

# Raghvendra V Cowlagi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6876548/publications.pdf>

Version: 2024-02-01

12  
papers

148  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

126  
citing authors

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