

Yanyan Dai

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

178
citations

1307594

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1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

164
citing authors

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