

Alessandro Greco

List of Publications by Year in descending order

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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	Towards Digital Twin Implementation for Assessing Production Line Performance and Balancing. Sensors, 2020, 20, 97.	3.8	49
2	Digital Twin for Monitoring Ergonomics during Manufacturing Production. Applied Sciences (Switzerland), 2020, 10, 7758.	2.5	47
3	Combining Integrated Informative System and Historical Digital Twin for Maintenance and Preservation of Artistic Assets. Sensors, 2021, 21, 5956.	3.8	27
4	A Preventive Ergonomic Approach Based on Virtual and Immersive Reality. Advances in Intelligent Systems and Computing, 2018, , 3-15.	0.6	25
5	FEM Simulation and Experimental Tests on the SMAW Welding of a Dissimilar T-Joint. Metals, 2021, 11, 1016.	2.3	18
6	Human-Robot Interaction for Improving Fuselage Assembly Tasks: A Case Study. Applied Sciences (Switzerland), 2020, 10, 5757.	2.5	16
7	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
8	Probabilistic Analysis of Fatigue Behavior of Single Lap Riveted Joints. Applied Sciences (Switzerland), 2020, 10, 3379.	2.5	15
9	IMU-Based Motion Capture Wearable System for Ergonomic Assessment in Industrial Environment. Advances in Intelligent Systems and Computing, 2019, , 215-225.	0.6	13
10	Human Posture Tracking System for Industrial Process Design and Assessment. Advances in Intelligent Systems and Computing, 2018, , 450-455.	0.6	11
11	FE Simulation of a SHM System for a Large Radio-Telescope. International Review on Modelling and Simulations, 2018, 11, 5.	0.3	9
12	Work-related upper limb disorders and risk assessment among automobile manufacturing workers: A retrospective cohort analysis. Work, 2019, 64, 755-761.	1.1	7
13	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
14	Simulation Techniques for Production Lines Performance Control. Procedia Manufacturing, 2020, 42, 91-96.	1.9	6
15	Simulation Techniques for Ergonomic Performance Evaluation of Manual Workplaces During Preliminary Design Phase. Advances in Intelligent Systems and Computing, 2019, , 170-180.	0.6	6
16	Integrated wearable devices for evaluating the biomechanical overload in manufacturing. , 2019, , .		5
17	Composite Parts Assembly Operational Improvements. Macromolecular Symposia, 2020, 389, 1900098.	0.7	5
18	Line Balancing Assessment Enhanced by IoT and Simulation Tools. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	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
20	Numerical investigation on the residual stresses in welded T-joints made of dissimilar materials. <i>Procedia Structural Integrity</i> , 2019, 24, 800-809.	0.8	3
21	Investigation on Geometrical Complexity Techniques for Assessing AM Feasibility. <i>Macromolecular Symposia</i> , 2021, 396, 2000309.	0.7	3
22	Assessing Risks Awareness in Operating Rooms among Post-Graduate Students: A Pilot Study. <i>Sustainability</i> , 2021, 13, 3860.	3.2	2
23	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
24	On the Geometrical Complexity Index as a Driver for Selecting the Production Technology. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 3-12.	0.4	1