Jan B HolmstrÃ¶m

List of Publications by Year
in descending order

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121	6,682	76294	66879
papers	citations	40 h-index	78 g-index

121	121	121	4074
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Additive manufacturing in the spare parts supply chain. Computers in Industry, 2014, 65, 50-63.	5.7	526
2	Supply Chain Collaboration:. European Management Journal, 2005, 23, 170-181.	3.1	500
3	Intelligent Products: A survey. Computers in Industry, 2009, 60, 137-148.	5.7	436
4	Bridging Practice and Theory: A Design Science Approach. Decision Sciences, 2009, 40, 65-87.	3.2	398
5	Rapid manufacturing in the spare parts supply chain. Journal of Manufacturing Technology Management, 2010, 21, 687-697.	3.3	336
6	Digital Twin: Vision, Benefits, Boundaries, and Creation for Buildings. IEEE Access, 2019, 7, 147406-147419.	2.6	274
7	Digital manufacturing-driven transformations of service supply chains for complex products. Supply Chain Management, 2014, 19, 421-430.	3.7	209
8	The direct digital manufacturing (r)evolution: definition of a research agenda. Operations Management Research, 2016, 9, 1-10.	5.0	174
9	Intelligent productsâ€"a step towards a more effective project delivery chain. Computers in Industry, 2003, 50, 141-151.	5.7	170
10	Solving the last mile issue: reception box or delivery box?. International Journal of Physical Distribution and Logistics Management, 2001, 31, 427-439.	4.4	167
11	The digitalization of operations and supply chain management: Theoretical and methodological implications. Journal of Operations Management, 2019, 65, 728-734.	3.3	155
12	Wireless product identification: enabler for handling efficiency, customisation and information sharing. Supply Chain Management, 2002, 7, 242-252.	3.7	143
13	The impact of increasing demand visibility on production and inventory control efficiency. International Journal of Physical Distribution and Logistics Management, 2003, 33, 336-354.	4.4	127
14	Collaborative planning forecasting and replenishment: new solutions needed for mass collaboration. Supply Chain Management, 2002, 7, 136-145.	3.7	121
15	Business process innovation in the supply chain â€“ a case study of implementing vendor managed inventory. Journal of Purchasing and Supply Management, 1998, 4, 127-131.	1.1	103
16	VMI: What are you losing if you let your customer place orders?. Production Planning and Control, 2002, 13, 17-25.	5.8	102
17	A manufacturer moving upstream: triadic collaboration for service delivery. Supply Chain Management, 2013, 18, 21-33.	3.7	98
18	Mapping, analyzing and designing innovation ecosystems: The Ecosystem Pie Model. Long Range Planning, 2020, 53, 101850.	2.9	95

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19	Reversed servitization paths: a case analysis of two manufacturers. Service Business, 2013, 7, 513-537.	2.2	94
20	Viewpoint: reaching the consumer through eâ€grocery VMI. International Journal of Retail and Distribution Management, 2000, 28, 55-61.	2.7	82
21	Sustainable PLM through Intelligent Products. Engineering Applications of Artificial Intelligence, 2013, 26, 789-799.	4.3	82
22	The reception box impact on home delivery efficiency in the eâ€grocery business. International Journal of Physical Distribution and Logistics Management, 2001, 31, 414-426.	4.4	80
23	Sustainability outcomes through direct digital manufacturing-based operational practices: A design theory approach. Journal of Cleaner Production, 2017, 167, 951-961.	4.6	78
24	Product range management: a case study of supply chain operations in the European grocery industry. Supply Chain Management, 1997, 2, 107-115.	3.7	72
25	Using Value Reengineering to Implement Breakthrough Solutions for Customers. International Journal of Logistics Management, 1999, 10, 1-12.	4.1	70
26	Information sharing for sales and operations planning: Contextualized solutions and mechanisms. Journal of Operations Management, 2017, 52, 15-29.	3.3	69
27	How to design the right supply chains for your customers. Supply Chain Management, 2009, 14, 411-417.	3.7	67
28	Agent-based model for managing composite product information. Computers in Industry, 2006, 57, 72-81.	5.7	63
29	The way to profitable Internet grocery retailing â€“ six lessons learned. International Journal of Retail and Distribution Management, 2002, 30, 169-178.	2.7	62
30	Economies of collaboration in buildâ€toâ€model operations. Journal of Operations Management, 2019, 65, 753-773.	3.3	62
31	Future of supply chain planning: closing the gaps between practice and promise. International Journal of Physical Distribution and Logistics Management, 2016, 46, 62-81.	4.4	57
32	Additive manufacturing in the spare parts supply chain: hub configuration and technology maturity. Rapid Prototyping Journal, 2018, 24, 1178-1192.	1.6	52
33	The uses of tracking in operations management: Synthesis of a research program. International Journal of Production Economics, 2010, 126, 267-275.	5.1	50
34	Risk reduction in new product launch: A hybrid approach combining direct digital and tool-based manufacturing. Computers in Industry, 2015, 74, 29-42.	5.7	48
35	Comparing providerâ€customer constellations of visibilityâ€based service. Journal of Service Management, 2010, 21, 675-692.	4.4	47
36	Design patterns for managing product life cycle information. Communications of the ACM, 2007, 50, 75-79.	3.3	46

