

Bianca Rimini

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,280
citations

471061

17
h-index

360668

35
g-index

45
all docs

45
docs citations

45
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(butylene succinate)-based polyesters for biomedical applications: A review. <i>European Polymer Journal</i> , 2016, 75, 431-460.	2.6	272
2	A new multi-objective heuristic algorithm for solving the stochastic assembly line re-balancing problem. <i>International Journal of Production Economics</i> , 2006, 102, 226-243.	5.1	133
3	A fuzzy multi-attribute model for risk evaluation in workplaces. <i>Safety Science</i> , 2009, 47, 707-716.	2.6	113
4	FlowSort-GDSS – A novel group multi-criteria decision support system for sorting problems with application to FMEA. <i>Expert Systems With Applications</i> , 2015, 42, 6342-6349.	4.4	106
5	A second life for cigarette butts? A review of recycling solutions. <i>Journal of Hazardous Materials</i> , 2020, 384, 121245.	6.5	65
6	Waste treatment: an environmental, economic and social analysis with a new group fuzzy PROMETHEE approach. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1317-1332.	2.1	55
7	Preparation for reuse activity of waste electrical and electronic equipment: Environmental performance, cost externality and job creation. <i>Journal of Cleaner Production</i> , 2019, 222, 77-89.	4.6	50
8	On the elicitation of criteria weights in PROMETHEE-based ranking methods for a mobile application. <i>Expert Systems With Applications</i> , 2019, 120, 217-227.	4.4	40
9	Life cycle assessment of a large, thin ceramic tile with advantageous technological properties. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 1567-1580.	2.2	28
10	An innovative container for WEEE collection and transport: Details and effects following the adoption. <i>Waste Management</i> , 2009, 29, 2846-2858.	3.7	26
11	Forecasting of Sporadic Demand Patterns with Seasonality and Trend Components: An Empirical Comparison between Holt-Winters and (S)ARIMA Methods. <i>Mathematical Problems in Engineering</i> , 2010, 2010, 1-14.	0.6	23
12	Municipal solid waste management: Identification and analysis of engineering indexes representing demand and costs generated in virtuous Italian communities. <i>Waste Management</i> , 2013, 33, 2532-2540.	3.7	23
13	Novel biocompatible PBS-based random copolymers containing PEG-like sequences for biomedical applications: From drug delivery to tissue engineering. <i>Polymer Degradation and Stability</i> , 2018, 153, 53-62.	2.7	23
14	Requalifying public buildings and utilities using a group decision support system. <i>Journal of Cleaner Production</i> , 2017, 164, 1081-1092.	4.6	22
15	The effect of plasma surface modification on the biodegradation rate and biocompatibility of a poly(butylene succinate)-based copolymer. <i>Polymer Degradation and Stability</i> , 2015, 121, 271-279.	2.7	20
16	Design of fully aliphatic multiblock poly(ester urethane)s displaying thermoplastic elastomeric properties. <i>Polymer</i> , 2016, 83, 154-161.	1.8	20
17	A periodic inventory system of intermittent demand items with fixed lifetimes. <i>International Journal of Production Research</i> , 2019, 57, 6993-7005.	4.9	18
18	An innovative model for WEEE recovery network management in accordance with the EU directives. <i>International Journal of Environmental Technology and Management</i> , 2008, 8, 348.	0.1	17

