Elias Olivares-Benitez

List of Publications by Year
in descending order

48 papers	334 citations	840585 11 h-index	940416 16 g-index
48 all docs	48 docs citations	48 times ranked	317 citing authors

#	Article	IF	Citations
1	A metaheuristic algorithm to solve the selection of transportation channels in supply chain design. International Journal of Production Economics, 2013, 145, 161-172.	5.1	40
2	A supply chain design problem with facility location and bi-objective transportation choices. Top, 2012, 20, 729-753.	1.1	24
3	A heuristic method for the supplier selection and order quantity allocation problem. Applied Mathematical Modelling, 2021, 90, 1130-1142.	2.2	24
4	Supply chain network design with efficiency, location, and inventory policy using a multiobjective evolutionary algorithm. International Transactions in Operational Research, 2017, 24, 251-275.	1.8	23
5	Operational Efficiency of Mexican Water Utilities: Results of a Double-Bootstrap Data Envelopment Analysis. Water (Switzerland), 2020, 12, 553.	1.2	23
6	The multi-depot open location routing problem with a heterogeneous fixed fleet. Expert Systems With Applications, 2021, 165, 113846.	4.4	22
7	A metaheuristic approach for selecting a common platform for modular products based on product performance and manufacturing cost. Journal of Intelligent Manufacturing, 2008, 19, 599-610.	4.4	18
8	Components to foster organizational resilience in tourism SMEs. Business Process Management Journal, 2022, 28, 208-235.	2.4	15
9	Implementation of Lean Manufacturing to Reduce the Delivery Time of a Replacement Part to Dealers: A Case Study. Applied Sciences (Switzerland), 2019, 9, 3932.	1.3	14
10	A Memetic Algorithm for the Cumulative Capacitated Vehicle Routing Problem Including Priority Indexes. Applied Sciences (Switzerland), 2020, 10, 3943.	1.3	13
11	Inventory replenishment decision model for the supplier selection problem using metaheuristic algorithms. Mathematical Biosciences and Engineering, 2020, 17, 2016-2036.	1.0	13
12	Multi-period multi-product closed loop supply chain network design: A relaxation approach. Computers and Industrial Engineering, 2021, 155, 107191.	3.4	12
13	Extensions to K-Medoids with Balance Restrictions over the Cardinality of the Partitions. Journal of Applied Research and Technology, 2014, 12, 396-408.	0.6	11
14	Design of a Logistics Nonlinear System for a Complex, Multiechelon, Supply Chain Network with Uncertain Demands. Complexity, 2018, 2018, 1-16.	0.9	8
15	Factors to Foster Organizational Sustainability in Tourism SMEs. Sustainability, 2020, 12, 8657.	1.6	7
16	Anàlisis de producciòn y comercializaciòn hortìcola del estado de Puebla: un enfoque de cadena de valor. Revista Mexicana De Ciencias Agricolas, 2015, 6, 779-792.	0.0	7
17	A methodology to solve the Order Batching Problem. IFAC-PapersOnLine, 2015, 48, 1380-1386.	0.5	6
18	Hybrid model to design a distribution network in contract farming. DYNA (Colombia), 2019, 86, 102-109.	0.2	6

