

Ali Ahmad Malik

List of Publications by Year in descending order

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12
papers

881
citations

759055

12
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconfiguring and ramping-up ventilator production in the face of COVID-19: Can robots help?. Journal of Manufacturing Systems, 2021, 60, 864-875.	7.6	51
2	Digital twins for collaborative robots: A case study in human-robot interaction. Robotics and Computer-Integrated Manufacturing, 2021, 68, 102092.	6.1	124
3	Virtual reality in manufacturing: immersive and collaborative artificial-reality in design of human-robot workspace. International Journal of Computer Integrated Manufacturing, 2020, 33, 22-37.	2.9	98
4	Repurposing factories with robotics in the face of COVID-19. Science Robotics, 2020, 5, .	9.9	44
5	Complexity-based task allocation in human-robot collaborative assembly. Industrial Robot, 2019, 46, 471-480.	1.2	95
6	Collaborative robots in assembly: A practical approach for tasks distribution. Procedia CIRP, 2019, 81, 665-670.	1.0	37
7	Developing a reference model for human-robot interaction. International Journal on Interactive Design and Manufacturing, 2019, 13, 1541-1547.	1.3	40
8	Digital twin driven human-robot collaborative assembly. CIRP Annals - Manufacturing Technology, 2019, 68, 499-502.	1.7	213
9	Advances in machine vision for flexible feeding of assembly parts. Procedia Manufacturing, 2019, 38, 1228-1235.	1.9	19
10	Digital twins of human robot collaboration in a production setting. Procedia Manufacturing, 2018, 17, 278-285.	1.9	117
11	Framework to Implement Collaborative Robots In Manual Assembly: A Lean Automation Approach. Annals of DAAAM & Proceedings, 2017, , 1151-1160.	0.1	29
12	Generic Challenges and Automation Solutions in Manufacturing SMEs. Annals of DAAAM & Proceedings, 2017, , 1161-1169.	0.1	14