Safa Bhar Layeb

List of Publications by Year
in descending order

35 papers	**216** citations	1478458 **6** h-index	1125717 **13** g-index
36 all docs	**36** docs citations	**36** times ranked	**172** citing authors

#	Article	IF	Citations
1	Deep reinforcement learning for solving the single container loading problem. Engineering Optimization, 2023, 55, 668-684.	2.6	5
2	Application of Data Envelopment Analysis for pharmaceutical export decision-making during the COVID-19 pandemic. , 2022, , .		1
3	Equipment Dispatching Problem for Underground Mine Under Stochastic Working Times. Lecture Notes in Computer Science, 2021, , 429-441.	1.3	3
4	A Clustering-Based Data Envelopment Analysis for Learning Processes Performance Assessment in Teaching Hospitals. , 2021, , .		3
5	Organizational Design for an Effective Health Care Performance: Case Study of a Tunisian Emergency Department. , 2021, , .		0
6	Management of Shared Customers Through Pool Collaboration in Last-Mile Transportation. , 2021, , .		2
7	Forecasting Demand Using ARIMA Model and LSTM Neural Network: a Case of Detergent Manufacturing Industry. , 2021, , .		2
8	Tailoring a Red Deer Algorithm to Solve a Generalized Network Design Problem. , 2021, , .		3
9	Process reengineering and optimization for innovation performance: An application to detergent manufacturing. , 2021, , .		2
10	A simulation-optimization approach for the stochastic discrete cost multicommodity flow problem. Engineering Optimization, 2020, 52, 507-526.	2.6	7
11	Framework for Managing the New General Data Protection Regulation Related Claims. Smart Innovation, Systems and Technologies, 2020, , 14-23.	0.6	1
12	Locating and sizing electric vehicles charging stations in new markets. International Journal of Applied Decision Sciences, 2020, 13, 153.	0.3	1
13	Efficiency Analysis to evaluate a Breast Cancer Screening Campaign: A Case Study from Tunisia. , 2020, , .		4
14	Toward a PCA-DEA based Decision Support System: A case study of a third-party logistics provider from Tunisia. , 2020, , .		3
15	On Solving the On-Demand Grocery Delivery Problem. , 2020, , .		0
16	Data Envelopment Analysis for Care Production Efficiency Measurement in Ambulatory Care Departments. , 2019, , .		8
17	An exact approach for the multicommodity network optimization problem with a step cost function. RAIRO - Operations Research, 2019, 53, 1279-1295.	1.8	4
18	Enhanced Exact Approach for the Network Loading Problem. , 2019, , .		1

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19	A Decision Support System for Drug Inventory Management within an Emergency Department: A Case Study. , 2019, , .		7
20	Determining optimal deployment of electric vehicles charging stations: Case of Tunis City, Tunisia. Case Studies on Transport Policy, 2019, 7, 628-642.	2.5	52
21	A New MILP-based Decision Support System for the Fuel Distribution. , 2019, , .		3
22	Bio-inspired metaheuristics for the generalised discrete cost multicommodity network design problem. International Journal of Metaheuristics, 2019, 7, 176.	0.1	4
23	A new combined linear-artificial neural network-based model for accurate inflation forecasting in Tunisia. International Journal of Decision Sciences, Risk and Management, 2019, 8, 220.	0.1	0
24	Optimal Locations Determination for an Electric Vehicle Charging Infrastructure in the City of Tunis, Tunisia. Advances in Science, Technology and Innovation, 2018, , 979-981.	0.4	3
25	Solving the Discrete Cost Multicommodity Network Design Problem to Optimality. , 2018, , .		1
26	A simulation-optimization approach for scheduling in stochastic freight transportation. Computers and Industrial Engineering, 2018, 126, 99-110.	6.3	39
27	Compact MILP models for the discrete cost multicommodity network design problem. , 2017, , .		2
28	On lower bounds computation for the Discrete Cost Multicommodity Network Design Problem. , 2016, , .		3
29	Solving the steiner tree problem with revenues, budget and hop constraints to optimality. , 2013, , .		2
30	Tight compact models and comparative analysis for the prize collecting Steiner tree problem. Discrete Applied Mathematics, 2013, 161, 618-632.	0.9	11
31	Strength of Three MIP Formulations for the Prize Collecting Steiner Tree Problem with a Quota Constraint. Electronic Notes in Discrete Mathematics, 2010, 36, 495-502.	0.4	4
32	Algorithmic expedients for the Prize Collecting Steiner Tree Problem. Discrete Optimization, 2010, 7, 32-47.	0.9	11
33	The prize collecting Steiner tree problem: models and Lagrangian dual optimization approaches. Computational Optimization and Applications, 2008, 40, 13-39.	1.6	17
34	Hybrid model for a cross‐department efficiency evaluation in healthcare systems. Managerial and Decision Economics, 0, , .	2.5	4
35	A BPMN-VSM based process analysis to improve the efficiency of multidisciplinary outpatient clinics. Production Planning and Control, 0, , 1-31.	8.8	2