

# Christopher ExpÃ³sito-Izquierdo

## List of Publications by Year in descending order

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42  
papers

620  
citations

623699

14  
h-index

610883

24  
g-index

43  
all docs

43  
docs citations

43  
times ranked

501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-Marshalling Problem: Heuristic solution method and instances generator. Expert Systems With Applications, 2012, 39, 8337-8349.	7.6	92
2	An improved formulation for the multi-depot open vehicle routing problem. OR Spectrum, 2016, 38, 175-187.	3.4	56
3	A Two-Level solution approach to solve the Clustered Capacitated Vehicle Routing Problem. Computers and Industrial Engineering, 2016, 91, 274-289.	6.3	52
4	A Set-Partitioning-based model for the Berth Allocation Problem under Time-Dependent Limitations. European Journal of Operational Research, 2016, 250, 1001-1012.	5.7	50
5	An exact approach for the Blocks Relocation Problem. Expert Systems With Applications, 2015, 42, 6408-6422.	7.6	48
6	A domain-specific knowledge-based heuristic for the Blocks Relocation Problem. Advanced Engineering Informatics, 2014, 28, 327-343.	8.0	41
7	Simulation-optimization for the management of the transshipment operations at maritime container terminals. Expert Systems With Applications, 2020, 139, 112852.	7.6	33
8	Greedy randomized adaptive search procedure to design waste collection routes in La Palma. Computers and Industrial Engineering, 2019, 137, 106047.	6.3	31
9	Hybrid Estimation of Distribution Algorithm for the Quay Crane Scheduling Problem. Applied Soft Computing Journal, 2013, 13, 4063-4076.	7.2	28
10	A hybrid GRASP-VNS for ship routing and scheduling problem with discretized time windows. Engineering Applications of Artificial Intelligence, 2015, 45, 350-360.	8.1	27
11	A POPMUSIC-based approach for the berth allocation problem under time-dependent limitations. Annals of Operations Research, 2017, 253, 871-897.	4.1	19
12	Hybrid optimization routing management for autonomous underwater vehicle in the internet of underwater things. Earth Science Informatics, 2021, 14, 441-456.	3.2	17
13	A metaheuristic algorithm and simulation to study the effect of learning or tiredness on sequence-dependent setup times in a parallel machine scheduling problem. Expert Systems With Applications, 2019, 117, 62-74.	7.6	16
14	A Hybrid Biased Random Key Genetic Algorithm for the Quadratic Assignment Problem. Information Processing Letters, 2016, 116, 513-520.	0.6	15
15	Quality of service objectives for vehicle routing problem with time windows. Applied Soft Computing Journal, 2019, 84, 105707.	7.2	12
16	A heuristic algorithm based on an improvement strategy to exploit idle time periods for the Stacking Problem. Computers and Industrial Engineering, 2015, 87, 410-424.	6.3	11
17	Multi-stage approach for the transshipment of import containers at maritime container terminals. IET Intelligent Transport Systems, 2019, 13, 714-728.	3.0	9
18	Minimizing the operating cost of block retrieval operations in stacking facilities. Computers and Industrial Engineering, 2019, 136, 436-452.	6.3	8

#	ARTICLE	IF	CITATIONS
19	Minimizing the Waiting Times of block retrieval operations in stacking facilities. Computers and Industrial Engineering, 2017, 103, 70-84.	6.3	6
20	Migrating Birds Optimization for the Seaside Problems at Maritime Container Terminals. Journal of Applied Mathematics, 2015, 2015, 1-12.	0.9	5
21	Using a decision tree algorithm to predict the robustness of a transshipment schedule. Procedia Computer Science, 2019, 149, 529-536.	2.0	5
22	Variable Neighbourhood Search for the Quay Crane Scheduling Problem. , 2011, , .		4
23	Multi-leader migrating birds optimisation: a novel nature-inspired metaheuristic for combinatorial problems. International Journal of Bio-Inspired Computation, 2017, 10, 89.	0.9	4
24	Management of internal delivery vehicles in maritime container terminals. Progress in Artificial Intelligence, 2018, 7, 65-80.	2.4	4
25	A Survey of the Cuckoo Search and Its Applications in Real-World Optimization Problems. Advances in Computational Intelligence and Robotics Book Series, 2017, , 541-555.	0.4	4
26	Maritime Container Terminal Problems. , 2017, , 1-27.		3
27	Optimization of Container Terminal Problems: An Integrated Solution Approach. Lecture Notes in Computer Science, 2013, , 324-331.	1.3	2
28	Problem MetaHeuristic Solver: An educational tool aimed at studying heuristic optimization methods. Computer Applications in Engineering Education, 2015, 23, 897-909.	3.4	2
29	Empirical study of variable neighbourhood search applied to the optimization of the internal delivery vehicles at maritime container terminals. Electronic Notes in Discrete Mathematics, 2017, 58, 127-133.	0.4	2
30	A Review of Soft Computing Techniques in Maritime Logistics and Its Related Fields. Studies in Fuzziness and Soft Computing, 2018, , 1-23.	0.8	2
31	A Multi-stage Approach Aimed at Optimizing the Transshipment of Containers in a Maritime Container Terminal. Lecture Notes in Computer Science, 2015, , 255-262.	1.3	2
32	Solving an Eco-efficient Vehicle Routing Problem for Waste Collection withÂGRASP. Studies in Computational Intelligence, 2018, , 215-224.	0.9	1
33	An Overview of the Last Advances and Applications of Artificial Bee Colony Algorithm. Advances in Computational Intelligence and Robotics Book Series, 2017, , 520-540.	0.4	1
34	An Overview of the Last Advances and Applications of Greedy Randomized Adaptive Search Procedure. Advances in Computational Intelligence and Robotics Book Series, 2018, , 264-284.	0.4	1
35	Analysis of fuzzy multi-objective location problems by using open georeferenced data. , 2017, , .		0
36	Maritime Container Terminal Problems. , 2018, , 1051-1077.		0

#	ARTICLE	IF	CITATIONS
37	A Greedy Randomized Adaptive Search Procedure for Solving the Uncapacitated Plant Cycle Problem. Lecture Notes in Computer Science, 2015, , 263-270.	1.3	0
38	Intelligent Heuristic Techniques for the Optimization of the Transshipment and Storage Operations at Maritime Container Terminals. Inteligencia Artificial, 2017, 20, 20.	0.8	0
39	A Fuzzy Location Problem Based Upon Georeferenced Data. Studies in Fuzziness and Soft Computing, 2018, , 67-86.	0.8	0
40	A Meta-heuristic Approach for the Transshipment of Containers in Maritime Container Terminals. Lecture Notes in Computer Science, 2018, , 323-330.	1.3	0
41	Optimizing the Movement of Containers on the Yard of a Maritime Container Terminal. Lecture Notes in Computer Science, 2018, , 316-322.	1.3	0
42	Fuzzy Greedy Randomized Adaptive Search Procedure and Simulation Model to Solve the Team Orienteering Problem with Time Windows. Communications in Computer and Information Science, 2020, , 715-727.	0.5	0