

# Weihai Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181  
papers

3,445  
citations

31  
h-index

53  
g-index

229  
ext. papers

4,451  
ext. citations

3.3  
avg, IF

6.21  
L-index

#	Paper	IF	Citations
181	Regulation Control for Discrete-time Stochastic Nonlinear Active Suspension. <i>International Journal of Control, Automation and Systems</i> , <b>2022</b> , 20, 888-896	2.9	1
180	Stabilization of random nonlinear systems subject to deception attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2022</b> , 32, 2233-2250	3.6	3
179	A kernel-based identification approach for a class of nonlinear systems with quantized output data <b>2022</b> , 128, 103595		
178	Command-Filter-Based Adaptive Fuzzy Finite-Time Output Feedback Control for State-Constrained Nonlinear Systems With Input Saturation. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	0
177	Improved noise-to-state stability criteria of random nonlinear systems with stochastic impulses. <i>IET Control Theory and Applications</i> , <b>2021</b> , 15, 96-109	2.5	1
176	Finite-time annular domain stability and stabilization for stochastic Markovian switching systems driven by Wiener and Poisson noises. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 2290-2304	3.6	5
175	Prescribed performance adaptive fuzzy control for nonstrict-feedback nonlinear systems with dead zone outputs. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 567-590	2.8	2
174	Universal adaptive control strategies for stochastic nonlinear time-delay systems with odd rational powers. <i>Automatica</i> , <b>2021</b> , 125, 109419	5.7	6
173	Finite-time adaptive control for nonlinear systems with uncertain parameters based on the command filters. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 1754-1767	2.8	14
172	Stability criteria of random delay differential systems subject to random impulses. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 6681-6698	3.6	2
171	Disturbance-observer-based finite-time adaptive fuzzy control for non-triangular switched nonlinear systems with input saturation. <i>Information Sciences</i> , <b>2021</b> , 561, 152-167	7.7	6
170	Further stability results for random nonlinear systems with stochastic impulses. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 5426-5450	4	2
169	$p$ th moment exponential stability of general nonlinear discrete-time stochastic systems. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	3
168	Robust H <sub>∞</sub> filtering for nonlinear discrete-time stochastic systems. <i>Automatica</i> , <b>2021</b> , 123, 109343	5.7	10
167	Back-stepping stabilization of fractional-order triangular system with applications to chaotic systems. <i>Asian Journal of Control</i> , <b>2021</b> , 23, 143-154	1.7	0
166	Fault detection filtering for It $\hat{e}$ type affine nonlinear stochastic systems. <i>Asian Journal of Control</i> , <b>2021</b> , 23, 620-635	1.7	2
165	Consensus of the Hybrid Multiagent System Under Impulse Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1

164	Reverse-Order Multi-Objective Evolution Algorithm for Multi-Objective Observer-Based Fault-Tolerant Control of T-S Fuzzy Systems. <i>IEEE Access</i> , <b>2021</b> , 9, 1556-1574	3.5	2
163	Indefinite Mean-Field Stochastic Cooperative Linear-Quadratic Dynamic Difference Game With Its Application to the Network Security Model. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
162	Pareto efficiency in the infinite horizon mean-field type cooperative stochastic differential game. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 5532-5551	4	3
161	Infinite horizon multiobjective optimal control of stochastic cooperative linear-quadratic dynamic difference games. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 8288-8288	4	1
160	Robust State/Fault Estimation and Fault-Tolerant Control in Discrete-Time T-S Fuzzy Systems: An Embedded Smoothing Signal Model Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	3
159	Multiobjective Dynamic Optimization of Cooperative Difference Games in Infinite Horizon. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12	7.3	4
158	Stability analysis of random nonlinear systems with time-varying delay and its application. <i>Automatica</i> , <b>2020</b> , 117, 108994	5.7	12
157	Weighted ( $\mathbf{H}_\infty$ ) Performance Analysis of Nonlinear Stochastic Switched Systems: A Mode-Dependent Average Dwell Time Method. <i>International Journal of Fuzzy Systems</i> , <b>2020</b> , 22, 1454-1467	3.6	2
156	Fuzzy Quantized Control of Nonstrict Feedback Nonlinear Systems with Actuator Faults. <i>International Journal of Fuzzy Systems</i> , <b>2020</b> , 22, 1922-1936	3.6	1
155	Improved stability and instability theorems for stochastic nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 3149-3163	3.6	0
154	Study on Consensus of the Forth-Order Discrete-Time Multiagent System in Directed Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 11658-11668	3.5	
153	Asynchronous $H_\infty$ control for uncertain singular stochastic Markov jump systems with multiplicative noise based on hidden Markov mode. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 5226-5247	4	8
152	Finite-time adaptive switched gain control for non-strict feedback nonlinear systems via nonlinear command filter. <i>Nonlinear Dynamics</i> , <b>2020</b> , 100, 3485-3496	5	7
151	Study on stability in probability of general discrete-time stochastic systems. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	5
150	New noise-to-state stability and instability criteria for random nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 526-537	3.6	10
149	Intermittent boundary stabilization of stochastic reaction-diffusion Cohen-Grossberg neural networks. <i>Neural Networks</i> , <b>2020</b> , 131, 1-13	9.1	5
148	Pareto-Optimal Strategy for Linear Mean-Field Stochastic Systems With $H_\infty$ Constraint. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	3
147	$p$ th Moment Asymptotic Stability/Stabilization and $p$ th Moment Observability of Linear Stochastic Systems: Generalized $H$ -Representation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-9	7.3	5

