

# Alessandro Greco

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5199031/publications.pdf>

Version: 2024-02-01

24  
papers

311  
citations

933447

10  
h-index

888059

17  
g-index

26  
all docs

26  
docs citations

26  
times ranked

255  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | On the Geometrical Complexity Index as a Driver for Selecting the Production Technology. Lecture Notes in Mechanical Engineering, 2022, , 3-12.   | 0.4 | 1         |
| 2  | Rapid evaluation of notch stress intensity factors using the peak stress method with 3D tetrahedral finite element models: Comparison of commercial codes. Fatigue and Fracture of Engineering Materials and Structures, 2022, 45, 1005-1034. | 3.4 | 16        |
| 3  | Numerical evaluation of temperature fields and residual stresses in butt weld joints and comparison with experimental measurements. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 182-198.                          | 3.4 | 7         |
| 4  | Assessing Risks Awareness in Operating Rooms among Post-Graduate Students: A Pilot Study. Sustainability, 2021, 13, 3860.   | 3.2 | 2         |
| 5  | Investigation on Geometrical Complexity Techniques for Assessing AM Feasibility. Macromolecular Symposia, 2021, 396, 2000309.   | 0.7 | 3         |
| 6  | FEM Simulation and Experimental Tests on the SMAW Welding of a Dissimilar T-Joint. Metals, 2021, 11, 1016.  | 2.3 | 18        |
| 7  | Combining Integrated Informative System and Historical Digital Twin for Maintenance and Preservation of Artistic Assets. Sensors, 2021, 21, 5956.   | 3.8 | 27        |
| 8  | Towards Digital Twin Implementation for Assessing Production Line Performance and Balancing. Sensors, 2020, 20, 97.   | 3.8 | 49        |
| 9  | Digital Twin for Monitoring Ergonomics during Manufacturing Production. Applied Sciences (Switzerland), 2020, 10, 7758.   | 2.5 | 47        |
| 10 | Human-Robot Interaction for Improving Fuselage Assembly Tasks: A Case Study. Applied Sciences (Switzerland), 2020, 10, 5757.  | 2.5 | 16        |
| 11 | Probabilistic Analysis of Fatigue Behavior of Single Lap Riveted Joints. Applied Sciences (Switzerland), 2020, 10, 3379.  | 2.5 | 15        |
| 12 | Composite Parts Assembly Operational Improvements. Macromolecular Symposia, 2020, 389, 1900098.   | 0.7 | 5         |
| 13 | Simulation Techniques for Production Lines Performance Control. Procedia Manufacturing, 2020, 42, 91-96.  | 1.9 | 6         |
| 14 | Integrated wearable devices for evaluating the biomechanical overload in manufacturing. , 2019, , .   |     | 5         |
| 15 | Line Balancing Assessment Enhanced by IoT and Simulation Tools. , 2019, , .   |     | 4         |
| 16 | Numerical investigation on the residual stresses in welded T-joints made of dissimilar materials. Procedia Structural Integrity, 2019, 24, 800-809.   | 0.8 | 3         |
| 17 | Work-related upper limb disorders and risk assessment among automobile manufacturing workers: A retrospective cohort analysis. Work, 2019, 64, 755-761.   | 1.1 | 7         |
| 18 | IMU-Based Motion Capture Wearable System for Ergonomic Assessment in Industrial Environment. Advances in Intelligent Systems and Computing, 2019, , 215-225.  | 0.6 | 13        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Simulation Techniques for Ergonomic Performance Evaluation of Manual Workplaces During Preliminary Design Phase. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 170-180.                                  | 0.6 | 6         |
| 20 | Biomechanical Load Evaluation by Means of Wearable Devices in Industrial Environments: An Inertial Motion Capture System and sEMG Based Protocol. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 233-242. | 0.6 | 2         |
| 21 | Human Posture Tracking System for Industrial Process Design and Assessment. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 450-455.   | 0.6 | 11        |
| 22 | A Preventive Ergonomic Approach Based on Virtual and Immersive Reality. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 3-15.  | 0.6 | 25        |
| 23 | FE Simulation of a SHM System for a Large Radio-Telescope. <i>International Review on Modelling and Simulations</i> , 2018, 11, 5.  | 0.3 | 9         |
| 24 | Robotic Simulation Technique for Validating a Working Process on Composite Components: A Case Study. <i>Materials Science Forum</i> , 0, 957, 340-347.  | 0.3 | 4         |