

Sanjiban Choudhury

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8503966/publications.pdf>

Version: 2024-02-01

19
papers

348
citations

2258059

3
h-index

2272923

4
g-index

19
all docs

19
docs citations

19
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous aerial cinematography in unstructured environments with learned artistic decision-making. Journal of Field Robotics, 2020, 37, 606-641.	6.0	57
2	Regionally accelerated batch informed trees (RABIT*): A framework to integrate local information into optimal path planning. , 2016, , .		54
3	Towards a Robust Aerial Cinematography Platform: Localizing and Tracking Moving Targets in Unstructured Environments. , 2019, , .		51
4	Autonomous Exploration and Motion Planning for an Unmanned Aerial Vehicle Navigating Rivers. Journal of Field Robotics, 2015, 32, 1141-1162.	6.0	46
5	Sparse Tangential Network (SPARTAN): Motion planning for micro aerial vehicles. , 2013, , .		39
6	RRT*-AR: Sampling-based alternate routes planning with applications to autonomous emergency landing of a helicopter. , 2013, , .		27
7	Learning to gather information via imitation. , 2017, , .		11
8	A framework for optimal repairing of vector field-based motion plans. , 2016, , .		10
9	Expert Intervention Learning. Autonomous Robots, 2022, 46, 99-113.	4.8	10
10	A $\hat{\pi}$ ITE in the wind: Smooth trajectory optimization in a moving reference frame. , 2017, , .		9
11	ICS: Incremental Constrained Smoothing for State Estimation. , 2020, , .		9
12	The planner ensemble: Motion planning by executing diverse algorithms. , 2015, , .		6
13	Bayesian Active Edge Evaluation on Expensive Graphs. , 2018, , .		6
14	The Dynamics Projection Filter (DPF) - real-time nonlinear trajectory optimization using projection operators. , 2015, , .		4
15	List prediction applied to motion planning. , 2016, , .		4
16	High performance and safe flight of full-scale helicopters from takeoff to landing with an ensemble of planners. Journal of Field Robotics, 2019, 36, 1275-1332.	6.0	3
17	Densification strategies for anytime motion planning over large dense roadmaps. , 2017, , .		2
18	Bayesian Residual Policy Optimization: : Scalable Bayesian Reinforcement Learning with Clairvoyant Experts. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Human-Scale Mobile Manipulation Using RoMan. , 2022, 2, 1232-1262.		0