146	Fractional-Order Nonsingular Terminal Sliding Mode Control of Uncertain Robot Neural Network <b>2020</b> ,		1
145	Adaptive Fuzzy Control of Stochastic Nonlinear Systems With Fuzzy Dead Zones and Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 587-599	10.2	16
144	Adaptive Fuzzy Tracking Control for a Class of Nonstrict-Feedback Stochastic Nonlinear Systems With Actuator Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3456-3469	7.3	6
143	Robust $H_{\infty}$ control for a class of quasi-linear uncertain stochastic time-varying delayed systems. <i>Asian Journal of Control</i> , <b>2020</b> , 22, 1755-1766	1.7	1
142	Global stabilisation for a class of upper-triangular nonlinear systems with unmodelled dynamics and time-delay. <i>International Journal of Control</i> , <b>2020</b> , 93, 1147-1158	1.5	5
141	Pareto optimal strategy for linear stochastic systems with $H_{\infty}$ constraint in finite horizon. <i>Information Sciences</i> , <b>2020</b> , 512, 1103-1117	7.7	8
140	Multiobjective control for nonlinear stochastic Poisson jump-diffusion systems via T-S fuzzy interpolation and Pareto optimal scheme. <i>Fuzzy Sets and Systems</i> , <b>2020</b> , 385, 148-168	3.7	5
139	Practical tracking and disturbance rejection for a class of discrete-time stochastic linear systems. <i>International Journal of Control</i> , <b>2020</b> , 1-10	1.5	1
138	Finite-time stability and stabilization of linear discrete time-varying stochastic systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 1247-1267	4	13
137	Adaptive fuzzy control of MIMO nonlinear systems with fuzzy dead zones. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 80, 700-711	7.5	4
136	Mean square finite-time boundary stabilisation and $H_{\infty}$ boundary control for stochastic reaction-diffusion systems. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 1388-1398	2.3	8
135	Spectral perspective on stability and stabilisation of continuous-time mean-field stochastic systems. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 1137-1146	2.5	
134	$H_{\infty}$ Index for Linear Time-Varying Markov Jump Stochastic Systems and Its Application to Fault Detection. <i>IEEE Access</i> , <b>2019</b> , 7, 23698-23712	3.5	5
133	Study on stability and stabilizability of discrete-time mean-field stochastic systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 2153-2171	4	6
132	New Approach to General Nonlinear Discrete-Time Stochastic $H_{\infty}$ Control. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1472-1486	5.9	4
131	Multiobjective $H_2/H_{\infty}$ Control Design of the Nonlinear Mean-Field Stochastic Jump-Diffusion Systems via Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 686-700	8.3	13
130	Mathematical Theories and Applications for Nonlinear Control Systems. <i>Mathematical Problems in Engineering</i> , <b>2019</b> , 2019, 1-6	1.1	2
129	Finite-time prescribed performance adaptive fuzzy fault-tolerant control for nonstrict-feedback nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2019</b> , 33, 1407-1424	2.8	9

