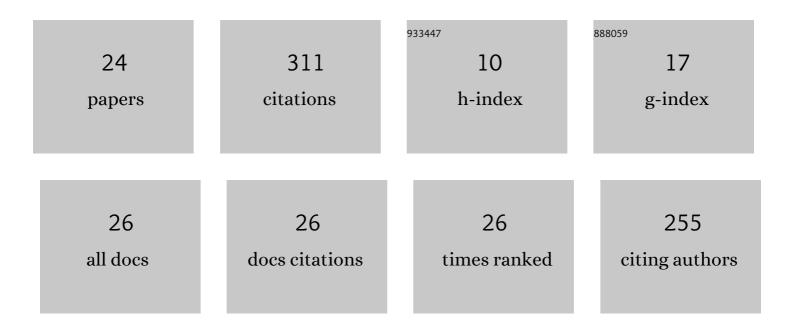
Alessandro Greco

List of Publications by Year in descending order

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#	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 forÂAssessing 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. Advances in Intelligent Systems and Computing, 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. Advances in Intelligent Systems and Computing, 2019, , 233-242.	0.6	2
21	Human Posture Tracking System for Industrial Process Design and Assessment. Advances in Intelligent Systems and Computing, 2018, , 450-455.	0.6	11
22	A Preventive Ergonomic Approach Based on Virtual and Immersive Reality. Advances in Intelligent Systems and Computing, 2018, , 3-15.	0.6	25
23	FE Simulation of a SHM System for a Large Radio-Telescope. International Review on Modelling and Simulations, 2018, 11, 5.	0.3	9
24	Robotic Simulation Technique for Validating a Working Process on Composite Components: A Case Study. Materials Science Forum, 0, 957, 340-347.	0.3	4