Jin Cheng

List of Publications by Year
in descending order

21 papers	86 citations	2258059 3 h-index	2550090 3 g-index
21 all docs	21 docs citations	21 times ranked	74 citing authors

#	Article	IF	Citations
1	An Image Defogging Method Based on Depth CNN Network. , 2022, , .		0
2	Flocking Control of Mobile Robots with Obstacle Avoidance Based on Simulated Annealing Algorithm. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	6
3	Review on Flocking Control. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 313-319.	0.3	0
4	Research Status of SLAM. , 2019, , .		0
5	Flocking Control of Amigobots in Complex Environment with Obstacles. , 2019, , .		0
6	Adaptive cruise control via adaptive dynamic programming with experience replay. Soft Computing, 2019, 23, 4131-4144.	3.6	9
7	A Fast Corner Detection Method from Laser Readings. , 2018, , .		0
8	Path planning for mobile robots in complex environment via laser sensor. , 2018, , .		1
9	An Extracting Method of Corner Points from Laser Sensor Readings. , 2018, , .		1
10	Backward orientation tracking control of mobile robot with N trailers. International Journal of Control, Automation and Systems, 2017, 15, 867-874.	2.7	20
11	Inverse kinematics solution for six-DOF serial robots based on BP neural network. , 2017, , .		3
12	Flocking control of Amigobots with Newton's method. , 2017, , .		3
13	Construction method of line-segments based map from 2D laser sensor data for mobile robot. , 2017, , .		2
14	A general adaptive dynamic programming approach with experience replay. , 2016, , .		2
15	Inverse kinematics solution for 6R serial manipulator based on RBF neural network. , 2016, , .		6
16	Improving tightly-coupled model for indoor pedestrian navigation using foot-mounted IMU and UWB measurements. , 2016, , .		23
17	Kinematic analysis of the 6R serial robot based on double quaternions. , 2015, , .		0
18	Orientation tracking control of mobile robot with three trailers. , 2015, , .		2

#	Article	IF	Citations
19	Topological map building for mobile robots based on thining algorithm. , 2014, , .		1
20	A motion control approach to reverse a mobile robot with two off-axle hitching trailers. , 2014, , .		0
21	Motion planning algorithm for tractor-trailer mobile robot in unknown environment. , 2012, , .		7