Shlomi Hacohen

List of Publications by Year
in descending order

19 papers	172 citations	1478505 6 h-index	1199594 12 g-index
22 all docs	22 docs citations	22 times ranked	246 citing authors

#	Article	IF	Citations
1	Evaluating Indoor Positioning Systems in a Shopping Mall: The Lessons Learned From the IPIN 2018 Competition. IEEE Access, 2019, 7, 148594-148628.	4.2	60
2	Applying probability navigation function in dynamic uncertain environments. Robotics and Autonomous Systems, 2017, 87, 237-246.	5.1	24
3	Dynamic model for pedestrian crossing in congested traffic based on probabilistic navigation function. Transportation Research Part C: Emerging Technologies, 2018, 86, 78-96.	7.6	18
4	Probability Navigation Function for Stochastic Static Environments. International Journal of Control, Automation and Systems, 2019, 17, 2097-2113.	2.7	11
5	Robotic Swarm Motion Planning for Load Carrying and Manipulating. IEEE Access, 2020, 8, 53141-53150.	4.2	11
6	Improved GNSS Localization and Byzantine Detection in UAV Swarms. Sensors, 2020, 20, 7239.	3.8	9
7	Multi agents' multi targets mission under uncertainty using probability navigation function. , 2017, , .		7
8	The paradox of pedestrian's risk aversion. Accident Analysis and Prevention, 2020, 142, 105518.	5.7	6
9	GoIn—An accurate 3D indoor navigation framework based on light landmarks. Navigation, Journal of the Institute of Navigation, 2019, 66, 633-642.	2.8	4
10	Gait and Trajectory Optimization by Self-Learning for Quadrupedal Robots with an Active Back Joint. Journal of Robotics, 2020, 2020, 1-7.	0.9	4
11	GoIn - An Accurate 3D InDoor Navigation Framework for Mobile Devices. , 2018, , .		3
12	Autonomous Driving: A Survey of Technological Gaps Using Google Scholar and Web of Science Trend Analysis. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21241-21258.	8.0	3
13	Bearing Sensor for 3D Localization and Swarm Centroid Detection. IEEE Sensors Journal, 2021, , 1-1.	4.7	2
14	Overcoming Kinematic Singularities for Motion Control in a Caster Wheeled Omnidirectional Robot. Robotics, 2021, 10, 133.	3.5	2
15	Motion planning in dynamic uncertain environment using probability navigation function. , 2014, , .		1
16	Improved GNSS velocity estimation using sensor fusion. , 2016, , .		1
17	Detecting the Distribution of a Robotic Swarm in Uncertain Conditions. , 2019, , .		1
18	A Line Of Sight approach for Multi-agent SLAM. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	A short note on nested sums. Miskolc Mathematical Notes, 2018, 19, 591.	0.6	0