J Rene Villalobos

List of Publications by Year in descending order

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

#	Article	IF	Citations
1	Application of planning models in the agri-food supply chain: A review. European Journal of Operational Research, 2009, 196, 1-20.	5.7	674
2	Operational model for planning the harvest and distribution of perishable agricultural products. International Journal of Production Economics, 2011, 133, 677-687.	8.9	169
3	A tactical model for planning the production andÂdistribution of fresh produce. Annals of Operations Research, 2011, 190, 339-358.	4.1	141
4	Tactical planning of the production and distribution of fresh agricultural products under uncertainty. Agricultural Systems, 2012, 112, 17-26.	6.1	115
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	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
7	A modeling framework for the strategic design of local fresh-food systems. Agricultural Systems, 2018, 161, 1-15.	6.1	33
8	Work allocation strategies for serial assembly lines under high labour turnover. International Journal of Production Research, 2002, 40, 1835-1852.	7.5	24
9	Coordination of perishable crop production using auction mechanisms. Agricultural Systems, 2015, 138, 18-30.	6.1	24
10	A stochastic planning framework for the discovery of complementary, agricultural systems. European Journal of Operational Research, 2020, 280, 707-729.	5.7	23
11	Automated Refinement of Automated Visual Inspection Algorithms. IEEE Transactions on Automation Science and Engineering, 2009, 6, 514-524.	5.2	13
12	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
13	Alleviating food disparities with mobile retailers: Dissecting the problem from an OR perspective. Computers and Industrial Engineering, 2016, 91, 154-164.	6.3	10
14	Robust efficiency measures for linear knapsack problem variants. European Journal of Operational Research, 2016, 254, 398-409.	5.7	9
15	Vector classification of SMD images. Journal of Manufacturing Systems, 2003, 22, 265-282.	13.9	8
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	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
18	Using market intelligence for the opportunistic shipping of fresh produce. International Journal of Production Economics, 2013, 142, 89-97.	8.9	6

#	Article	IF	Citations
19	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
20	Automated Feature Selection Methodology for Reconfigurable Automated Visual Inspection Systems. , 2007, , .		3
21	Planning the Planting, Harvest, and Distribution of Fresh Horticultural Products. Profiles in Operations Research, 2015, , 19-54.	0.4	3
22	Decision support models for fresh fruits and vegetables supply chain management. , 2019, , 317-337.		3
23	Planning models for floriculture operations. International Journal of Applied Management Science, 2012, 4, 148.	0.2	2
24	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
25	A feature selection method for Automated Visual Inspection systems. , 2008, , .		1