

Luigi Palmieri

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

926
citations

1478505

6
h-index

1720034

7
g-index

26
all docs

26
docs citations

26
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Occupancy Priors of Human Motion From Semantic Maps of Urban Environments. IEEE Robotics and Automation Letters, 2021, 6, 3248-3255.	5.1	5
2	Bench-MR: A Motion Planning Benchmark for Wheeled Mobile Robots. IEEE Robotics and Automation Letters, 2021, 6, 4536-4543.	5.1	23
3	Guest Editorial: Introduction to the Special Issue on Long-Term Human Motion Prediction. IEEE Robotics and Automation Letters, 2021, 6, 5613-5617.	5.1	1
4	Dispertio: Optimal Sampling For Safe Deterministic Motion Planning. IEEE Robotics and Automation Letters, 2020, 5, 362-368.	5.1	13
5	An NMPC Approach using Convex Inner Approximations for Online Motion Planning with Guaranteed Collision Avoidance. , 2020, , .		18
6	Human motion trajectory prediction: a survey. International Journal of Robotics Research, 2020, 39, 895-935.	8.5	381
7	Modelling Motion Patterns with Circular-Linear Flow Field Maps. Cognitive Systems Monographs, 2020, , 65-113.	0.1	0
8	Maps of Dynamics. Cognitive Systems Monographs, 2020, , 15-32.	0.1	0
9	Motion Planning Using MoDs. Cognitive Systems Monographs, 2020, , 115-141.	0.1	0
10	CIAO: MPC-based Safe Motion Planning in Predictable Dynamic Environments. IFAC-PapersOnLine, 2020, 53, 6555-6562.	0.9	13
11	Informed Information Theoretic Model Predictive Control. , 2019, , .		7
12	Down the CLiFF: Flow-Aware Trajectory Planning Under Motion Pattern Uncertainty. , 2018, , .		10
13	Human Motion Prediction Under Social Grouping Constraints. , 2018, , .		18
14	Gradient-Informed Path Smoothing for Wheeled Mobile Robots. , 2018, , .		24
15	Joint Long-Term Prediction of Human Motion Using a Planning-Based Social Force Approach. , 2018, , .		35
16	Kinodynamic motion planning on Gaussian mixture fields. , 2017, , .		25
17	A Fast Random Walk Approach to Find Diverse Paths for Robot Navigation. IEEE Robotics and Automation Letters, 2017, 2, 269-276.	5.1	13
18	Hybrid curvature steer: A novel extend function for sampling-based nonholonomic motion planning in tight environments. , 2017, , .		25

#	ARTICLE	IF	CITATIONS
19	RRT-based nonholonomic motion planning using any-angle path biasing. , 2016, , .		79
20	SPENCER: A Socially Aware Service Robot for Passenger Guidance and Help in Busy Airports. Springer Tracts in Advanced Robotics, 2016, , 607-622.	0.4	157
21	Distance metric learning for RRT-based motion planning with constant-time inference. , 2015, , .		30
22	A novel RRT extend function for efficient and smooth mobile robot motion planning. , 2014, , .		47
23	Wifi-based passive bistatic radar by using moving target indicator and least square adaptive filtering. , 2013, , .		2