J Rene Villalobos

List of Publications by Year
in descending order

		840776	677142
25	1,367	11	22
papers	citations	h-index	g-index
25	25	25	990
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	An Operational Planning Model to Support First Mile Logistics for Small Fresh-Produce Growers. Communications in Computer and Information Science, 2021, , 205-219.	0.5	2
2	A stochastic planning framework for the discovery of complementary, agricultural systems. European Journal of Operational Research, 2020, 280, 707-729.	5.7	23
3	Research directions in technology development to support real-time decisions of fresh produce logistics: A review and research agenda. Computers and Electronics in Agriculture, 2019, 167, 105092.	7.7	35
4	Decision support models for fresh fruits and vegetables supply chain management. , 2019, , 317-337.		3
5	Use of supply chain planning tools for efficiently placing small farmers into high-value, vegetable markets. Computers and Electronics in Agriculture, 2019, 157, 205-217.	7.7	38
6	A modeling framework for the strategic design of local fresh-food systems. Agricultural Systems, 2018, 161, 1-15.	6.1	33
7	Alleviating food disparities with mobile retailers: Dissecting the problem from an OR perspective. Computers and Industrial Engineering, 2016, 91, 154-164.	6.3	10
8	Robust efficiency measures for linear knapsack problem variants. European Journal of Operational Research, 2016, 254, 398-409.	5.7	9
9	Coordination of perishable crop production using auction mechanisms. Agricultural Systems, 2015, 138, 18-30.	6.1	24
10	Planning the Planting, Harvest, and Distribution of Fresh Horticultural Products. Profiles in Operations Research, 2015, , 19-54.	0.4	3
11	Using market intelligence for the opportunistic shipping of fresh produce. International Journal of Production Economics, 2013, 142, 89-97.	8.9	6
12	Planning models for floriculture operations. International Journal of Applied Management Science, 2012, 4, 148.	0.2	2
13	Tactical planning of the production and distribution of fresh agricultural products under uncertainty. Agricultural Systems, 2012, 112, 17-26.	6.1	115
14	A multi-objective optimization primary planning model for a POE (Port-of-Entry) inspection. Journal of Transportation Security, 2012, 5, 217-237.	1.4	7
15	A tactical model for planning the production andÂdistribution of fresh produce. Annals of Operations Research, 2011, 190, 339-358.	4.1	141
16	The use of dynamic work sharing production methods to reduce the impact of labour turnover in serial assembly lines. International Journal of Manufacturing Technology and Management, 2011, 23, 34.	0.1	8
17	Operational model for planning the harvest and distribution of perishable agricultural products. International Journal of Production Economics, 2011, 133, 677-687.	8.9	169
18	Application of planning models in the agri-food supply chain: A review. European Journal of Operational Research, 2009, 196, 1-20.	5.7	674

#	Article	IF	Citations
19	Corrective maintenance through dynamic work allocation and pre-emption: case study and application. International Journal of Production Research, 2009, 47, 3539-3557.	7.5	11
20	Automated Refinement of Automated Visual Inspection Algorithms. IEEE Transactions on Automation Science and Engineering, 2009, 6, 514-524.	5.2	13
21	A feature selection method for Automated Visual Inspection systems. , 2008, , .		1
22	Development of a Methodological Framework for the Self Reconfiguration of Automated Visual Inspection Systems. Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on, 2007, , .	0.0	5
23	Automated Feature Selection Methodology for Reconfigurable Automated Visual Inspection Systems. , 2007, , .		3
24	Vector classification of SMD images. Journal of Manufacturing Systems, 2003, 22, 265-282.	13.9	8
25	Work allocation strategies for serial assembly lines under high labour turnover. International Journal of Production Research, 2002, 40, 1835-1852.	7.5	24