

Santiago-Omar Caballero-Morales

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

227
citations

1478505

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1058476

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g-index

23
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23
docs citations

23
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Development of a I4.0 Engineering Education Laboratory with Virtual and Digital Technologies Based on ISO/IEC TR 23842-1 Standard Guidelines. Applied Sciences (Switzerland), 2022, 12, 5993.	2.5	10
2	SIX-SIGMA GUIDELINES TO IMPROVE INVENTORY MANAGEMENT IN A BOTTLING COMPANY. International Journal of Entrepreneurial Knowledge, 2022, 10, 20-33.	1.8	0
3	A Hybrid Capacitated Multi-facility Location Model for Pre-positioning Warehouses and Inventories in Regions at Risk in Mexico. , 2021, , 193-221.		1
4	Solution strategy based on Gaussian mixture models and dispersion reduction for the capacitated centered clustering problem. PeerJ Computer Science, 2021, 7, e332.	4.5	0
5	Innovation as recovery strategy for SMEs in emerging economies during the COVID-19 pandemic. Research in International Business and Finance, 2021, 57, 101396.	5.9	154
6	Helicopter routing model with non-deterministic failure rate for evacuation of multiple oil platforms. Computers and Industrial Engineering, 2020, 139, 105669.	6.3	4
7	Analysis and Reduction of CO ₂ Emissions and Costs Associated to Inventory Replenishment Strategies with Uncertain Demand. Polish Journal of Environmental Studies, 2020, 29, 3997-4005.	1.2	3
8	Risk analysis of the supply chain of a tools manufacturer in Puebla, Mexico. Journal of Contingencies and Crisis Management, 2019, 27, 406-413.	2.8	9
9	Risk-based Strategic Inventory Supply Model for New Products. , 2019, , 75-95.		2
10	A Facility Allocation-Location Approach to Analyze the Capability of the State-Owned Mexican Petroleum Company to Respond to the Closure of Pipelines. Lecture Notes in Computer Science, 2019, , 283-296.	1.3	0
11	Extended GRASP-Capacitated K -Means Clustering Algorithm to Establish Humanitarian Support Centers in Large Regions at Risk in Mexico. Journal of Optimization, 2018, 2018, 1-14.	6.0	11
12	Dynamic Reduction-Expansion Operator to Improve Performance of Genetic Algorithms for the Traveling Salesman Problem. Mathematical Problems in Engineering, 2018, 2018, 1-12.	1.1	4
13	Capacitated vehicle routing problem model for carriers. Journal of Transport and Supply Chain Management, 2018, 12, .	0.6	6
14	Solution approach for a large scale personnel transport system for a large company in Latin America. Journal of Industrial Engineering and Management, 2017, 10, 623.	1.5	3
15	Logistic model for the facility location problem on ellipsoids. International Journal of Engineering Business Management, 2016, 8, 184797901666897.	3.7	6
16	MODEL: An Emotion-Based Software Engineering Methodology for the Development of Digital Learning Objects for the Preservation of the Mixtec Language. Sustainability, 2015, 7, 9344-9394.	3.2	2
17	Building Cost Function 3D Benchmarks to Improve the Economic Statistical Design of X Charts. Mathematical Problems in Engineering, 2014, 2014, 1-20.	1.1	2
18	Automatic speech recognition of the Mixtec language: An ubiquitous computing application. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	On the Development of Speech Resources for the Mixtec Language. Scientific World Journal, The, 2013, 2013, 1-19.	2.1	3
20	Estimation of Phoneme-Specific HMM Topologies for the Automatic Recognition of Dysarthric Speech. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-15.	1.3	2