Raghvendra V Cowlagi

List of Publications by Year
in descending order

12	148	1478505	1588992
papers	citations	6	8
		h-index	g-index

12	12	12	126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical Motion Planning With Dynamical Feasibility Guarantees for Mobile Robotic Vehicles. IEEE Transactions on Robotics, 2012, 28, 379-395.	10.3	65
2	Multiresolution Motion Planning for Autonomous Agents via Wavelet-Based Cell Decompositions. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1455-1469.	5.0	24
3	Curvature-Bounded Traversability Analysis in Motion Planning for Mobile Robots. IEEE Transactions on Robotics, 2014, 30, 1011-1019.	10.3	18
4	Randomized sampling-based trajectory optimization for UAVs to satisfy linear temporal logic specifications. Aerospace Science and Technology, 2020, 96, 105591.	4.8	14
5	Coordinability and consistency: Application of systems theory to accident causation and prevention. Journal of Loss Prevention in the Process Industries, 2015, 33, 200-212.	3.3	7
6	Interactive planning and sensing in unknown static environments with task-driven sensor placement. Automatica, 2019, 105, 391-398.	5.0	7
7	Hierarchical trajectory optimization for a class of hybrid dynamical systems. Automatica, 2017, 77, 112-119.	5.0	5
8	Multiresolution path-planning with traversal costs based on time-varying spatial fields. , 2014, , .		3
9	Path-planning with waiting in spatiotemporally-varying threat fields. PLoS ONE, 2018, 13, e0202145.	2.5	3
10	Decentralized Interactive Planning and Sensing in an Unknown Spatiotemporal Threat Field. , 2019, , .		1
11	Interactive Planning and Sensing in Spatiotemporally Varying Uncertain Environments. , 2019, , .		1
12	Interactive Planning and Sensing in Uncertain Environments with Task-Driven Sensor Placement. , 2018, , .		0