128	Linear feedback synchronization and anti-synchronization of a class of fractional-order chaotic systems based on triangular structure. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1	3.1	1
127	Adaptive tracking control for a class of stochastic switched systems with stochastic input-to-state stable inverse dynamics and input saturation. <i>Systems and Control Letters</i> , <b>2019</b> , 134, 104555	2.4	7
126	Stability and stabilization of nonlinear discrete-time stochastic systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 6419-6437	3.6	12
125	Observer-Based Adaptive Fuzzy Fault-Tolerant Control for Nonlinear Systems Using Small-Gain Approach. <i>International Journal of Fuzzy Systems</i> , <b>2019</b> , 21, 685-699	3.6	1
124	Adaptive fuzzy control of MIMO nonstrict-feedback nonlinear systems with fuzzy dead zones and time delays. <i>Nonlinear Dynamics</i> , <b>2019</b> , 95, 1565-1583	5	8
123	Multiobjective Optimization Control for Uncertain Nonlinear Stochastic System with State-Delay. <i>International Journal of Fuzzy Systems</i> , <b>2019</b> , 21, 72-83	3.6	6
122	An Open-Loop Stackelberg Strategy for the Linear Quadratic Mean-Field Stochastic Differential Game. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 97-110	5.9	32
121	Adaptive tracking control for a class of random pure-feedback nonlinear systems with Markovian switching. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 3112-3126	3.6	18
120	Pareto-based guaranteed cost control of the uncertain mean-field stochastic systems in infinite horizon. <i>Automatica</i> , <b>2018</b> , 92, 197-209	5.7	18
119	State feedback control for stochastic Markovian jump delay systems based on LaSalle-type theorem. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 2179-2196	4	13
118	A unified framework for asymptotic and transient behavior of linear stochastic systems. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 325, 31-40	2.7	12
117	Necessary/sufficient conditions for Pareto optimum in cooperative difference game. <i>Optimal Control Applications and Methods</i> , <b>2018</b> , 39, 1043-1060	1.7	19
116	Global stabilization for a class of stochastic nonlinear systems with SISS-like conditions and time delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 3909-3926	3.6	30
115	Global Adaptive Stabilization and Tracking Control for High-Order Stochastic Nonlinear Systems With Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 2928-2943	5.9	41
114	Stability analysis of time-varying discrete stochastic systems with multiplicative noise and state delays. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 6638-6656	4	2
113	Normalisation design for delayed singular Markovian jump systems based on system transformation technique. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 1603-1614	2.3	12
112	Weighted H <sub>2</sub> Performance Analysis of Nonlinear Stochastic Switched Systems with State Dependent Noise: A Mode-Dependent Average Dwell Time Method <b>2018</b> ,		1
111	On the System Entropy and Energy Dissipativity of Stochastic Systems and Their Application in Biological Systems. <i>Complexity</i> , <b>2018</b> , 2018, 1-18	1.6	6

110	H $\infty$ Robust Tracking Control of Stochastic T-S Fuzzy Systems with Poisson Jumps. <i>Mathematical Problems in Engineering</i> , <b>2018</b> , 2018, 1-14	1.1	3
109	Adaptive fuzzy control for pure-feedback stochastic nonlinear systems with unknown dead zone outputs. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 2981-2995	2.3	7
108	Adaptive fuzzy FTC design of nonlinear stochastic systems with actuator faults and unmodeled dynamics. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2018</b> , 32, 1081-1101	2.8	10
107	Extended dissipative analysis and synthesis for network control systems with an event-triggered scheme. <i>Neurocomputing</i> , <b>2018</b> , 312, 34-40	5.4	13
106	Infinite horizon linear quadratic Pareto game of the stochastic singular systems. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 4436-4452	4	15
105	Necessary and sufficient conditions for Pareto optimality of the stochastic systems in finite horizon. <i>Automatica</i> , <b>2018</b> , 94, 341-348	5.7	10
104	Fuzzy adaptive control of nonlinear MIMO systems with unknown dead zone outputs. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 5690-5720	4	15
103	LaSalle-Type Theorem and Its Applications to Infinite Horizon Optimal Control of Discrete-Time Nonlinear Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 250-261	5.9	56
102	Multiobjective Investment Policy for a Nonlinear Stochastic Financial System: A Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 460-474	8.3	24
101	Finite-time guaranteed cost control for It $\hat{O}$ stochastic Markovian jump systems with incomplete transition rates. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 66-83	3.6	56
100	H $\infty$ Filtering for General Delayed Nonlinear Stochastic Systems with Markov Jumps. <i>International Journal of Fuzzy Systems</i> , <b>2017</b> , 19, 1989-2002	3.6	7
99	Fuzzy adaptive control for SISO nonlinear uncertain systems based on backstepping and small-gain approach. <i>Neurocomputing</i> , <b>2017</b> , 238, 212-226	5.4	16
98	Global practical tracking for stochastic time-delay nonlinear systems with SISS-like inverse dynamics. <i>Science China Information Sciences</i> , <b>2017</b> , 60, 1	3.4	16
97	Linear quadratic Pareto optimal control problem of stochastic singular systems. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 1220-1238	4	18
96	Robust Stochastic Stability and Control for Uncertain Singular Markovian Jump Systems with Multiplicative Noise. <i>Asian Journal of Control</i> , <b>2017</b> , 19, 1891-1904	1.7	7
95	Stochastic H $\infty$ Control for Discrete-Time Singular Systems with State and Disturbance Dependent Noise. <i>Discrete Dynamics in Nature and Society</i> , <b>2017</b> , 2017, 1-10	1.1	
94	H $\infty$ Control for nonlinear stochastic Markov systems with time-delay and multiplicative noise. <i>Journal of Systems Science and Complexity</i> , <b>2017</b> , 30, 1293-1315	1	12
93	Discrete-time mean-field stochastic H $^2$ /H $\infty$ Control. <i>Journal of Systems Science and Complexity</i> , <b>2017</b> , 30, 765-781	1	15

