

# Jin Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7361584/publications.pdf>

Version: 2024-02-01

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	Improving tightly-coupled model for indoor pedestrian navigation using foot-mounted IMU and UWB measurements. , 2016, , .		23
2	Backward orientation tracking control of mobile robot with N trailers. International Journal of Control, Automation and Systems, 2017, 15, 867-874.	2.7	20
3	Adaptive cruise control via adaptive dynamic programming with experience replay. Soft Computing, 2019, 23, 4131-4144.	3.6	9
4	Motion planning algorithm for tractor-trailer mobile robot in unknown environment. , 2012, , .		7
5	Inverse kinematics solution for 6R serial manipulator based on RBF neural network. , 2016, , .		6
6	Flocking Control of Mobile Robots with Obstacle Avoidance Based on Simulated Annealing Algorithm. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	6
7	Inverse kinematics solution for six-DOF serial robots based on BP neural network. , 2017, , .		3
8	Flocking control of Amigobots with Newton's method. , 2017, , .		3
9	Orientation tracking control of mobile robot with three trailers. , 2015, , .		2
10	A general adaptive dynamic programming approach with experience replay. , 2016, , .		2
11	Construction method of line-segments based map from 2D laser sensor data for mobile robot. , 2017, , .		2
12	Topological map building for mobile robots based on thinning algorithm. , 2014, , .		1
13	Path planning for mobile robots in complex environment via laser sensor. , 2018, , .		1
14	An Extracting Method of Corner Points from Laser Sensor Readings. , 2018, , .		1
15	A motion control approach to reverse a mobile robot with two off-axle hitching trailers. , 2014, , .		0
16	Kinematic analysis of the 6R serial robot based on double quaternions. , 2015, , .		0
17	A Fast Corner Detection Method from Laser Readings. , 2018, , .		0
18	Research Status of SLAM. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Flocking Control of Amigobots in Complex Environment with Obstacles. , 2019, , .		0
20	Review on Flocking Control. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 313-319.	0.3	0
21	An Image Defogging Method Based on Depth CNN Network. , 2022, , .		0