

# Letizia Nicoletti

## List of Publications by Year in descending order

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31  
papers

1,027  
citations

759233

12  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1059  
citing authors

#	ARTICLE	IF	CITATIONS
1	New perspectives and results for Smart Operators in industry 4.0: A human-centered approach. Computers and Industrial Engineering, 2022, 163, 107824.	6.3	30
2	A Digital Twin-Driven and Conceptual Framework for Enabling Extended Reality Applications: A Case Study of a Brake Discs Manufacturer. Procedia Computer Science, 2022, 200, 1885-1893.	2.0	12
3	Applications of ML/AI for Decision-Intensive Tasks in Production Planning and Control. Procedia Computer Science, 2022, 200, 1903-1912.	2.0	13
4	A Cognitive Digital Twins Framework for Human-Robot Collaboration. Procedia Computer Science, 2022, 200, 1867-1874.	2.0	11
5	Real-time Detection of Worker's Emotions for Advanced Human-Robot Interaction during Collaborative Tasks in Smart Factories. Procedia Computer Science, 2022, 200, 1875-1884.	2.0	11
6	Wearable and interactive mixed reality solutions for fault diagnosis and assistance in manufacturing systems: Implementation and testing in an aseptic bottling line. Computers in Industry, 2021, 128, 103429.	9.9	22
7	Fuzzy Cognitive Map-Based Knowledge Representation of Hazardous Industrial Operations. Procedia Computer Science, 2021, 180, 1042-1048.	2.0	3
8	A prescriptive maintenance system for intelligent production planning and control in a smart cyber-physical production line. Procedia CIRP, 2021, 104, 1819-1824.	1.9	14
9	Blockchain-enabled supply chain: An experimental study. Computers and Industrial Engineering, 2019, 136, 57-69.	6.3	238
10	A system for supply chains diversification and (re)design: supporting managers' perspective in the face of uncertainty. International Journal of Logistics Systems and Management, 2019, 32, 168.	0.2	2
11	Ubiquitous knowledge empowers the Smart Factory: The impacts of a Service-oriented Digital Twin on enterprises' performance. Annual Reviews in Control, 2019, 47, 221-236.	7.9	90
12	Emergency preparedness in industrial plants: A forward-looking solution based on industry 4.0 enabling technologies. Computers in Industry, 2019, 105, 99-122.	9.9	31
13	Modeling workers' behavior: A human factors taxonomy and a fuzzy analysis in the case of industrial accidents. International Journal of Industrial Ergonomics, 2019, 69, 29-47.	2.6	35
14	Human factors in occupational health and safety 4.0: a cross-sectional correlation study of workload, stress and outcomes of an industrial emergency response. International Journal of Simulation and Process Modelling, 2019, 14, 178.	0.2	1
15	A Digital Twin based Service Oriented Application for a 4.0 Knowledge Navigation in the Smart Factory. IFAC-PapersOnLine, 2018, 51, 631-636.	0.9	45
16	An interactive, interoperable and ubiquitous mixed reality application for a smart learning experience. International Journal of Simulation and Process Modelling, 2018, 13, 589.	0.2	0
17	Smart operators in industry 4.0: A human-centered approach to enhance operators' capabilities and competencies within the new smart factory context. Computers and Industrial Engineering, 2017, 113, 144-159.	6.3	365
18	Disasters and Emergency Management in Chemical and Industrial Plants: Drones Simulation for Education and Training. Lecture Notes in Computer Science, 2016, , 301-308.	1.3	11

#	ARTICLE	IF	CITATIONS
19	An advanced training environment for vessels' last mile navigation. International Journal of Simulation and Process Modelling, 2015, 10, 117.	0.2	2
20	Advanced interoperable simulators for training in car terminals. International Journal of Simulation and Process Modelling, 2015, 10, 132.	0.2	3
21	Operative and procedural cooperative training in marine ports. Journal of Computational Science, 2015, 10, 97-107.	2.9	12
22	A modelling and simulation approach to assessment of a negative binomial approximation in a multi-echelon inventory system. International Journal of Simulation and Process Modelling, 2014, 9, 146.	0.2	2
23	Hybrid approach for container terminals performances evaluation and analysis. International Journal of Simulation and Process Modelling, 2014, 9, 104.	0.2	7
24	Safety and Security in Fresh Good Supply Chain. International Journal of Food Engineering, 2014, 10, 545-556.	1.5	8
25	Simulation as enabling technologies for agile thinking: training and education aids for decision makers. International Journal of Simulation and Process Modelling, 2014, 9, 113.	0.2	2
26	Multiple Forecasting Algorithms for Demand Forecasting in the Fashion Industry. , 2013, , .		4
27	Performance Analysis of a Southern Mediterranean Seaport via Discrete-Event Simulation. Strojnicki Vestnik/Journal of Mechanical Engineering, 2013, 9, 517-525.	1.1	14
28	HLA-based real time distributed simulation of a marine port for training purposes. International Journal of Simulation and Process Modelling, 2013, 8, 42.	0.2	14
29	Analysis of demand-supply interaction and inventory build-up strategies for products with short life cycles. International Journal of Simulation and Process Modelling, 2013, 8, 133.	0.2	2
30	AN APPLICATION OF MODELING AND SIMULATION TO SUPPORT INDUSTRIAL PLANTS DESIGN. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 03, 1240001.	1.4	12
31	SIMULATION, ANALYSIS AND OPTIMIZATION OF CONTAINER TERMINALS PROCESSES. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 03, 1240006.	1.4	11