

Yogang Singh

List of Publications by Year in descending order

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22
papers

449
citations

1477746

6
h-index

1473754

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23
all docs

23
docs citations

23
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	A constrained A* approach towards optimal path planning for an unmanned surface vehicle in a maritime environment containing dynamic obstacles and ocean currents. Ocean Engineering, 2018, 169, 187-201.	1.9	188
2	CFD approach to modelling, hydrodynamic analysis and motion characteristics of a laboratory underwater glider with experimental results. Journal of Ocean Engineering and Science, 2017, 2, 90-119.	1.7	69
3	A Novel Double Layered Hybrid Multi-Robot Framework for Guidance and Navigation of Unmanned Surface Vehicles in a Practical Maritime Environment. Journal of Marine Science and Engineering, 2020, 8, 624.	1.2	39
4	A Two Layered Optimal Approach towards Cooperative Motion Planning of Unmanned Surface Vehicles in a Constrained Maritime Environment. IFAC-PapersOnLine, 2018, 51, 378-383.	0.5	28
5	Towards use of Dijkstra Algorithm for Optimal Navigation of an Unmanned Surface Vehicle in a Real-Time Marine Environment with results from Artificial Potential Field. TransNav, 2018, 12, 125-131.	0.3	25
6	Feasibility study of a constrained Dijkstra approach for optimal path planning of an unmanned surface vehicle in a dynamic maritime environment. , 2018, , .		24
7	Maneuvering Ability-Based Weighted Potential Field Framework for Multi-USV Navigation, Guidance, and Control. Marine Technology Society Journal, 2020, 54, 40-58.	0.3	19
8	Optimal Path Planning of an Unmanned Surface Vehicle in a Real-Time Marine Environment using a Dijkstra Algorithm. , 2017, , .		8
9	CFD approach to steady state analysis of an underwater glider. , 2014, , .		7
10	Development of an Unmanned Surface Vehicle for Remote Sediment Sampling with a Van Veen Grab Sampler. , 2019, , .		7
11	Adaptive Integral Sliding Mode Based Course Keeping Control of Unmanned Surface Vehicle. Journal of Marine Science and Engineering, 2022, 10, 68.	1.2	7
12	A Novel Double Layered Weighted Potential Field Framework for Multi-USV Navigation towards Dynamic Obstacle Avoidance in a Constrained Maritime Environment. , 2019, , .		6
13	Decoupled Hydrodynamic Models and Their Outdoor Identification for an Unmanned Inland Cargo Vessel with Embedded Fully Rotatable Thrusters. Journal of Marine Science and Engineering, 2020, 8, 889.	1.2	5
14	Image Processing and Model-Based Spill Coverage Path Planning for Unmanned Surface Vehicles. , 2019, , .		4
15	Aggregate Planning for Multi-product Assembly Lines with Reconfigurable Cells. IFIP Advances in Information and Communication Technology, 2021, , 525-534.	0.5	4
16	Advanced feature extraction and dimensionality reduction for unmanned underwater vehicle fault diagnosis. , 2016, , .		2
17	Efficient optimal path planning of unmanned surface vehicles. , 2019, , 31-60.		2
18	Development of a Pilot Smart Irrigation System for Peruvian Highlands. Journal of Contemporary Water Research and Education, 2020, 171, 49-62.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Modelling and control of an underwater laboratory glider. , 2015, , .		1
20	Range extension for electromagnetic detection of subsea power and telecommunication cables. Journal of Marine Engineering and Technology, 2022, 21, 65-72.	1.9	1
21	Numerical study of a twin sphere pressure hull and outer fairing for manned submersible. , 2015, , .		0
22	An Integrated Single-Item Lot-Sizing Problem in a Two-Stage Industrial Symbiosis Supply Chain with Stochastic Demands. IFIP Advances in Information and Communication Technology, 2021, , 683-693.	0.5	0