Xikui Liu

List of Publications by Year
in descending order

21 papers	237 citations	1162367 8 h-index	996533 15 g-index
21 all docs	21 docs citations	21 times ranked	204 citing authors

#	Article	IF	Citations
1	Stochastic linear quadratic optimal control with constraint for discrete-time systems. Applied Mathematics and Computation, 2014, 228, 264-270.	1.4	76
2	Adaptive fuzzy tracking control for nonlinear strict-feedback systems with unmodeled dynamics via backstepping technique. Neurocomputing, 2017, 235, 182-191.	3.5	29
3	Direct Adaptive Fuzzy Backstepping Control for Stochastic Nonlinear SISO Systems with Unmodeled Dynamics. Asian Journal of Control, 2018, 20, 839-855.	1.9	19
4	Linear-quadratic optimal control for unknown mean-field stochastic discrete-time system via adaptive dynamic programming approach. Neurocomputing, 2018, 282, 16-24.	3.5	17
5	â„‹â^' index for continuous-time stochastic systems with Markov jump and multiplicative noise. Automatica, 2019, 105, 167-178.	3.0	15
6	Finite-time guaranteed cost control for uncertain mean-field stochastic systems. Journal of the Franklin Institute, 2020, 357, 2813-2829.	1.9	15
7	Infinite time linear quadratic stackelberg game problem for unknown stochastic discreteâ€time systems via adaptive dynamic programming approach. Asian Journal of Control, 2021, 23, 937-948.	1.9	11
8	Adaptive Fuzzy Control for Nonlinear Pure-feedback Systems with External Disturbance and Unknown Dead Zone Output. International Journal of Fuzzy Systems, 2017, 19, 1940-1949.	2.3	10
9	$${mathscr{H}}_-$$ H - Index for Nonlinear Stochastic Systems with State- and Input-Dependent Noises. International Journal of Fuzzy Systems, 2018, 20, 759-768.	2.3	7
10	Optimal control for unknown mean-field discrete-time system based on Q-Learning. International Journal of Systems Science, 2021, 52, 3335-3349.	3.7	7
11	Stackelberg games for model-free continuous-time stochastic systems based on adaptive dynamic programming. Applied Mathematics and Computation, 2019, 363, 124568.	1.4	6
12	Finite-Time Guaranteed Cost Control for Markovian Jump Systems with Time-Varying Delays. Mathematics, 2022, 10, 2028.	1.1	6
13	Infinite horizon indefinite stochastic linear quadratic control for discrete-time systems. Control Theory and Technology, 2015, 13, 230-237.	1.0	5
14	Pareto optimal control of the mean-field stochastic systems by adaptive dynamic programming algorithm. ISA Transactions, 2020, 102, 81-90.	3.1	3
15	A decision for 5Gâ€UAV to maximize the throughput of emergency indoorâ€outdoor communication. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4357.	2.6	3
16	Robust Finite-Time Stability for Uncertain Discrete-Time Stochastic Nonlinear Systems with Time-Varying Delay. Entropy, 2022, 24, 828.	1.1	3
17	Losslessness of Nonlinear Stochastic Discrete-Time Systems. Discrete Dynamics in Nature and Society, 2015, 2015, 1-8.	0.5	2
18	Study onH-Index of Stochastic Linear Continuous-Time Systems. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	1

#	Article	IF	Citations
19	Neural networks-based adaptive finite-time control of switched nonlinear systems under time-varying actuator failures. Advances in Difference Equations, 2019, 2019, .	3.5	1
20	Finite-time State and Output Feedback Guaranteed Cost Control of Discrete-time Stochastic Systems. , 2020, , .		1
21	Adaptive Fuzzy Control for Stochastic Pure-Feedback Nonlinear Systems with Unknown Hysteresis and External Disturbance. Complexity, 2018, 2018, 1-11.	0.9	0