Yingjie Deng

List of Publications by Year
in descending order

22 papers	539 citations	686830 13 h-index	794141 19 g-index
23 all docs	23 docs citations	23 times ranked	254 citing authors

#	Article	IF	Citations
1	Model-Based Event-Triggered Tracking Control of Underactuated Surface Vessels With Minimum Learning Parameters. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4001-4014.	7.2	76
2	Robust neural path-following control for underactuated ships with the DVS obstacles avoidance guidance. Ocean Engineering, 2017, 143, 198-208.	1.9	73
3	Event-triggered robust fuzzy path following control for underactuated ships with input saturation. Ocean Engineering, 2019, 186, 106122.	1.9	55
4	Novel DVS guidance and path-following control for underactuated ships in presence of multiple static and moving obstacles. Ocean Engineering, 2018, 170, 100-110.	1.9	52
5	Adaptive fuzzy tracking control for underactuated surface vessels with unmodeled dynamics and input saturation. ISA Transactions, 2020, 103, 52-62.	3.1	48
6	Event-Triggered Composite Adaptive Fuzzy Output-Feedback Control for Path Following of Autonomous Surface Vessels. IEEE Transactions on Fuzzy Systems, 2021, 29, 2701-2713.	6.5	38
7	Line-of-Sight-Based Guidance and Adaptive Neural Path-Following Control for Sailboats. IEEE Journal of Oceanic Engineering, 2020, 45, 1177-1189.	2.1	33
8	ESO-based path following control for underactuated vehicles with the safety prediction obstacle avoidance mechanism. Ocean Engineering, 2019, 188, 106259.	1.9	28
9	Parallel guidance and event-triggered robust fuzzy control for path following of autonomous wing-sailed catamaran. Ocean Engineering, 2019, 190, 106442.	1.9	23
10	Event-triggered composite adaptive fuzzy control of sailboat with heeling constraint. Ocean Engineering, 2020, 211, 107627.	1.9	22
11	Event-triggered output-feedback adaptive tracking control of autonomous underwater vehicles using reinforcement learning. Applied Ocean Research, 2021, 113, 102676.	1.8	21
12	Adaptive neural tracking control of strict-feedback nonlinear systems with event-triggered state measurement. ISA Transactions, 2021, 117, 28-39.	3.1	17
13	Event-triggered compound learning tracking control of autonomous surface vessels in the measurement network. Ocean Engineering, 2021, 228, 108817.	1.9	15
14	Robust neural output-feedback stabilization for stochastic nonlinear process with time-varying delay and unknown dead zone. Science China Information Sciences, 2017, 60, 1.	2.7	12
15	Double-channel event-triggered adaptive optimal control of active suspension systems. Nonlinear Dynamics, 2022, 108, 3435-3448.	2.7	7
16	Compound learning tracking control of a switched fully-submerged hydrofoil craft. Ocean Engineering, 2021, 219, 108260.	1.9	6
17	Event-triggered adaptive neural tracking control of nonstrict-feedback nonlinear systems with unknown measurement. Nonlinear Dynamics, 2022, 109, 863-875.	2.7	4
18	Double-channel event-triggered adaptive tracking control of nonstrict-feedback nonlinear systems. Journal of the Franklin Institute, 2022, 359, 7219-7232.	1.9	4

#	Article	IF	Citations
19	Event-triggered compound learning tracking control of nonstrict-feedback nonlinear systems in sensor-to-controller channel. Nonlinear Dynamics, 2021, 106, 2259-2276.	2.7	3
20	Self-triggered tracking control of underactuated surface vessels with stochastic noise. , 2021, , .		1
21	Active suspension control strategy of heavy rescue vehicle based on multi-sensor information fusion. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2023, 237, 1338-1352.	1.1	1
22	Design and investigation on an ultrasonic-excited piezoelectric gas jet pump. Journal of Intelligent Material Systems and Structures, 0, , 1045389X2211024.	1.4	0