

Yanyan Dai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8370537/publications.pdf>

Version: 2024-02-01

10
papers

178
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	A real-time HIL control system on rotary inverted pendulum hardware platform based on double deep Q-network. <i>Measurement and Control</i> , 2021, 54, 417-428.	1.8	9
2	Multiple Internet of Robotic Things robots based on LiDAR and camera sensors. <i>International Journal of Advanced Robotic Systems</i> , 2020, 17, 172988142091376.	2.1	3
3	Perception, Planning and Control for Self-Driving System Based on On-board Sensors. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402095649.	1.6	13
4	Variable formation control of multiple robots via VRc and formation switching to accommodate large heading changes by leader robot. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401985733.	1.6	2
5	Symmetric caging formation for convex polygonal object transportation by multiple mobile robots based on fuzzy sliding mode control. <i>ISA Transactions</i> , 2016, 60, 321-332.	5.7	31
6	A switching formation strategy for obstacle avoidance of a multi-robot system based on robot priority model. <i>ISA Transactions</i> , 2015, 56, 123-134.	5.7	46
7	Formation control of mobile robots with obstacle avoidance based on GOACM using onboard sensors. <i>International Journal of Control, Automation and Systems</i> , 2014, 12, 1077-1089.	2.7	19
8	Adaptive Formation Control and Collision Avoidance Using a Priority Strategy for Nonholonomic Mobile Robots. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 140.	2.1	8
9	The leader-follower formation control of nonholonomic mobile robots. <i>International Journal of Control, Automation and Systems</i> , 2012, 10, 350-361.	2.7	46
10	Leader-Follower Formation Control Based on Hybrid Formation Control Framework and Waypoint in Cone Method. , 2011, , .		1