92	Detectability, observability and Lyapunov-type theorems of linear discrete time-varying stochastic systems with multiplicative noise. <i>International Journal of Control</i> , <b>2017</b> , 90, 2490-2507	1.5	16
91	Quadratic stabilizability and $H_2$ control of linear discrete-time stochastic uncertain systems. <i>Asian Journal of Control</i> , <b>2017</b> , 19, 35-46	1.7	16
90	Stochastic Systems and Control: Theory and Applications. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-4	1.1	2
89	Stochastic $H_2/H_\infty$ Control <b>2017</b> ,		41
88	Quantitative exponential stability and stabilisation of discrete-time Markov jump systems with multiplicative noises. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2886-2892	2.5	18
87	A combined backstepping and dynamic surface control to adaptive fuzzy state-feedback control. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2017</b> , 31, 1666-1685	2.8	14
86	Global output tracking control for high-order stochastic nonlinear systems with SISS inverse dynamics and time-varying delays. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 3249-3270	4	16
85	Observer-based controller design for singular stochastic Markov jump systems with state dependent noise. <i>Journal of Systems Science and Complexity</i> , <b>2016</b> , 29, 946-958	1	56
84	Corrections to Mixed control of time-varying stochastic discrete-time systems under uniform detectability. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1202-1203	2.5	0
83	Robust Stability, Stabilization, and $H_\infty$ Control of a Class of Nonlinear Discrete Time Stochastic Systems. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-11	1.1	0
82	Robust Quadratic Stabilizability and $H_\infty$ Control of Uncertain Linear Discrete-Time Stochastic Systems with State Delay. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-11	1.1	1
81	New results on stability of singular stochastic Markov jump systems with state-dependent noise. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 2169-2186	3.6	32
80	$H_\infty$ Control for Continuous-Time Mean-Field Stochastic Systems. <i>Asian Journal of Control</i> , <b>2016</b> , 18, 1630-1640	1.7	12
79	Mixed $H_2/H_\infty$ Control for linear infinite-dimensional systems. <i>International Journal of Control, Automation and Systems</i> , <b>2016</b> , 14, 128-139	2.9	2
78	Regional pole placement of wind turbine generator system via a Markovian approach. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1771-1781	2.5	16
77	State and output feedback finite-time guaranteed cost control of linear it stochastic systems. <i>Journal of Systems Science and Complexity</i> , <b>2015</b> , 28, 813-829	1	27
76	A Maximum Principle for Optimal Control of Discrete-Time Stochastic Systems With Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 1121-1126	5.9	21
75	On observability and detectability of continuous-time stochastic Markov jump systems. <i>Journal of Systems Science and Complexity</i> , <b>2015</b> , 28, 830-847	1	31

