

Binghua Shi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9321433/publications.pdf>

Version: 2024-02-01

10
papers

133
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved integral light-of-sight guidance law for path following of unmanned surface vehicles. <i>Ocean Engineering</i> , 2020, 205, 107302.	4.3	37
2	Study on intelligent collision avoidance and recovery path planning system for the waterjet-propelled unmanned surface vehicle. <i>Ocean Engineering</i> , 2019, 182, 489-498.	4.3	26
3	Global fast terminal sliding mode control based on radial basis function neural network for course keeping of unmanned surface vehicle. <i>International Journal of Advanced Robotic Systems</i> , 2019, 16, 172988141982996.	2.1	13
4	Neural adaptive sliding mode controller for unmanned surface vehicle steering system. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401879552.	1.6	12
5	Obstacles modeling method in cluttered environments using satellite images and its application to path planning for USV. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2019, 11, 202-210.	2.3	11
6	Research on Trajectory Reconstruction Method Using Automatic Identification System Data for Unmanned Surface Vessel. <i>IEEE Access</i> , 2019, 7, 170374-170384.	4.2	11
7	A multi-subpopulation bacterial foraging optimisation algorithm with deletion and immigration strategies for unmanned surface vehicle path planning. <i>Intelligent Service Robotics</i> , 2021, 14, 303-312.	2.6	9
8	Obstacle type recognition in visual images via dilated convolutional neural network for unmanned surface vehicles. <i>Journal of Navigation</i> , 2022, 75, 437-454.	1.7	5
9	A twinning bare bones particle swarm optimization algorithm. <i>PLoS ONE</i> , 2022, 17, e0267197.	2.5	5
10	Research on the visual image-based complexity perception method of autonomous navigation scenes for unmanned surface vehicles. <i>Scientific Reports</i> , 2022, 12, .	3.3	4