

Maichel M Aguayo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

86
citations

6
h-index

9
g-index

11
ext. papers

121
ext. citations

6.2
avg, IF

2.99
L-index

#	Paper	IF	Citations
11	A MILP-based operational decision-making methodology for demand-side management applied to desalinated water supply systems supported by a solar photovoltaic plant: A case study in agricultural industry. <i>Journal of Cleaner Production</i> , 2022 , 334, 130123	10.3	3
10	A simulation-optimization approach for the facility location and vehicle assignment problem for firefighters using a loosely coupled spatio-temporal arrival process. <i>Computers and Industrial Engineering</i> , 2021 , 157, 107242	6.4	0
9	A mixed-integer programming methodology to design tidal current farms integrating both cost and benefits: A case study in the Chacao Channel, Chile. <i>Applied Energy</i> , 2021 , 294, 116980	10.7	0
8	New compact integer programming formulations for the multi-trip vehicle routing problem with time windows. <i>Computers and Industrial Engineering</i> , 2020 , 144, 106399	6.4	10
7	A facility location and equipment emplacement technique model with expected coverage for the location of fire stations in the Concepci3n province, Chile. <i>Computers and Industrial Engineering</i> , 2020 , 147, 106522	6.4	8
6	Accelerating the Miller-Tucker-Zemlin model for the asymmetric traveling salesman problem. <i>Expert Systems With Applications</i> , 2020 , 148, 113229	7.8	10
5	A branch-and-price approach for a biomass feedstock logistics supply chain design problem. <i>IIE Transactions</i> , 2019 , 51, 1348-1364	3.3	6
4	Single-commodity flow-based formulations and accelerated benders algorithms for the high-multiplicity asymmetric traveling salesman problem and its extensionsPlease note this paper has been re-typeset by Taylor & Francis from the manuscript originally provided to the previous publisher.View all notes. <i>Journal of the Operational Research Society</i> , 2018 , 69, 734-746	2	2
3	Solving the single and multiple asymmetric Traveling Salesmen Problems by generating subtour elimination constraints from integer solutions. <i>IIE Transactions</i> , 2018 , 50, 45-53	3.3	11
2	Biomass feedstock supply chain design a taxonomic review and a decomposition-based methodology. <i>International Journal of Production Research</i> , 2018 , 56, 5626-5659	7.8	20
1	A corn-stover harvest scheduling problem arising in cellulosic ethanol production. <i>Biomass and Bioenergy</i> , 2017 , 107, 102-112	5.3	16