Rodrigo Linfati

List of Publications by Year
in descending order

32 papers	486 citations	1040018 9 h-index	677123 22 g-index
32 all docs	32 docs citations	32 times ranked	393 citing authors

#	ARTICLE	IF	CITATIONS
1	Exact algorithms for production planning in mining considering the use of stockpiles and sequencing of power shovels in open-pit mines. Operational Research, 2022, 22, 2529-2553.	2.0	4
2	Strategy for Locating People to Reduce the Transmission of COVID-19 Using Different Interference Measures. Sustainability, 2022, 14, 529.	3.2	1
3	Mathematical Model for the Electric Vehicle Routing Problem Considering the State of Charge of the Batteries. Sustainability, 2022, 14, 1645.	3.2	8
4	Probabilistic Approach to Determine the Spatial Distribution of the Antecedent Moisture Conditions for Different Return Periods in the Atlántico Region, Colombia. Water (Switzerland), 2022, 14, 1217.	2.7	0
5	The Multi-Depot Cumulative Vehicle Routing Problem With Mandatory Visit Times and Minimum Delayed Latency. IEEE Access, 2021, 9, 27210-27225.	4.2	11
6	Optimal placement design for picking and packing in distribution centers. Advances in Mechanical Engineering, 2021, 13, 168781402110106.	1.6	0
7	A simulated annealing-based approach for a real case study of vehicle routing problem with a heterogeneous fleet and time windows. International Journal of Shipping and Transport Logistics, 2021, 13, 185.	0.5	8
8	A Mathematical Model for Scheduling and Assignment of Customers in Hospital Waste Collection Routes. Applied Sciences (Switzerland), 2021, 11, 10557.	2.5	7
9	Mathematical Optimization Model for Truck Scheduling in a Distribution Center with a Mixed Service-Mode Dock Area. Journal of Advanced Transportation, 2020, 2020, 1-13.	1.7	5
10	Multimodal Capacitated Hub Location Problems with Multi-Commodities: An Application in Freight Transport. Journal of Advanced Transportation, 2020, 2020, 1-9.	1.7	15
11	A New Mathematical Model for the Vehicle Routing Problem with Backhauls and Time Windows. Advances in Intelligent Systems and Computing, 2020, , 46-53.	0.6	1
12	Forest harvest and sawmills: An integrated tactical planning model. Computers and Electronics in Agriculture, 2019, 156, 275-281.	7.7	12
13	A flexible mathematical model for the planning and designing of a sporting fixture by considering the assignment of referees. International Journal of Industrial Engineering Computations, 2019, , 281-294.	0.7	3
14	A Two-Phase Heuristic Algorithm for the Problem of Scheduling and Vehicle Routing for Delivery of Medication to Patients. Mathematical Problems in Engineering, 2018, 2018, 1-12.	1.1	4
15	Reoptimization Heuristic for the Capacitated Vehicle Routing Problem. Journal of Advanced Transportation, 2018, 2018, 1-8.	1.7	9
16	A probabilistic granular tabu search for the distance constrained capacitated vehicle routing problem. International Journal of Industrial and Systems Engineering, 2018, 29, 453.	0.2	11
17	Efficient Heuristic Algorithms for Location of Charging Stations in Electric Vehicle Routing Problems. Studies in Informatics and Control, 2018, 27, .	1.2	10
18	A probabilistic granular tabu search for the distance constrained capacitated vehicle routing problem. International Journal of Industrial and Systems Engineering, 2018, 29, 453.	0.2	9

#	Article	IF	Citations
19	The maximum€impact coloring polytope. International Transactions in Operational Research, 2017, 24, 303-324.	2.7	2
20	A granular tabu search algorithm for a real case study of a vehicle routing problem with a heterogeneous fleet and time windows. Journal of Industrial Engineering and Management, 2017, 10, 646.	1.5	12
21	A comparison of trajectory granular based algorithms for the location-routing problem with heterogeneous fleet (LRPH). DYNA (Colombia), 2017, 84, 193-201.	0.4	4
22	Una aplicaciÃ³n web, para asignaciÃ³n y ruteo de vehÃculos en caso de desastres. ITECKNE InnovaciÃ³n E InvestigaciÃ³n En IngenierÃa, 2017, 14, 62.	0.0	1
23	Un modelo de programaciÃ³n lineal para el problema de mÃ¡quinas paralelas no relacionadas en el Ã¡rea de secado de un aserradero en Chile. Revista Facultad De IngenierÃa, 2017, 26, .	0.2	1
24	A hybrid metaheuristic approach for the capacitated vehicle routing problem with container loading constraints. , 2015, , .		2
25	A hybrid metaheuristic algorithm for the capacitated location routing problem. DYNA (Colombia), 2015, 82, 243-251.	0.4	12
26	Problema de LocalizaciÃ³n y Ruteo con Restricciones de Capacidad: RevisiÃ³n de la Literatura. Revista Facultad De IngenierÃa, 2015, 24, 85.	0.2	7
27	An algorithm based on granular tabu search for the problem of balancing public bikes by using multiple vehicles. DYNA (Colombia), 2014, 81, 284.	0.4	8
28	A hybrid Granular Tabu Search algorithm for the Multi-Depot Vehicle Routing Problem. Journal of Heuristics, 2014, 20, 483-509.	1.4	100
29	A Granular Variable Tabu Neighborhood Search for the capacitated location-routing problem. Transportation Research Part B: Methodological, 2014, 67, 344-356.	5.9	81
30	Un algoritmo metaheurÃstico para el problema de localizaciÃ³n y ruteo con flota heterogÃ©nea. IngenierÃa Y Ciencia, 2014, 10, 55-76.	0.3	6
31	Un algoritmo basado en bÃºsqueda tabÃº granular para la soluciÃ³n de un problema de ruteo de vehÃculos considerando flota heterogÃ©nea. Revista IngenierÃas Universidad De MedellÃn, 2014, 13, 81-98.	0.2	7
32	A two-phase hybrid heuristic algorithm for the capacitated location-routing problem. Computers and Operations Research, 2013, 40, 70-79.	4.0	125