jump systems with multiplicative noise. IET Control Theory and Applications, 2013, 7, 773-783.	2.1	16
172	Stability of Nonlinear Stochastic Discrete-Time Systems. Journal of Applied Mathematics, 2013, 2013, 1-8.	0.9	19
173	Positive Solutions for Boundary Value Problems of Singular Fractional Differential Equations. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.7	8
174	Stochastic Systems 2013. Mathematical Problems in Engineering, 2013, 2013, 1-2.	1.1	1
175	Spectral characterisation for stability and stabilisation of linear stochastic systems with Markovian switching and its applications. IET Control Theory and Applications, 2013, 7, 730-737.	2.1	8
176	Study on Indefinite Stochastic Linear Quadratic Optimal Control with Inequality Constraint. Journal of Applied Mathematics, 2013, 2013, 1-9.	0.9	8
177	The Output Feedback <i><scp>H</scp></i>_∞ Control Design for the Linear Stochastic System Driven by Both Brownian Motion and <scp>P</scp>oisson Jumps: A Nonlinear Matrix Inequality Approach. Asian Journal of Control, 2013, 15, 1139-1148.	3.0	3
178	Robust<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>H</mml:mi><mml:mi mathvariant="bold">∞</mml:mi></mml:msub></mml:mrow></mml:math>Filtering for General Nonlinear Stochastic State-Delayed Systems. Mathematical Problems in Engineering, 2012, 2012, 1-15.	1.1	8
179	Discrete-Time Indefinite Stochastic LQ Control via SDP and LMI Methods. Journal of Applied Mathematics, 2012, 2012, 1-14.	0.9	7
180	On detectability and observability of discrete-time stochastic Markov jump systems with state-dependent noise. , 2012, , .		1

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181	A unified control design for a class of discrete-time Markov jump systems: A game approach. , 2012, , .		0
182	RobustH2/HâˆžFilter Design for a Class of Nonlinear Stochastic Systems with State-Dependent Noise. Mathematical Problems in Engineering, 2012, 2012, 1-16.	1.1	4
183	Stochastic Systems: Modeling, Analysis, Synthesis, Control, and Their Applications to Engineering. Mathematical Problems in Engineering, 2012, 2012, 1-3.	1.1	0
184	On stability and detectability of complex stochastic systems. , 2012, , .		0
185	${cal H}$-Representation and Applications to Generalized Lyapunov Equations and Linear Stochastic Systems. IEEE Transactions on Automatic Control, 2012, 57, 3009-3022.	5.7	95
186	Infinite horizon <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si10.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></m... control for discrete-time time-varying Markov jump systems with multiplicative noise. Automatica, 2012, 48, 1447-1454.	5.0	66
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