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19	Optimal production scheduling with customer-driven demand substitution. <i>International Journal of Production Research</i> , 2017, 55, 1692-1706.	4.9	16
20	Ecotoxicity of Plastics from Informal Waste Electric and Electronic Treatment and Recycling. <i>Toxics</i> , 2020, 8, 99.	1.6	16
21	Empirical Evaluation of the Impact of Resilience and Sustainability on Firms'™ Performance. <i>Sustainability</i> , 2020, 12, 1742.	1.6	15
22	An automated picking workstation for healthcare applications. <i>Computers and Industrial Engineering</i> , 2013, 64, 653-668.	3.4	14
23	A revised FMEA with application to a blow moulding process. <i>International Journal of Quality and Reliability Management</i> , 2016, 33, 900-919.	1.3	14
24	A simulative approach for evaluating alternative feeding scenarios in a kanban system. <i>International Journal of Production Research</i> , 2016, 54, 4228-4239.	4.9	13
25	Modelling production cost with the effects of learning and forgetting. <i>IFAC-PapersOnLine</i> , 2016, 49, 503-508.	0.5	12
26	Decision Trees for Supervised Multi-criteria Inventory Classification. <i>Procedia Manufacturing</i> , 2017, 11, 1871-1881.	1.9	12
27	Phase change material-sand mixtures for distributed latent heat thermal energy storage: Interaction and performance analysis. <i>Renewable Energy</i> , 2021, 169, 1066-1076.	4.3	12
28	Dimensionality reduced robust ordinal regression applied to life cycle assessment. <i>Expert Systems With Applications</i> , 2021, 178, 115021.	4.4	10
29	An innovative approach for optimizing warehouse capacity utilization. <i>International Journal of Logistics Research and Applications</i> , 2008, 11, 137-165.	5.6	9
30	Dynamic Re-order Policies for Irregular and Sporadic Demand Profiles. <i>Procedia Engineering</i> , 2014, 69, 1420-1429.	1.2	9
31	Optimal job assignment considering operators'™ walking costs and ergonomic aspects. <i>International Journal of Production Research</i> , 2018, 56, 1249-1268.	4.9	9
32	Phase Change Material Evolution in Thermal Energy Storage Systems for the Building Sector, with a Focus on Ground-Coupled Heat Pumps. <i>Polymers</i> , 2022, 14, 620.	2.0	9
33	Micro-structured 3D-electrospun scaffolds of biodegradable block copolymers for soft tissue regeneration. <i>European Polymer Journal</i> , 2017, 94, 33-42.	2.6	8
34	Estimating the Circularity Performance of an Emerging Industrial Symbiosis Network: The Case of Recycled Plastic Fibers in Reinforced Concrete. <i>Sustainability</i> , 2021, 13, 10257.	1.6	8
35	Costs and opportunities of moving picking activities upstream in distribution networks: A case study from the beverage industry. <i>International Journal of Production Economics</i> , 2013, 143, 342-348.	5.1	7
36	Low cost automation and poka yoke devices: tools for optimising production processes. <i>International Journal of Productivity and Quality Management</i> , 2009, 4, 590.	0.1	6

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37	An innovative approach for job pre-allocation to parallel unrelated machines in the case of a batch sequence dependent manufacturing environment. International Journal of Production Research, 2011, 49, 4353-4376.	4.9	6
38	Discrete time model of a two-station one-buffer serial system with inventory level-dependent operation. Computers and Industrial Engineering, 2017, 113, 46-63.	3.4	6
39	Stochastic assembly line balancing with learning effects. IFAC-PapersOnLine, 2017, 50, 5706-5711.	0.5	5
40	Production scheduling to optimize the product assortment in case of constrained capacity and customer-driven substitution. IFAC-PapersOnLine, 2015, 48, 1954-1959.	0.5	3
41	Minimizing operators' walking times into a linear system layout. IFAC-PapersOnLine, 2016, 49, 1709-1714.	0.5	3
42	Data on the environmental performance analysis of a dual-source heat pump system. Data in Brief, 2020, 31, 105919.	0.5	2
43	Complex Packaging Line Modelling and Simulation. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	1
44	Design and experimental analysis of a prototype waterjet facility for cathode ray tube cutting: evidence from a case study. International Journal of Experimental Design and Process Optimisation, 2011, 2, 299.	0.1	1
45	IMPLEMENTING THE NEARLY ZERO-ENERGY BUILDINGS NOTION IN INDUSTRIAL FACILITIES. WIT Transactions on Ecology and the Environment, 2021, , .	0.0	0