

Mario Caterino

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

252
citations

1307594

7
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Technology selection in green supply chains - the effects of additive and traditional manufacturing. Journal of Cleaner Production, 2021, 282, 124554.	9.3	52
2	Towards Digital Twin Implementation for Assessing Production Line Performance and Balancing. Sensors, 2020, 20, 97.	3.8	49
3	Digital Twin for Monitoring Ergonomics during Manufacturing Production. Applied Sciences (Switzerland), 2020, 10, 7758.	2.5	47
4	The impact of Additive Manufacturing on Supply Chain design: a simulation study. Procedia Computer Science, 2021, 180, 446-455.	2.0	18
5	Human-Robot Interaction for Improving Fuselage Assembly Tasks: A Case Study. Applied Sciences (Switzerland), 2020, 10, 5757.	2.5	16
6	Digital ergonomics: an evaluation framework for the ergonomic risk assessment of heterogeneous workers. International Journal of Computer Integrated Manufacturing, 2023, 36, 239-259.	4.6	11
7	An Improved Vantage Point Bees Algorithm to Solve Combinatorial Optimization Problems from TSPLIB. Macromolecular Symposia, 2021, 396, 2000299.	0.7	9
8	Maintenance Digital Twin using vibration data. Procedia Computer Science, 2022, 200, 546-555.	2.0	7
9	Economic and Environmental Sustainability for Aircrafts Service Life. Sustainability, 2020, 12, 10120.	3.2	6
10	Simulation Techniques for Production Lines Performance Control. Procedia Manufacturing, 2020, 42, 91-96.	1.9	6
11	Composite Parts Assembly Operational Improvements. Macromolecular Symposia, 2020, 389, 1900098.	0.7	5
12	Additive manufacturing and supply chain configuration: Modelling and performance evaluation. Journal of Industrial Engineering and Management, 2022, 15, 103.	1.5	5
13	Line Balancing Assessment Enhanced by IoT and Simulation Tools. , 2019, , .		4
14	Robotic Simulation Technique for Validating a Working Process on Composite Components: A Case Study. Materials Science Forum, 0, 957, 340-347.	0.3	4
15	Workers' Aging Management-Human Fatigue at Work: An Experimental Offices Study. Applied Sciences (Switzerland), 2020, 10, 7693.	2.5	3
16	Aircraft Maintenance: Structural Health Monitoring Influence on Costs and Practices. Macromolecular Symposia, 2021, 396, 2000302.	0.7	3
17	Combinatorial Bees Algorithm for Vehicle Routing Problem. Macromolecular Symposia, 2021, 396, 2000284.	0.7	2
18	Ergonomic Assessment Methods Enhanced by IoT and Simulation Tools. Macromolecular Symposia, 2021, 396, 2000310.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Human Fatigue Evaluation During Smart Working Sessions. Macromolecular Symposia, 2021, 396, 2000311.	0.7	2
20	The 1-D bin packing problem optimisation using bees algorithm. Journal Industrial Servicess, 2022, 7, 323.	0.0	1