Lucia Botti

List of Publications by Year in descending order

30 papers	477 citations	687363 13 h-index	713466 21 g-index
31 all docs	31 docs citations	31 times ranked	456 citing authors

#	Article	IF	Citations
1	Integrating ergonomics and lean manufacturing principles in a hybrid assembly line. Computers and Industrial Engineering, 2017, 111, 481-491.	6.3	81
2	Bi-objective design of fresh food supply chain networks with reusable and disposable packaging containers. Journal of Cleaner Production, 2018, 184, 375-388.	9.3	81
3	An integrated holistic approach to health and safety in confined spaces. Journal of Loss Prevention in the Process Industries, 2018, 55, 25-35.	3.3	30
4	Ergonomics and human factors in waste collection: analysis and suggestions for the door-to-door method. IFAC-PapersOnLine, 2018, 51, 838-843.	0.9	25
5	Door-to-door waste collection: Analysis and recommendations for improving ergonomics in an Italian case study. Waste Management, 2020, 109, 149-160.	7.4	25
6	A support-design framework for Cooperative Robots systems in labor-intensive manufacturing processes. Journal of Manufacturing Systems, 2021, 61, 646-657.	13.9	25
7	Automated entry technologies for confined space work activities: A survey. Journal of Occupational and Environmental Hygiene, 2017, 14, 271-284.	1.0	24
8	Unsupervised Fault Detection and Prediction of Remaining Useful Life for Online Prognostic Health Management of Mechanical Systems. Applied Sciences (Switzerland), 2020, 10, 4120.	2.5	23
9	Unit-load storage assignment strategy for warehouses in seismic areas. Computers and Industrial Engineering, 2015, 87, 481-490.	6.3	19
10	Modelling job rotation in manufacturing systems with aged workers. International Journal of Production Research, 2021, 59, 2522-2536.	7.5	17
11	Improving Ergonomics in the Meat Industry: A Case Study of an Italian Ham Processing Company. IFAC-PapersOnLine, 2015, 48, 598-603.	0.9	15
12	Learn from the past and act for the future: A holistic and participative approach for improving occupational health and safety in industry. Safety Science, 2022, 145, 105475.	4.9	15
13	Design of job rotation schedules managing the exposure to age-related risk factors. IFAC-PapersOnLine, 2017, 50, 13993-13997.	0.9	14
14	Carbide-tipped bit wear patterns and productivity with concrete drilling. Wear, 2017, 386-387, 58-62.	3.1	14
15	Prognostic Health Management of Production Systems. New Proposed Approach and Experimental Evidences. Procedia Manufacturing, 2019, 39, 260-269.	1.9	11
16	R2: Drilling into concrete: Effect of feed force on handle vibration and productivity. International Journal of Industrial Ergonomics, 2020, 80, 103049.	2.6	11
17	Application of a mathematical model for ergonomics in lean manufacturing. Data in Brief, 2017, 14, 360-365.	1.0	9
18	A framework for preventing and managing risks in confined spaces through IOT technologies. , 2015, , 3209-3217.		7

#	Article	IF	Citations
19	A Methodology for the Identification of Confined Spaces in Industry. Smart Innovation, Systems and Technologies, 2017, , 701-709.	0.6	6
20	Bi-Objective Design and Management of Reconfigurable Manufacturing Systems to Optimize Technical and Ergonomic Performances. Applied Sciences (Switzerland), 2021, 11, 263.	2.5	5
21	Assessing the impact of environmental quality factors on the industrial performance of aged workers: A literature review. Safety Science, 2022, 149, 105680.	4.9	5
22	A thorough investigation on pushing activities in industry: The impact of the variation in the speed of motion and load conditions on initial and sustained forces. Applied Ergonomics, 2020, 85, 103080.	3.1	4
23	The Impact of Ergonomics on the Design of Hybrid Multi-model Production Lines in Lean Manufacturing. Advances in Intelligent Systems and Computing, 2018, , 167-178.	0.6	4
24	Design of a digital tool for the identification of confined spaces. Journal of Loss Prevention in the Process Industries, 2022, 76, 104731.	3.3	4
25	A Detailed Investigation on Apparent and Root Causes of Accidents in Manufacturing. Advances in Intelligent Systems and Computing, 2020, , 18-25.	0.6	1
26	The Effect of Speed Variation on Initial and Sustained Forces During Pushing and Pulling Activities: A Preliminary Study. Advances in Intelligent Systems and Computing, 2019, , 169-178.	0.6	1
27	Sustainable Circular Economy for the Integration of Disadvantaged People: A Preliminary Study on the Reuse of Lithium-Ion Batteries. Sustainability, 2022, 14, 8158.	3.2	1
28	76â€…Effects of concrete bit wear on drill handle vibration, drilling productivity and changes in bit tip geometry. , 2018, , .		0
29	Analyzing the Dynamics of Work Accidents in Manufacturing to Understand â€œReasonably Foreseeable Behaviorsâ€• Lecture Notes in Networks and Systems, 2021, , 367-375.	0.7	0
30	Including Ergonomic Principles in the Design and Management of Reconfigurable Manufacturing Systems. Smart Innovation, Systems and Technologies, 2021, , 183-192.	0.6	0