

Yonghoon Cho

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

223
citations

1478505

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1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous collision detection and avoidance for ARAGON USV: Development and field tests. Journal of Field Robotics, 2020, 37, 987-1002.	6.0	64
2	Efficient COLREG-Compliant Collision Avoidance in Multi-Ship Encounter Situations. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1899-1911.	8.0	48
3	Coastal SLAM With Marine Radar for USV Operation in GPS-Restricted Situations. IEEE Journal of Oceanic Engineering, 2019, 44, 300-309.	3.8	43
4	Experimental validation of a velocity obstacle based collision avoidance algorithm for unmanned surface vehicles. IFAC-PapersOnLine, 2019, 52, 329-334.	0.9	21
5	Intent inference of ship maneuvering for automatic ship collision avoidance. IFAC-PapersOnLine, 2018, 51, 384-388.	0.9	15
6	Intent Inference of Ship Collision Avoidance Behavior Under Maritime Traffic Rules. IEEE Access, 2021, 9, 5598-5608.	4.2	10
7	Collision probability assessment between surface ships considering maneuver intentions. , 2017, , .		6
8	Intent Inference-Based Ship Collision Avoidance in Encounters With Rule-Violating Vessels. IEEE Robotics and Automation Letters, 2022, 7, 518-525.	5.1	6
9	Behavior-based Control Considering the Interaction Between a Human Operator and an Autonomous Surface Vehicle. Journal of Ocean Engineering and Technology, 2019, 33, 620-626.	1.2	5
10	Autonomous collision avoidance for unmanned surface ships using onboard monocular vision. , 2015, , .		2
11	Vehicle Localization in Urban Environment Using a 2D Online Map with Building Outlines. , 2018, , .		2
12	Automatic Ship Collision Avoidance in Narrow Channels through Curvilinear Coordinate Transformation. Journal of the Society of Naval Architects of Korea, 2021, 58, 191-197.	0.5	1
13	Planar SLAM under a semi-submersible offshore platform with an unmanned surface vehicle. , 2015, , .		0