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	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
2	Double-channel event-triggered adaptive optimal control of active suspension systems. Nonlinear Dynamics, 2022, 108, 3435-3448.	2.7	7
3	Event-triggered adaptive neural tracking control of nonstrict-feedback nonlinear systems with unknown measurement. Nonlinear Dynamics, 2022, 109, 863-875.	2.7	4
4	Double-channel event-triggered adaptive tracking control of nonstrict-feedback nonlinear systems. Journal of the Franklin Institute, 2022, 359, 7219-7232.	1.9	4
5	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
6	Compound learning tracking control of a switched fully-submerged hydrofoil craft. Ocean Engineering, 2021, 219, 108260.	1.9	6
7	Event-triggered compound learning tracking control of autonomous surface vessels in the measurement network. Ocean Engineering, 2021, 228, 108817.	1.9	15
8	Self-triggered tracking control of underactuated surface vessels with stochastic noise. , 2021, , .		1
9	Event-triggered output-feedback adaptive tracking control of autonomous underwater vehicles using reinforcement learning. Applied Ocean Research, 2021, 113, 102676.	1.8	21
10	Adaptive neural tracking control of strict-feedback nonlinear systems with event-triggered state measurement. ISA Transactions, 2021, 117, 28-39.	3.1	17
11	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
12	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
13	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
14	Event-triggered composite adaptive fuzzy control of sailboat with heeling constraint. Ocean Engineering, 2020, 211, 107627.	1.9	22
15	Adaptive fuzzy tracking control for underactuated surface vessels with unmodeled dynamics and input saturation. ISA Transactions, 2020, 103, 52-62.	3.1	48
16	ESO-based path following control for underactuated vehicles with the safety prediction obstacle avoidance mechanism. Ocean Engineering, 2019, 188, 106259.	1.9	28
17	Event-triggered robust fuzzy path following control for underactuated ships with input saturation. Ocean Engineering, 2019, 186, 106122.	1.9	55
18	Parallel guidance and event-triggered robust fuzzy control for path following of autonomous wing-sailed catamaran. Ocean Engineering, 2019, 190, 106442.	1.9	23

#	ARTICLE	IF	CITATIONS
19	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
20	Robust neural path-following control for underactuated ships with the DVS obstacles avoidance guidance. Ocean Engineering, 2017, 143, 198-208.	1.9	73
21	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
22	Design and investigation on an ultrasonic-excited piezoelectric gas jet pump. Journal of Intelligent Material Systems and Structures, 0, , 1045389X2211024.	1.4	0