

# Xiushan Jiang

## List of Publications by Year in descending order

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docs citations

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times ranked

159  
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 exponential stability of general nonlinear discrete-time stochastic systems. Science China Information Sciences, 2021, 64, 1.	4.3	6
3	Event-triggered fault detection for nonlinear discrete-time switched stochastic systems: a convex function method. Science China Information Sciences, 2021, 64, 1.	4.3	37
4	Pareto optimal strategy for linear stochastic systems with $H$ constraint in finite horizon. Information Sciences, 2020, 512, 1103-1117.	6.9	17
5	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
6	Stability and stabilization of nonlinear discrete-time stochastic systems. International Journal of Robust and Nonlinear Control, 2019, 29, 6419-6437.	3.7	16
7	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
8	Global stabilization for a class of stochastic nonlinear systems with SISO-like conditions and time delay. International Journal of Robust and Nonlinear Control, 2018, 28, 3909-3926.	3.7	39
9	Necessary and sufficient conditions for Pareto optimality of the stochastic systems in finite horizon. Automatica, 2018, 94, 341-348.	5.0	25
10	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
11	Weighted $H_\infty$ Performance Analysis of Nonlinear Stochastic Switched Systems with State Dependent Noise: A Mode-Dependent Average Dwell Time Method. , 2018, , .		1
12	Quadratic stabilizability and $H_\infty$ control of linear discrete-time stochastic uncertain systems. Asian Journal of Control, 2017, 19, 35-46.	3.0	24
13	Robust quadratic stability and stabilizability of uncertain linear discrete-time stochastic systems with state delay. , 2016, , .		0
14	Robust $H_\infty$ filtering with stability degree constraint of a class of nonlinear discrete time stochastic systems. , 2016, , .		0
15	Study on $H$ -Index of Stochastic Linear Continuous-Time Systems. Mathematical Problems in Engineering, 2015, 2015, 1-10.	1.1	1
16	A Nash game approach to stochastic $H_2/H_\infty$ control: Overview and further research topics. , 2015, , .		2
17	Exact observability canonical forms of stochastic time-invariant systems based on $\mathcal{H}_2$ -representation technique. , 2015, , .		0