

Design of controller for mobile robot in welding process

Journal of Computational Design and Engineering
1, 243-255

DOI: [10.7315/jcde.2014.024](https://doi.org/10.7315/jcde.2014.024)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Machines and control systems for friction stir welding: A review. <i>Materials and Design</i> , 2016, 90, 256-265.	7.0	87
2	Weldability and Impact Energy Properties of High-Hardness Armor Steel. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 1281-1295.	2.5	10
4	Towards Automated Welding in Big Shipbuilding Assisted by Programed Robotic Arm Using a Measuring Arm. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 53-63.	0.6	0
5	Kinematics Modeling and Simulation of GantryShip Welding Manipulator with Hybrid Structure. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 466, 012117.	0.6	0
6	A study on the optimal route design considering time of mobile robot using recurrent neural network and reinforcement learning. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 4933-4939.	1.5	8
7	A magnetic climbing robot to perform autonomous welding in the shipbuilding industry. <i>Robotics and Computer-Integrated Manufacturing</i> , 2018, 53, 178-186.	9.9	71
8	Light-Weight Topological Optimization for Upper Arm of an Industrial Welding Robot. <i>Metals</i> , 2019, 9, 1020.	2.3	21
9	Friction Stir Welding for Marine Applications: Mechanical Behaviour and Microstructural Characteristics of Al-Mg-Si-Cu Plates. <i>Transactions on Maritime Science</i> , 2019, 8, 75-83.	0.6	2
10	Optimal joint motion for complicated welding geometry by a redundant robotic system. <i>Engineering Optimization</i> , 2020, 52, 875-895.	2.6	8
11	Two-Stage Efficiency Structure Analysis Model of Shipbuilding Based on Driving Factors: The Case of Chinese Shipyard. <i>Open Journal of Social Sciences</i> , 2020, 08, 182-200.	0.3	6
12	Residual vibration suppression of a tomatoes' string picking robot: A cascade design method. , 2016, , .		1