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37	Additive Manufacturing in Operations and Supply Chain Management: No Sustainability Benefit or Virtuous Knockâ€On Opportunities?. Journal of Industrial Ecology, 2017, 21, S21.	2.8	46
38	Direct digital construction: Technology-based operations management practice for continuous improvement of construction industry performance. Automation in Construction, 2019, 107, 102910.	4.8	46
39	Patterns of vendorâ€managed inventory: findings from a multipleâ€case study. International Journal of Operations and Production Management, 2009, 29, 1109-1139.	3.5	43
40	New Service Opportunities in the Eâ€grocery Business. International Journal of Logistics Management, 2000, 11, 61-74.	4.1	41
41	Costâ€effectiveness in the eâ€grocery business. International Journal of Retail and Distribution Management, 2001, 29, 41-48.	2.7	41
42	Roadmap to tracking based business and intelligent products. Computers in Industry, 2009, 60, 229-233.	5.7	41
43	Selecting the right planning approach for a product. Supply Chain Management, 2007, 12, 3-13.	3.7	40
44	Benefits of an item-centric enterprise-data model in logistics services: A case study. Computers in Industry, 2007, 58, 814-822.	5.7	39
45	Improving home care: Knowledge creation through engagement and design. Journal of Operations Management, 2017, 53-56, 9-22.	3.3	39
46	Needs and technology adoption: observation from BIM experience. Engineering, Construction and Architectural Management, 2015, 22, 128-150.	1.8	37
47	Effects of combining product-centric control and direct digital manufacturing: The case of preparing customized hose assembly kits. Computers in Industry, 2016, 82, 82-94.	5.7	35
48	Productivity improvement in heart surgery â€“ a case study on care process development. Production Planning and Control, 2004, 15, 238-246.	5.8	33
49	Vendorâ€managedâ€inventory (VMI) in construction. International Journal of Productivity and Performance Management, 2008, 58, 29-40.	2.2	33
50	An IoT-based automation system for older homes: a use case for lighting system. , 2018, , .		29
51	Implementing Collaboration Process Networks. International Journal of Logistics Management, 2002, 13, 39-50.	4.1	27
52	Increasing customer value and decreasing distribution costs with mergeâ€inâ€transit. International Journal of Physical Distribution and Logistics Management, 2003, 33, 132-148.	4.4	25
53	Guest editorial: Five steps towards exploring the future of operations management. Operations Management Research, 2012, 5, 37-42.	5.0	25
54	To kit or not to kit: Analysing the value of model-based kitting for additive manufacturing. Computers in Industry, 2018, 98, 100-117.	5.7	25

