Bianca Rimini

List of Publications by Year
in descending order

45 papers	1,280 citations
471509 17 h-index	361022 35 g-index
45 all docs	45 docs citations
45 times ranked	1647 citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Change Material Evolution in Thermal Energy Storage Systems for the Building Sector, with a Focus on Ground-Coupled Heat Pumps. Polymers, 2022, 14, 620.	4.5	9
2	Phase change material-sand mixtures for distributed latent heat thermal energy storage: Interaction and performance analysis. Renewable Energy, 2021, 169, 1066-1076.	8.9	12
3	Dimensionality reduced robust ordinal regression applied to life cycle assessment. Expert Systems With Applications, 2021, 178, 115021.	7.6	10
4	Estimating the Circularity Performance of an Emerging Industrial Symbiosis Network: The Case of Recycled Plastic Fibers in Reinforced Concrete. Sustainability, 2021, 13, 10257.	3.2	8
5	IMPLEMENTING THE NEARLY ZERO-ENERGY BUILDINGS NOTION IN INDUSTRIAL FACILITIES. WIT Transactions on Ecology and the Environment, 2021, , .	0.0	0
6	A second life for cigarette butts? A review of recycling solutions. Journal of Hazardous Materials, 2020, 384, 121245.	12.4	65
7	Ecotoxicity of Plastics from Informal Waste Electric and Electronic Treatment and Recycling. Toxics, 2020, 8, 99.	3.7	16
8	Empirical Evaluation of the Impact of Resilience and Sustainability on Firms' Performance. Sustainability, 2020, 12, 1742.	3.2	15
9	Data on the environmental performance analysis of a dual-source heat pump system. Data in Brief, 2020, 31, 105919.	1.0	2
10	A periodic inventory system of intermittent demand items with fixed lifetimes. International Journal of Production Research, 2019, 57, 6993-7005.	7.5	18
11	Preparation for reuse activity of waste electrical and electronic equipment: Environmental performance, cost externality and job creation. Journal of Cleaner Production, 2019, 222, 77-89.	9.3	50
12	On the elicitation of criteria weights in PROMETHEE-based ranking methods for a mobile application. Expert Systems With Applications, 2019, 120, 217-227.	7.6	40
13	Novel biocompatible PBS-based random copolymers containing PEG-like sequences for biomedical applications: From drug delivery to tissue engineering. Polymer Degradation and Stability, 2018, 153, 53-62.	5.8	23
14	Optimal job assignment considering operators' walking costs and ergonomic aspects. International Journal of Production Research, 2018, 56, 1249-1268.	7.5	9
15	Decision Trees for Supervised Multi-criteria Inventory Classification. Procedia Manufacturing, 2017, 11, 1871-1881.	1.9	12
16	Stochastic assembly line balancing with learning effects. IFAC-PapersOnLine, 2017, 50, 5706-5711.	0.9	5
17	Discrete time model of a two-station one-buffer serial system with inventory level-dependent operation. Computers and Industrial Engineering, 2017, 113, 46-63.	6.3	6
18	Requalifying public buildings and utilities using a group decision support system. Journal of Cleaner Production, 2017, 164, 1081-1092.	9.3	22

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19	Micro-structured 3D-electrospun scaffolds of biodegradable block copolymers for soft tissue regeneration. European Polymer Journal, 2017, 94, 33-42.	5.4	8
20	Optimal production scheduling with customer-driven demand substitution. International Journal of Production Research, 2017, 55, 1692-1706.	7.5	16
21	Modelling production cost with the effects of learning and forgetting. IFAC-PapersOnLine, 2016, 49, 503-508.	0.9	12
22	Minimizing operators' walking times into a linear system layout. IFAC-PapersOnLine, 2016, 49, 1709-1714.	0.9	3
23	A revised FMEA with application to a blow moulding process. International Journal of Quality and Reliability Management, 2016, 33, 900-919.	2.0	14
24	Waste treatment: an environmental, economic and social analysis with a new group fuzzy PROMETHEE approach. Clean Technologies and Environmental Policy, 2016, 18, 1317-1332.	4.1	55
25	A simulative approach for evaluating alternative feeding scenarios in a kanban system. International Journal of Production Research, 2016, 54, 4228-4239.	7.5	13
26	Design of fully aliphatic multiblock poly(ester urethane)s displaying thermoplastic elastomeric properties. Polymer, 2016, 83, 154-161.	3.8	20
27	Poly(butylene succinate)-based polyesters for biomedical applications: A review. European Polymer Journal, 2016, 75, 431-460.	5.4	272
28	Production scheduling to optimize the product assortment in case of constrained capacity and customer-driven substitution. IFAC-PapersOnLine, 2015, 48, 1954-1959.	0.9	3
29	FlowSort-GDSS â€" A novel group multi-criteria decision support system for sorting problems with application to FMEA. Expert Systems With Applications, 2015, 42, 6342-6349.	7.6	106
30	The effect of plasma surface modification on the biodegradation rate and biocompatibility of a poly(butylene succinate)-based copolymer. Polymer Degradation and Stability, 2015, 121, 271-279.	5.8	20
31	Life cycle assessment of a large, thin ceramic tile with advantageous technological properties. International Journal of Life Cycle Assessment, 2014, 19, 1567-1580.	4.7	28
32	Dynamic Re-order Policies for Irregular and Sporadic Demand Profiles. Procedia Engineering, 2014, 69, 1420-1429.	1.2	9
33	Municipal solid waste management: Identification and analysis of engineering indexes representing demand and costs generated in virtuous Italian communities. Waste Management, 2013, 33, 2532-2540.	7.4	23
34	Costs and opportunities of moving picking activities upstream in distribution networks: A case study from the beverage industry. International Journal of Production Economics, 2013, 143, 342-348.	8.9	7
35	An automated picking workstation for healthcare applications. Computers and Industrial Engineering, 2013, 64, 653-668.	6.3	14
36	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.	7.5	6

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37	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.	0.2	1
38	Forecasting of Sporadic Demand Patterns with Seasonality and Trend Components: An Empirical Comparison between Holt-Winters and (S)ARIMA Methods. Mathematical Problems in Engineering, 2010, 2010, 1-14.	1.1	23
39	A fuzzy multi-attribute model for risk evaluation in workplaces. Safety Science, 2009, 47, 707-716.	4.9	113
40	An innovative container for WEEE collection and transport: Details and effects following the adoption. Waste Management, 2009, 29, 2846-2858.	7.4	26
41	Low cost automation and poka yoke devices: tools for optimising production processes. International Journal of Productivity and Quality Management, 2009, 4, 590.	0.2	6
42	An innovative approach for optimizing warehouse capacity utilization. International Journal of Logistics Research and Applications, 2008, 11, 137-165.	8.8	9
43	An innovative model for WEEE recovery network management in accordance with the EU directives. International Journal of Environmental Technology and Management, 2008, 8, 348.	0.2	17
44	Complex Packaging Line Modelling and Simulation. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	1
45	A new multi-objective heuristic algorithm for solving the stochastic assembly line re-balancing problem. International Journal of Production Economics, 2006, 102, 226-243.	8.9	133