74	Robust $H_2/H_\infty$ control for periodic stochastic difference systems with multiplicative noise. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 2451-2457	2.5	4
73	Infinite horizon indefinite stochastic linear quadratic control for discrete-time systems. <i>Control Theory and Technology</i> , <b>2015</b> , 13, 230-237	1	3
72	Some remarks on stability of stochastic singular systems with state-dependent noise. <i>Automatica</i> , <b>2015</b> , 51, 273-277	5.7	94
71	Finite horizon mean-field stochastic . <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 5393-5414	4	14
70	Stochastic Systems 2014. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-3	1.1	
69	$H_\infty$ control for Nonlinear Stochastic Systems with Time-Delay and Multiplicative Noise. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-9	1.1	
68	H-Index for Stochastic Linear Discrete-Time Systems. <i>Discrete Dynamics in Nature and Society</i> , <b>2015</b> , 2015, 1-10	1.1	
67	A Nash game approach to stochastic $H_2/H_\infty$ control: Overview and further research topics <b>2015</b> ,		1
66	Finite-Time Stability and Stabilization of Itô Stochastic Systems With Markovian Switching: Mode-Dependent Parameter Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2428-2433	5.9	115
65	Some Remarks on General Nonlinear Stochastic $H_\infty$ Control With State, Control, and Disturbance-Dependent Noise. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 237-242	5.9	30
64	Relationship Between Nash Equilibrium Strategies and $H_2/H_\infty$ Control of Stochastic Markov Jump Systems With Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 2592-2597	5.9	79
63	Stochastic linear quadratic optimal control with constraint for discrete-time systems. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 228, 264-270	2.7	69
62	The $H_\infty$ control for Bilinear Systems with Poisson Jumps. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-7	1.1	1
61	Finite-Time Stability and Stabilization of Itô Type Stochastic Singular Systems. <i>Abstract and Applied Analysis</i> , <b>2014</b> , 2014, 1-10	0.7	12
60	Discrete-Time Indefinite Stochastic Linear Quadratic Optimal Control with Second Moment Constraints. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-9	1.1	5
59	Feedback Stabilization for a Class of Nonlinear Stochastic Systems with State- and Control-Dependent Noise. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-8	1.1	0
58	Dissipative control for Markov jump non-linear stochastic systems based on TS fuzzy model. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1213-1224	2.3	27
57	Mixed $H_2/H_\infty$ control of time-varying stochastic discrete-time systems under uniform detectability. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1866-1874	2.5	8

56	Finite horizon $H_2/H_\infty$ control of time-varying stochastic systems with Markov jumps and $(x, u, v)$ -dependent noise. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1354-1363	2.5	11
55	Nonlinear Stochastic $H_\infty$ Control with Markov Jumps and $(x, u, v)$ -Dependent Noise: Finite and Infinite Horizon Cases. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-10	1.1	1
54	Mathematical Approaches in Advanced Control Theories 2013. <i>Journal of Applied Mathematics</i> , <b>2014</b> , 2014, 1-2	1.1	
53	A geometric approach to $H_\infty$ control of nonlinear Markovian jump systems. <i>International Journal of Control</i> , <b>2014</b> , 87, 1833-1845	1.5	5
52	Algorithms to Solve Stochastic $H_2/H_\infty$ Control with State-Dependent Noise. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-9	1.1	
51	Spectral Perspective on the Stability of Discrete-Time Markov Jump Systems with Multiplicative Noise. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-6	1.1	1
50	Stochastic Maximum Principle for Mean-Field Type Optimal Control Under Partial Information. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 522-528	5.9	67
49	Finite-Time Stability and Stabilization of Linear Itô Stochastic Systems with State and Control-Dependent Noise. <i>Asian Journal of Control</i> , <b>2013</b> , 15, 270-281	1.7	65
48	Infinite horizon $(H_2/H_\infty)$ optimal control for discrete-time Markov jump systems with $((x, u, v))$ -dependent noise. <i>Journal of Global Optimization</i> , <b>2013</b> , 57, 1245-1262	1.5	12
47	On uniform detectability of discrete-time stochastic systems subject to multiplicative noise <b>2013</b> ,		1
46	Passivity and feedback design of nonlinear Markovian jump systems <b>2013</b> ,		2
45	A game-based control design for discrete-time Markov jump systems with multiplicative noise. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 773-783	2.5	6
44	Stability of Nonlinear Stochastic Discrete-Time Systems. <i>Journal of Applied Mathematics</i> , <b>2013</b> , 2013, 1-8	1.1	13
43	Positive Solutions for Boundary Value Problems of Singular Fractional Differential Equations. <i>Abstract and Applied Analysis</i> , <b>2013</b> , 2013, 1-7	0.7	7
42	Stochastic Systems 2013. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-2	1.1	1
41	Spectral characterisation for stability and stabilisation of linear stochastic systems with Markovian switching and its applications. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 730-737	2.5	7
40	Study on Indefinite Stochastic Linear Quadratic Optimal Control with Inequality Constraint. <i>Journal of Applied Mathematics</i> , <b>2013</b> , 2013, 1-9	1.1	8
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37	Infinite horizon $H_2/H_\infty$ control for discrete-time time-varying Markov jump systems with multiplicative noise. <i>Automatica</i> , <b>2012</b> , 48, 1447-1454	5.7	47
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