

# Ali Ahmad Malik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1048771/publications.pdf>

Version: 2024-02-01

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  | Digital twin driven human-robot collaborative assembly. CIRP Annals - Manufacturing Technology, 2019, 68, 499-502.  | 1.7 | 213       |
| 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  | Digital twins of human robot collaboration in a production setting. Procedia Manufacturing, 2018, 17, 278-285.  | 1.9 | 117       |
| 4  | 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        |
| 5  | Complexity-based task allocation in human-robot collaborative assembly. Industrial Robot, 2019, 46, 471-480.  | 1.2 | 95        |
| 6  | 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        |
| 7  | Repurposing factories with robotics in the face of COVID-19. Science Robotics, 2020, 5, .   | 9.9 | 44        |
| 8  | Developing a reference model for human-robot interaction. International Journal on Interactive Design and Manufacturing, 2019, 13, 1541-1547.   | 1.3 | 40        |
| 9  | Collaborative robots in assembly: A practical approach for tasks distribution. Procedia CIRP, 2019, 81, 665-670.  | 1.0 | 37        |
| 10 | Framework to Implement Collaborative Robots In Manual Assembly: A Lean Automation Approach. Annals of DAAAM & Proceedings, 2017, , 1151-1160.   | 0.1 | 29        |
| 11 | Advances in machine vision for flexible feeding of assembly parts. Procedia Manufacturing, 2019, 38, 1228-1235.   | 1.9 | 19        |
| 12 | Generic Challenges and Automation Solutions in Manufacturing SMEs. Annals of DAAAM & Proceedings, 2017, , 1161-1169.  | 0.1 | 14        |