

Jania Astrid Saucedo Martnez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

221
citations

6
h-index

14
g-index

25
ext. papers

261
ext. citations

1.9
avg, IF

3.54
L-index

#	Paper	IF	Citations
25	Tool Development for the Optimal Supply of Medical Oxygen Delivered at Home. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 3-11	0.2	
24	Mixed Integer Programming Model for Facility Location Problems: Case Study for Consolidation Centers. <i>Mobile Networks and Applications</i> , 2020 , 25, 2118-2125	2.9	
23	Demand Prediction Using a Soft-Computing Approach: A Case Study of Automotive Industry. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 829	2.6	6
22	Optimization of the Storage Location Assignment and the Picker-Routing Problem by Using Mathematical Programming. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 534	2.6	13
21	Intelligent system for selection of order picking technologies. <i>Wireless Networks</i> , 2020 , 26, 5809-5816	2.5	4
20	Optimization of the Distribution Network Using an Emerging Technology. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 857	2.6	3
19	A Two Stage Method for the Multiple Traveling Salesman Problem. <i>International Journal of Applied Metaheuristic Computing</i> , 2020 , 11, 79-91	0.8	1
18	Vertical and horizontal integration systems in Industry 4.0. <i>Wireless Networks</i> , 2020 , 26, 4767-4775	2.5	18
17	An optimization model for investment in technology and government regulation. <i>Wireless Networks</i> , 2020 , 26, 4929-4941	2.5	4
16	Collection of Solid Waste in Municipal Areas: Urban Logistics. <i>Sustainability</i> , 2019 , 11, 5442	3.6	3
15	Recovery Method of Supply Chain Under Ripple Effect: Supply Chain Event Management (SCEM) Application. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 455-465	0.4	1
14	Approach methodology for the sustainable design of packaging through computational tools: Case study: Water bottles. <i>Case Studies in Thermal Engineering</i> , 2019 , 16, 100561	5.6	2
13	The supply chain event management application: a case study. <i>IFAC-PapersOnLine</i> , 2019 , 52, 2698-2703	0.7	2
12	Organizational Systems Convergence with the Industry 4.0 Challenge 2019 , 411-431		
11	Industry 4.0 framework for management and operations: a review. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 9, 789-801	3.7	123
10	A New Objective Function to Simulate Supply Chain Performance Under Disruptions with Cellular Automata. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 21-30	0.2	
9	Improved Lagrangian bounds and heuristics for the generalized assignment problem. <i>Journal of Computer and Systems Sciences International</i> , 2017 , 56, 803-809	1	1

8	Design of a Distribution Network Using Primal-Dual Decomposition. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-9	1.1	9
7	Optimization of the distribution of steel pipes using a mathematical model. <i>DYNA (Colombia)</i> , 2015 , 82, 69-75	0.6	1
6	Problem for Light Pipes and a Solution Proposal. <i>Journal of Applied Research and Technology</i> , 2014 , 12, 969-975	1.7	
5	Two Stage Capacitated Facility Location Problem 2013 , 421-447		1
4	A Lagrangian bound for many-to-many assignment problems. <i>Journal of Combinatorial Optimization</i> , 2010 , 19, 241-257	0.9	13
3	Lagrangian heuristic for a class of the generalized assignment problems. <i>Computers and Mathematics With Applications</i> , 2010 , 60, 1115-1123	2.7	14
2	Studying properties of Lagrangian bounds for many-to-many assignment problems. <i>Journal of Computer and Systems Sciences International</i> , 2009 , 48, 363-369	1	2
1	Demand Forecasting for Freight Transport Applying Machine Learning into the Logistic Distribution. <i>Mobile Networks and Applications</i> , 1	2.9	0