#	Article	IF	Citations
19	Inventory replenishment decisions model for the supplier selection problem facing low perfect rate situations. Optimization Letters, 2021, 15, 1509-1535.	0.9	6
20	An Improved Grey Wolf Optimizer for a Supplier Selection and Order Quantity Allocation Problem. Mathematics, 2020, 8, 1457.	1.1	5
21	Safety stock levels in modular product system using commonality and part families. IFAC-PapersOnLine, 2015, 48, 1387-1392.	0.5	4
22	Insular Biobjective Routing with Environmental Considerations for a Solid Waste Collection System in Southern Chile. Advances in Operations Research, 2017, 2017, 1-11.	0.2	4
23	Combined Use of Mathematical Optimization and Design of Experiments for the Maximization of Profit in a Four-Echelon Supply Chain. Complexity, 2018, 2018, 1-25.	0.9	4
24	Strategic Foresight: Determining Patent Trends in Additive Manufacturing. Journal of Intelligence Studies in Business, 2015, 4, .	0.4	4
25	Multiâ€start iterated local search metaheuristic for the multiâ€mode resourceâ€constrained project scheduling problem. Expert Systems, 2022, 39, e12830.	2.9	3
26	Variations in the Flow Approach to CFCLP-TC for Multiobjective Supply Chain Design. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	2
27	Herramienta para la evaluaciÃ³n del riesgo de robo en el autotransporte de carga. Nova Scientia, 2014, 7, 438.	0.0	2
28	Relajacion lagrangeana para el problema de particionamiento de Ã¡reas geogrÃ¡ficas. Revista De MatemÃ¡tica: TeorÃa Y Aplicaciones, 2012, 19, 169-181.	0.1	2
29	Matheuristics for the Design of a Multi-Step, Multi-Product Supply Chain with Multimodal Transport. Applied Sciences (Switzerland), 2021, 11, 10251.	1.3	2
30	Partitioning with Variable Neighborhood Search: A bioinspired approach. , 2012, , .		1
31	A Location Allocation Model for a Territorial Design Problem with Dense Demand. International Journal of Applied Logistics, 2016, 6, 1-14.	0.6	1
32	Optimizing Safety Stock Levels in Modular Production Systems Using Component Commonality and Group Technology Philosophy: A Study Based on Simulation. Mathematical Problems in Engineering, 2016, 2016, 1-13.	0.6	1
33	Heuristic for Multi-objective Solution of the Periodic Vehicle Routing Problem. Research in Computing Science, 2016, 109, 9-17.	0.1	1
34	HeurÃstica biobjetivo de dos etapas para rediseÃ±o de territorios de venta. EconoQuantum, 2011, 8, 143-161.	0.5	1
35	Talento verde: caracterizaciÃ³n y bÃºsqueda. Nova Scientia, 2015, 7, 694.	0.0	1
36	Talento verde y cadenas de suministro verdes: Â¿existe una relaciÃ³n significativa?. Nova Scientia, 2016, 8, 421.	0.0	1

#	Article	IF	Citations
37	Enfoque para la soluciÃ³n de un problema de transporte en la cadena de suministro agroalimentaria de la cebada en MÃ©xico.. Ingenio Y Conciencia BoletÃn CientÃfico De La Escuela Superior Ciudad SahagÃºn, 2017, 4, .	0.0	1
38	Production Planning for a Company in the Industry of Compact Discs Mass Replications. Management and Industrial Engineering, 2018, , 497-516.	0.3	1
39	Multi-Objective Territory Design for Sales Managers of a Direct Sales Company. Advances in Civil and Industrial Engineering Book Series, 2019, , 160-178.	0.2	1
40	Simulated Annealing and Variable Neighborhood Search Hybrid Metaheuristic for the Geographic Clustering Simulated Annealing and Variable Neighborhood Search Hybrid Metaheuristic for the Geographic Clustering Simulated Annealing and Variable Neighborhood Search Hybrid Metaheuristic for the Geographic. , 2013, , .		0
41	El rol de los 4 PLâ€™s (Fourth Party Logistics) en las actividades logÃsticas de las empresas ubicadas en la regiÃ³n Centro - Golfo de MÃ©xico. Nova Scientia, 2014, 6, 198.	0.0	0
42	DiseÃ±o de la logÃstica en la cadena de suministro agroalimentaria.. Ingenio Y Conciencia BoletÃn CientÃfico De La Escuela Superior Ciudad SahagÃºn, 2016, 3, .	0.0	0
43	El decaimiento de la calidad como elemento para el diseÃ±o de cadenas de suministros agroalimentarias. Ingenio Y Conciencia BoletÃn CientÃfico De La Escuela Superior Ciudad SahagÃºn, 2017, 4, .	0.0	0
44	A MILP and Genetic Algorithm Approach for a Furniture Manufacturing Flow Shop Scheduling Problem. Advances in Civil and Industrial Engineering Book Series, 2019, , 238-259.	0.2	0
45	The Capacitated Lot Sizing Problem with Batch Ordering: A MILP and Heuristic Approach. , 2019, , .		0
46	Maximization of Profit for a Problem of Location and Routing, with Price-sensitive Demands. , 2019, , .		0
47	Attraction-Rejection Model for Facility Location. Computacion Y Sistemas, 2020, 24, .	0.2	0
48	MÃ©todos y modelos para abordar problemas logÃsticos en la cadena de suministro agroalimentaria. PÃ„DI BoletÃn CientÃfico De Ciencias BÃ¡sicas E IngenierÃas Del ICBI, 2020, 8, 63-71.	0.0	0