

Nathan Larkin

List of Publications by Year in descending order

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13
papers

987
citations

1163117

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h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Programming for Robotic Welding. Transactions on Intelligent Welding Manufacturing, 2018, , 48-59.	0.3	12
2	Adaptive Partial Shortcuts: Path Optimization for Industrial Robotics. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 86, 35-47.	3.4	9
3	Automatic Weld Path Generation for Mesh Objects. , 2017, , .		2
4	Automatic program generation for welding robots from CAD. , 2016, , .		13
5	Recent progress on sampling based dynamic motion planning algorithms. , 2016, , .		25
6	Adaptive path planning for wire-feed additive manufacturing using medial axis transformation. Journal of Cleaner Production, 2016, 133, 942-952.	9.3	113
7	Towards an automated robotic arc-welding-based additive manufacturing system from CAD to finished part. CAD Computer Aided Design, 2016, 73, 66-75.	2.7	138
8	Bead modelling and implementation of adaptive MAT path in wire and arc additive manufacturing. Robotics and Computer-Integrated Manufacturing, 2016, 39, 32-42.	9.9	174
9	Automatic multi-direction slicing algorithms for wire based additive manufacturing. Robotics and Computer-Integrated Manufacturing, 2016, 37, 139-150.	9.9	127
10	Path planning for industrial robots; Lazy Significant Edge Algorithm (LSEA). , 2013, , .		2
11	Path Planning with a Lazy Significant Edge Algorithm (LSEA). International Journal of Advanced Robotic Systems, 2013, 10, 198.	2.1	6
12	Recent progress on programming methods for industrial robots. Robotics and Computer-Integrated Manufacturing, 2012, 28, 87-94.	9.9	350
13	Automated Offline Programming for Robotic Welding System with High Degree of Freedoms. Lecture Notes in Electrical Engineering, 2011, , 685-692.	0.4	16