

# Hendrik Rg Van Landeghem

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,147  
citations

331538

21  
h-index

289141

40  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1843  
citing authors

#	ARTICLE	IF	CITATIONS
1	The State of the Art of Nurse Rostering. <i>Journal of Scheduling</i> , 2004, 7, 441-499.	1.3	666
2	Robust planning: a new paradigm for demand chain planning. <i>Journal of Operations Management</i> , 2002, 20, 769-783.	3.3	164
3	Analysing the effects of Lean manufacturing using a value stream mapping-based simulation generator. <i>International Journal of Production Research</i> , 2007, 45, 3037-3058.	4.9	143
4	Reducing passenger boarding time in airplanes: A simulation based approach. <i>European Journal of Operational Research</i> , 2002, 142, 294-308.	3.5	134
5	Modeling inventory routing problems in supply chains of high consumption products. <i>European Journal of Operational Research</i> , 2006, 169, 1048-1063.	3.5	113
6	Optimising part feeding in the automotive assembly industry: deciding between kitting and line stocking. <i>International Journal of Production Research</i> , 2012, 50, 4046-4060.	4.9	103
7	A method to align a manufacturing execution system with Lean objectives. <i>International Journal of Production Research</i> , 2011, 49, 4397-4413.	4.9	90
8	Rules for integrating fast changeover capabilities into new equipment design. <i>Robotics and Computer-Integrated Manufacturing</i> , 2002, 18, 205-214.	6.1	64
9	Benchmarking of logistical operations based on a causal model. <i>International Journal of Operations and Production Management</i> , 2001, 21, 254-267.	3.5	52
10	An Evolutionary Algorithm and discrete event simulation for optimizing inspection strategies for multi-stage processes. <i>European Journal of Operational Research</i> , 2007, 179, 621-633.	3.5	48
11	A decision model for kitting and line stocking with variable operator walking distances. <i>Assembly Automation</i> , 2015, 35, 47-56.	1.0	46
12	Rethinking IT governance for SMEs. <i>Industrial Management and Data Systems</i> , 2012, 112, 206-223.	2.2	42
13	A bi-criteria heuristic for the vehicle routing problem with time windows. <i>European Journal of Operational Research</i> , 1988, 36, 217-226.	3.5	41
14	The evaluation of an elementary virtual training system for manual assembly. <i>International Journal of Production Research</i> , 2017, 55, 7496-7508.	4.9	38
15	Automated work cycle classification and performance measurement for manual work stations. <i>Robotics and Computer-Integrated Manufacturing</i> , 2018, 51, 139-157.	6.1	38
16	Impact of Lean Production on Perceived Job Autonomy and Job Satisfaction: An Experimental Study. <i>Human Factors and Ergonomics in Manufacturing</i> , 2016, 26, 159-176.	1.4	37
17	Measuring complexity in mixed-model assembly workstations. <i>International Journal of Production Research</i> , 2013, 51, 4630-4643.	4.9	35
18	Safety stock placement problem in capacitated supply chains. <i>International Journal of Production Research</i> , 2008, 46, 4709-4727.	4.9	34

#	ARTICLE	IF	CITATIONS
19	Framework for Evaluating Cognitive Support in Mixed Model Assembly Systems. IFAC-PapersOnLine, 2015, 48, 924-929.	0.5	32
20	Evaluating the performance of a discrete manufacturing process using RFID: A case study. Robotics and Computer-Integrated Manufacturing, 2013, 29, 502-512.	6.1	29
21	An integrated model for inventory and production planning in a two-stage hybrid production system. International Journal of Production Research, 2002, 40, 4323-4339.	4.9	24
22	Implementation of concurrent engineering: a survey in Italy and Belgium. Robotics and Computer-Integrated Manufacturing, 2003, 19, 225-238.	6.1	23
23	Comparing quantifiable methods to measure complexity in assembly. International Journal of Manufacturing Research, 2014, 9, 112.	0.1	21
24	A quantitative approach for scheduling activities to reduce set-up in multiple machine lines. European Journal of Operational Research, 2008, 187, 1224-1237.	3.5	15
25	An application of cyclical master production scheduling in a multi-stage, multi-product environment. Production Planning and Control, 2005, 16, 796-809.	5.8	14
26	Implementation of S-DBR in four manufacturing SMEs: a research case study. Production Planning and Control, 2015, 26, 1110-1127.	5.8	12
27	Generic Model for Managing Context-Aware Assembly Instructions. IFAC-PapersOnLine, 2016, 49, 1181-1186.	0.5	11
28	The Theory of the Lemon Markets in IS Research. Integrated Series on Information Systems, 2012, , 213-229.	0.1	10
29	Implementing a near-optimal solution for the multi-stage, multi-product capacitated lot-sizing problem by rolling out a cyclical production plan. International Journal of Production Economics, 2008, 112, 121-137.	5.1	9
30	IT Governance in SMEs: Trust or Control?. IFIP Advances in Information and Communication Technology, 2009, , 135-149.	0.5	7
31	Evaluation Framework for Virtual Training within Mixed-Model Manual Assembly. IFAC-PapersOnLine, 2016, 49, 261-266.	0.5	7
32	Determinants of job satisfaction in a lean environment. International Journal of Lean Six Sigma, 2017, 8, 134-152.	2.4	7
33	A Management System for Sustainable Lean Implementation. Advances in Logistics, Operations, and Management Science Book Series, 2014, , 173-187.	0.3	7
34	Modeling of discrete event systems. ACM Transactions on Modeling and Computer Simulation, 2004, 14, 389-423.	0.6	5
35	Ontological Model for Managing Context-aware Assembly Instructions. IFAC-PapersOnLine, 2018, 51, 176-181.	0.5	5
36	Option analysis: Making better decision faster. European Journal of Operational Research, 1989, 38, 318-328.	3.5	3

#	ARTICLE	IF	CITATIONS
37	Cyclical volume planning and fair share mix decisions, delivering a more robust service level. Production Planning and Control, 2008, 19, 668-676.	5.8	2
38	The combined adoption of production it and strategic initiatives - Initial considerations for a Lean MES analysis. , 2009, , .		2
39	Balancing Mixed-Model Assembly Lines in Real World Complex Workstations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1714-1719.	0.4	2
40	Average Track Estimation of Moving Objects Using RANSAC and DTW. , 2014, , .		2
41	An Automated Work Cycle Classification and Disturbance Detection Tool for Assembly Line Work Stations. , 2014, , .		2
42	Countering the forgetting effect in mixed-model manual assembly. IFAC-PapersOnLine, 2018, 51, 856-861.	0.5	2
43	Using Data Envelopment Analysis to benchmark logistic performance in Belgian manufacturing companies. , 2009, , .		1
44	Theoretical Foundations for Information Systems Success in Small- and Medium-Sized Enterprises. , 2012, , 80-100.		1
45	Chapter four Complexity issues in mass customized manufacturing. , 2016, , 55-90.		1
46	Theoretical Foundations for Information Systems Success in Small- and Medium-Sized Enterprises. , 0, , 26-45.		1
47	A Knowledge Discovery Method to Predict the Economical Sustainability of a Company. Concurrent Engineering Research and Applications, 2006, 14, 293-303.	2.0	0
48	Migrating the fair share algorithm from a distribution to a production planning environment. Robotics and Computer-Integrated Manufacturing, 2008, 24, 553-561.	6.1	0
49	Pharmaceutical Distribution Network. , 2009, , 49-64.		0
50	Effect of ERP Implementation on the Company Efficiency â€“ A Macedonian CASE. Lecture Notes in Business Information Processing, 2013, , 198-205.	0.8	0