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55	Generative Mechanisms of the Adoption of Logistics Innovation: The Case of Onâ€site Shops in Construction Supply Chains. Journal of Business Logistics, 2015, 36, 139-159.	7.0	24
56	Supply chain typology for configuring cost-efficient tracking in fashion logistics. International Journal of Logistics Management, 2015, 26, 42-60.	4.1	24
57	BIM as Infrastructure in a Finnish HVAC Actor Network: Enabling Adoption, Reuse, and Recombination over a Building Life Cycle and between Projects. Journal of Management in Engineering - ASCE, 2015, 31, .	2.6	24
58	Managing product introductions across the supply chain: findings from a development project. Supply Chain Management, 2006, 11, 121-130.	3.7	23
59	Design for speed: a supply chain perspective on design for manufacturability. Computer Integrated Manufacturing Systems, 1995, 8, 223-228.	0.1	22
60	The effect of demand visibility in product introductions. International Journal of Physical Distribution and Logistics Management, 2005, 35, 101-115.	4.4	22
61	In-transit services and hybrid shipment control: The use of smart goods in transportation networks. Transportation Research Part C: Emerging Technologies, 2013, 36, 231-244.	3.9	22
62	Measuring service outcomes for adaptive preventive maintenance. International Journal of Production Economics, 2015, 170, 457-467.	5.1	22
63	The other end of the Supply Chain. Supply Chain Forum, 2001, 2, 22-25.	2.7	21
64	Enhancing fieldâ€service delivery: the role of information. Journal of Quality in Maintenance Engineering, 2012, 18, 125-140.	1.0	21
65	RFID tracking in the book supply chain: the transition from postponed to speculative tagging. International Journal of Logistics Research and Applications, 2012, 15, 199-214.	5.6	21
66	The efficiency potential of ICT in haulier operations. Computers in Industry, 2014, 65, 1161-1168.	5.7	21
67	Designing an organizational system for economically sustainable demand-side management in district heating and cooling. Journal of Cleaner Production, 2019, 219, 433-442.	4.6	21
68	Evaluating the Applicability of Mergeâ€inâ€transit. International Journal of Logistics Management, 2003, 14, 67-82.	4.1	20
69	Additive Manufacturing for Localized Medical Parts Production: A Case Study. IEEE Access, 2021, 9, 25818-25834.	2.6	20
70	Selective laser melting raw material commoditization: impact on comparative competitiveness of additive manufacturing. International Journal of Production Research, 2018, 56, 4874-4896.	4.9	19
71	Information and communication technology driven business transformation â€" a call for research. Computers in Industry, 2001, 44, 263-282.	5.7	17
72	Additive Manufacturing in the Construction Industry: The Comparative Competitiveness of 3D Concrete Printing. Applied Sciences (Switzerland), 2021, 11, 3865.	1.3	17

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73	Site inventory tracking in the project supply chain: problem description and solution proposal in a very large telecom project. Supply Chain Management, 2010, 15, 252-260.	3.7	16
74	Item dwell time in project inventories: A field experiment. Computers in Industry, 2011, 62, 99-106.	5.7	15
75	Aligning organisational interests in designing rail-wagon tracking. Operations Management Research, 2012, 5, 101-115.	5.0	15
76	The relationship between speed and productivity in industry networks: A study of industrial statistics. International Journal of Production Economics, 1994, 34, 91-97.	5.1	14
77	Is justâ€inâ€time applicable in paper industry logistics?. Supply Chain Management, 1998, 3, 21-32.	3.7	14
78	Demandâ€supply chain representation. Journal of Manufacturing Technology Management, 2010, 21, 376-387.	3.3	14
79	Exploring the performance effects of performance measurement system use in maintenance process. Journal of Quality in Maintenance Engineering, 2014, 20, 377-401.	1.0	14
80	[WiP] A Novel Method for Big Data Analytics and Summarization Based on Fuzzy Similarity Measure. , 2018, , .		14
81	Speed and efficiency â€" a statistical enquiry of manufacturing industries. International Journal of Production Economics, 1995, 39, 185-191.	5.1	12
82	Monitoring new product introductions with sellâ€through data from channel partners. Supply Chain Management, 2004, 9, 209-212.	3.7	12
83	Measuring the benefit of changing the value offering in grocery supply chains. Production Planning and Control, 2007, 18, 131-141.	5.8	12
84	Implementing inventory transparency to temporary storage locations. International Journal of Managing Projects in Business, 2010, 3, 292-306.	1.3	12
85	Multi-ontology topology of the strategic landscape in three practical cases. Technological Forecasting and Social Change, 2010, 77, 1519-1526.	6.2	11
86	Technological Theory of Cloud Manufacturing. Studies in Computational Intelligence, 2016, , 267-276.	0.7	11
87	Kitting Logistics Solution for Improving On-Site Work Performance in Construction Projects. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	11
88	Handling product range complexity A case study on reâ€engineering demand forecasting. Business Process Management Journal, 1998, 4, 241-258.	2.4	10
89	The dynamics of consumer response A quest for the attractors of supply chain demand. International Journal of Operations and Production Management, 1999, 19, 993-1010.	3.5	10
90	Frontlog scheduling in aircraft line maintenance: From explorative solution design to theoretical insight into buffer management. Journal of Operations Management, 2021, 67, 120-151.	3.3	10

