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List of Publications by Year in descending order

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53
papers

1,889
citations

430874

18
h-index

265206

42
g-index

54
all docs

54
docs citations

54
times ranked

1361
citing authors

#	ARTICLE	IF	CITATIONS
1	The strategic design of port services based on a total landed cost approach. <i>International Journal of Logistics Management</i> , 2021, 32, 96-120.	6.6	1
2	An Operational Planning Model to Support First Mile Logistics for Small Fresh-Produce Growers. <i>Communications in Computer and Information Science</i> , 2021, , 205-219.	0.5	2
3	A stochastic planning framework for the discovery of complementary, agricultural systems. <i>European Journal of Operational Research</i> , 2020, 280, 707-729.	5.7	23
4	A Decision Support System for Planning New Products Introductions in Fresh Produce Supply Chains. <i>Cuadernos De Administracion</i> , 2020, 33, .	0.4	1
5	Research directions in technology development to support real-time decisions of fresh produce logistics: A review and research agenda. <i>Computers and Electronics in Agriculture</i> , 2019, 167, 105092.	7.7	35
6	Decision support models for fresh fruits and vegetables supply chain management. , 2019, , 317-337.		3
7	Use of supply chain planning tools for efficiently placing small farmers into high-value, vegetable markets. <i>Computers and Electronics in Agriculture</i> , 2019, 157, 205-217.	7.7	38
8	A modeling framework for the strategic design of local fresh-food systems. <i>Agricultural Systems</i> , 2018, 161, 1-15.	6.1	33
9	Energy and Exergy Analyses of Different Aluminum Reduction Technologies. <i>Sustainability</i> , 2018, 10, 1216.	3.2	14
10	Improvement of feedlot operations through statistical learning and business analytics tools. <i>Computers and Electronics in Agriculture</i> , 2017, 143, 273-285.	7.7	2
11	Alleviating food disparities with mobile retailers: Dissecting the problem from an OR perspective. <i>Computers and Industrial Engineering</i> , 2016, 91, 154-164.	6.3	10
12	Robust efficiency measures for linear knapsack problem variants. <i>European Journal of Operational Research</i> , 2016, 254, 398-409.	5.7	9
13	Coordination of perishable crop production using auction mechanisms. <i>Agricultural Systems</i> , 2015, 138, 18-30.	6.1	24
14	Planning the Planting, Harvest, and Distribution of Fresh Horticultural Products. <i>Profiles in Operations Research</i> , 2015, , 19-54.	0.4	3
15	Use of MIP for planning temporary immigrant farm labor force. <i>International Journal of Production Economics</i> , 2015, 170, 25-33.	8.9	15
16	Using market intelligence for the opportunistic shipping of fresh produce. <i>International Journal of Production Economics</i> , 2013, 142, 89-97.	8.9	6
17	Forecasting and Capacity Planning for Nogales Port of Entry. <i>Transportation Journal</i> , 2013, 52, 417-440.	0.7	1
18	Planning models for floriculture operations. <i>International Journal of Applied Management Science</i> , 2012, 4, 148.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Tactical planning of the production and distribution of fresh agricultural products under uncertainty. <i>Agricultural Systems</i> , 2012, 112, 17-26.	6.1	115
20	A multi-objective optimization primary planning model for a POE (Port-of-Entry) inspection. <i>Journal of Transportation Security</i> , 2012, 5, 217-237.	1.4	7
21	A tactical model for planning the production and distribution of fresh produce. <i>Annals of Operations Research</i> , 2011, 190, 339-358.	4.1	141
22	The use of dynamic work sharing production methods to reduce the impact of labour turnover in serial assembly lines. <i>International Journal of Manufacturing Technology and Management</i> , 2011, 23, 34.	0.1	8
23	Operational model for planning the harvest and distribution of perishable agricultural products. <i>International Journal of Production Economics</i> , 2011, 133, 677-687.	8.9	169
24	Assessing the relative efficiency of energy use among similar manufacturing industries. <i>International Journal of Energy Research</i> , 2011, 35, 477-488.	4.5	11
25	Energy and exergy utilizations of the U.S. manufacturing sector. <i>Energy</i> , 2010, 35, 3048-3065.	8.8	35
26	Application of planning models in the agri-food supply chain: A review. <i>European Journal of Operational Research</i> , 2009, 196, 1-20.	5.7	674
27	Corrective maintenance through dynamic work allocation and pre-emption: case study and application. <i>International Journal of Production Research</i> , 2009, 47, 3539-3557.	7.5	11
28	Automated Refinement of Automated Visual Inspection Algorithms. <i>IEEE Transactions on Automation Science and Engineering</i> , 2009, 6, 514-524.	5.2	13
29	A Novel Feature Selection Methodology for Automated Inspection Systems. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2009, 31, 1338-1344.	13.9	11
30	U.S. manufacturing aggregate energy intensity decomposition: The application of multivariate regression analysis. <i>International Journal of Energy Research</i> , 2008, 32, 91-106.	4.5	20
31	Modeling and forecasting the U.S. manufacturing aggregate energy intensity. <i>International Journal of Energy Research</i> , 2008, 32, 501-513.	4.5	11
32	A feature selection method for Automated Visual Inspection systems. , 2008, , .		1
33	Integrated decision-support system for diagnosis, maintenance planning, and scheduling of manufacturing systems. <i>International Journal of Production Research</i> , 2007, 45, 267-285.	7.5	41
34	Performance of serial assembly line designs under unequal operator speeds and learning. <i>International Journal of Production Research</i> , 2007, 45, 5355-5381.	7.5	24
35	Development of a Methodological Framework for the Self Reconfiguration of Automated Visual Inspection Systems. <i>Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on</i> , 2007, , .	0.0	5
36	Automated Feature Selection Methodology for Reconfigurable Automated Visual Inspection Systems. , 2007, , .		3

