

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	Smart operators in industry 4.0: A human-centered approach to enhance operators's capabilities and competencies within the new smart factory context. Computers and Industrial Engineering, 2017, 113, 144-159.	6.3	365
2	Blockchain-enabled supply chain: An experimental study. Computers and Industrial Engineering, 2019, 136, 57-69.	6.3	238
3	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
4	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
5	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
6	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
7	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
8	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
9	Performance Analysis of a Southern Mediterranean Seaport via Discrete-Event Simulation. Strojniški Vestnik/Journal of Mechanical Engineering, 2013, 9, 517-525.	1.1	14
10	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
11	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
12	Applications of ML/AI for Decision-Intensive Tasks in Production Planning and Control. Procedia Computer Science, 2022, 200, 1903-1912.	2.0	13
13	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
14	Operative and procedural cooperative training in marine ports. Journal of Computational Science, 2015, 10, 97-107.	2.9	12
15	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
16	SIMULATION, ANALYSIS AND OPTIMIZATION OF CONTAINER TERMINALS PROCESSES. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 03, 1240006.	1.4	11
17	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
18	A Cognitive Digital Twins Framework for Human-Robot Collaboration. Procedia Computer Science, 2022, 200, 1867-1874.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Real-time Detection of Worker's Emotions for Advanced Human-Robot Interaction during Collaborative Tasks in Smart Factories. <i>Procedia Computer Science</i> , 2022, 200, 1875-1884.	2.0	11
20	Safety and Security in Fresh Good Supply Chain. <i>International Journal of Food Engineering</i> , 2014, 10, 545-556.	1.5	8
21	Hybrid approach for container terminals performances evaluation and analysis. <i>International Journal of Simulation and Process Modelling</i> , 2014, 9, 104.	0.2	7
22	Multiple Forecasting Algorithms for Demand Forecasting in the Fashion Industry. , 2013, , .		4
23	Advanced interoperable simulators for training in car terminals. <i>International Journal of Simulation and Process Modelling</i> , 2015, 10, 132.	0.2	3
24	Fuzzy Cognitive Map-Based Knowledge Representation of Hazardous Industrial Operations. <i>Procedia Computer Science</i> , 2021, 180, 1042-1048.	2.0	3
25	Analysis of demand-supply interaction and inventory build-up strategies for products with short life cycles. <i>International Journal of Simulation and Process Modelling</i> , 2013, 8, 133.	0.2	2
26	A modelling and simulation approach to assessment of a negative binomial approximation in a multi-echelon inventory system. <i>International Journal of Simulation and Process Modelling</i> , 2014, 9, 146.	0.2	2
27	Simulation as enabling technologies for agile thinking: training and education aids for decision makers. <i>International Journal of Simulation and Process Modelling</i> , 2014, 9, 113.	0.2	2
28	An advanced training environment for vessels' last mile navigation. <i>International Journal of Simulation and Process Modelling</i> , 2015, 10, 117.	0.2	2
29	A system for supply chains diversification and (re)design: supporting managers' perspective in the face of uncertainty. <i>International Journal of Logistics Systems and Management</i> , 2019, 32, 168.	0.2	2
30	Human factors in occupational health and safety 4.0: a cross-sectional correlation study of workload, stress and outcomes of an industrial emergency response. <i>International Journal of Simulation and Process Modelling</i> , 2019, 14, 178.	0.2	1
31	An interactive, interoperable and ubiquitous mixed reality application for a smart learning experience. <i>International Journal of Simulation and Process Modelling</i> , 2018, 13, 589.	0.2	0