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91	Collaborative tracking and tracing: the value of a composite design. International Journal of Logistics Management, 2014, 25, 522-536.	4.1	9
92	Collaborative Supply Chain Configurations: The Implications for Supplier Performance in Production and Inventory Control. , 2016, , 27-37.		9
93	Logic for accumulation of design science research theory. , 2014, , .		8
94	Blockchain-based deployment of product-centric information systems. Computers in Industry, 2021, 125, 103342.	5.7	8
95	Reducing retail supply chain costs of product returns using digital product fitting. International Journal of Physical Distribution and Logistics Management, 2021, 51, 877-896.	4.4	8
96	A Digital Twin for Safety and Risk Management: A Prototype for a Hydrogen High-Pressure Vessel. Lecture Notes in Computer Science, 2020, , 369-375.	1.0	7
97	Constraints to quick response systems in the implosive industries. Supply Chain Management, 1999, 4, 51-57.	3.7	6
98	Manufacturing Digitalization and Its Effects on Production Planning and Control Practices. IFIP Advances in Information and Communication Technology, 2015, , 179-185.	0.5	6
99	Rough modelling of logistics networks. Journal of Manufacturing Technology Management, 1995, 6, 13-20.	0.5	5
100	Examples of production dynamics control for cost efficiency. International Journal of Production Economics, 1997, 48, 109-119.	5.1	5
101	Digital product fitting in retail supply chains: maturity levels and potential outcomes. Supply Chain Management, 2019, ahead-of-print, .	3.7	5
102	Crowdsourcing Properties and Mechanisms of Mega Hackathons: The Case of Junction. IEEE Transactions on Engineering Management, 2023, 70, 3021-3035.	2.4	5
103	Productivity reconsidered: Critical assessment of investments. International Journal of Production Economics, 1998, 56-57, 133-144.	5.1	4
104	Differences in adoption of global spare parts management in autonomous service units. Journal of Quality in Maintenance Engineering, 2017, 23, 370-382.	1.0	4
105	IoT-Enabled Workplaces: A Case Study of Energy Management and Data Analytics. , 2019, , .		4
106	High-frequency forecasting for grocery point-of-sales: intervention in practice and theoretical implications for operational design. Operations Management Research, 2021, 14, 38-60.	5.0	4
107	Additive Manufacturing as an Enabler of Digital Spare Parts. , 2020, , 45-60.		4
108	Production Capacity Pooling in Additive Manufacturing, Possibilities and Challenges. IFIP Advances in Information and Communication Technology, 2017, , 501-508.	0.5	2

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109	Product Centric Integration:Exploring The Impact Of RFID And Agent Technology On Supply Chain Management. , 2006, , 565-572.		2
110	Defining the Maturity Levels for Implementing Industrial Logistics Practices in Construction. Frontiers in Built Environment, 2022, 7, .	1.2	2
111	Computer support for continuous improvements. Production Planning and Control, 1994, 5, 206-212.	5.8	1
112	A Distributed Software for Collaborative Sales Forecasting. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 109-112.	0.4	1
113	Incremental Accumulation of Information Systems Design Theory. , 2021, , 151-172.		1
114	Business Process Management Systems â€“ Enabling Continuous Improvement in Industrial Services. International Federation for Information Processing, 2010, , 636-643.	0.4	1
115	Product Centric Organization of After-Sales Supply Chain Planning and Control. , 2010, , 187-198.		1
116	Instance-Informed Information Systems: A Pre-requisite for Energy-Efficient and Green Information Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 174-185.	0.2	1
117	Game-based learning in an Industrial Service Operations Management Course. , 0, , .		1
118	Solution framework proposal: taking effective control over the project delivery chain with automatic identification and agentâ€based solutions. Assembly Automation, 2005, 25, 59-65.	1.0	0
119	Open-Source Demo System to Support Automated Identification and Tracking Workshops. , 2007, , .		0
120	Simulation of in-transit services in tracked delivery of project supply chains: A case of telecom industry. , 2016, , .		0
121	Service Levels in Make-to-Order Production: 3D Printing Applications. , 2020, , 61-75.		0