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37	An Automated Feature Selection Method for Visual Inspection Systems. IEEE Transactions on Automation Science and Engineering, 2006, 3, 394-406.	5.2	37
38	Using fixed and adaptive multivariate SPC charts for online SMD assembly monitoring. International Journal of Production Economics, 2005, 95, 109-121.	8.9	16
39	America West Airlines Develops Efficient Boarding Strategies. Interfaces, 2005, 35, 191-201.	1.5	101
40	Vector classification of SMD images. Journal of Manufacturing Systems, 2003, 22, 265-282.	13.9	8
41	Work allocation strategies for serial assembly lines under high labour turnover. International Journal of Production Research, 2002, 40, 1835-1852.	7.5	24
42	A three-dimensional automated visual inspection system for SMT assembly. Computers and Industrial Engineering, 2001, 40, 175-190.	6.3	35
43	Information-based inspection allocation for real-time inspection systems. Journal of Manufacturing Systems, 2001, 20, 13-22.	13.9	18
44	Evaluation of Just-In-Time alternatives in the electric wire-harness industry. International Journal of Production Research, 1997, 35, 1993-2008.	7.5	9
45	Effects of high labour turnover in a serial assembly environment. International Journal of Production Research, 1997, 35, 3201-3224.	7.5	32
46	Three dimensional automated visual inspection of surface mounted devices. Computers and Industrial Engineering, 1997, 33, 365-368.	6.3	7
47	FLEXIBLE INSPECTION SYSTEMS FOR SERIAL MULTI-STAGE PRODUCTION SYSTEMS. IIE Transactions, 1993, 25, 16-26.	2.1	23
48	Process capability of automated visual inspection systems. IEEE Transactions on Systems, Man, and Cybernetics, 1992, 22, 441-448.	0.9	20
49	A simple statistic for the detection of missing components on PCBs. Computers and Industrial Engineering, 1991, 21, 339-342.	6.3	0
50	Some results from a model of dynamic inspection allocation. Computers and Industrial Engineering, 1991, 21, 355-358.	6.3	4
51	Automated visual inspection: A tutorial. Computers and Industrial Engineering, 1990, 18, 493-504.	6.3	8
52	Automated visual inspection of bare printed circuit boards. Computers and Industrial Engineering, 1990, 18, 505-509.	6.3	16
53	Flexible Inspection within an Aggregated Information Environment. Computers and Industrial Engineering, 1990, 19, 224-228.	6.3	9