

Chao Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

315
citations

1307594

7
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinforcement based mobile robot path planning with improved dynamic window approach in unknown environment. Autonomous Robots, 2021, 45, 51-76.	4.8	101
2	Robot-Assisted Pedestrian Regulation Based on Deep Reinforcement Learning. IEEE Transactions on Cybernetics, 2020, 50, 1669-1682.	9.5	46
3	Human Mobility Modeling for Robot-Assisted Evacuation in Complex Indoor Environments. IEEE Transactions on Human-Machine Systems, 2016, 46, 694-707.	3.5	42
4	Learning Human-Robot Interaction for Robot-Assisted Pedestrian Flow Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 797-813.	9.3	30
5	Robot-assisted pedestrian regulation in an exit corridor. , 2016, , .		13
6	Robot-assisted smartphone localization for human indoor tracking. Robotics and Autonomous Systems, 2018, 106, 82-94.	5.1	12
7	Multi-robot formation control: a comparison between model-based and learning-based methods. Journal of Control and Decision, 2020, 7, 90-108.	1.6	12
8	Pedestrian-Robot Interaction Experiments in an Exit Corridor. , 2018, , .		11
9	Robot-assisted human indoor localization using the Kinect sensor and smartphones. , 2014, , .		9
10	Probabilistic human mobility model in indoor environment. , 2016, , .		7
11	Pedestrian Flow Optimization to Reduce the Risk of Crowd Disasters Through Human-Robot Interaction. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 298-311.	4.9	7
12	Robot-assisted pedestrian flow control of a controlled pedestrian corridor. International Journal of Advanced Robotic Systems, 2018, 15, 172988141881469.	2.1	6
13	Learning Decentralized Control Policies for Multi-Robot Formation. , 2019, , .		5
14	Design and calibration of a novel piezoelectric six-axis force/torque sensor. Proceedings of SPIE, 2011, , .	0.8	4
15	A Modified PSO Algorithm for Parameters Identification of the Double-Dispersion Cole Model. Journal of Circuits, Systems and Computers, 2018, 27, 1850210.	1.5	4
16	Distance-based Formation Control of a Three-Robot System. , 2019, , .		3
17	Multi-Robot Guided Policy Search for Learning Decentralized Swarm Control. , 2021, 5, 743-748.		2
18	Optimization of Merging Pedestrian Flows Based on Adaptive Dynamic Programming. , 2019, , .		1