Jacobsen, Peter
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Management Science
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Operations Management

Publications:

**Benchmarking healthcare logistics processes: a comparative case study of Danish and US hospitals**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**How the reverse supply chain contributes to a firm’s competitive strategy: a strategic alignment perspective**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**How the reverse supply chain impacts the financial performance of original equipment manufacturers**
Publication: Research › Ph.D. thesis – Annual report year: 2017

**Improving Healthcare Logistics Processes**
Publication: Research › Ph.D. thesis – Annual report year: 2017

**On the Circular Supply Chain's Impact on Revenue Growth for Manufacturers of Assembled Industrial Products – a Conceptual Development Approach**
Larsen, S., Knudby, T., van Wonterghem, J. & Jacobsen, P. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

**Complexity management in the food industry**
Herbert-Hansen, Z. N. L. & Jacobsen, P. 2016 In : Journal of Academic Research in Economics. 8, 3
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Food production viewed through the lenses of industry 4.0**
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

**Interactive Foresight Simulation**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Revenue in reverse? An examination of reverse supply chain enabled revenue streams**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Supply reliability and dynamic safety analysis of an alternative energy supply chain**
The profit potential in reverse supply chain functions for catalyst manufacturers
Publication: Research - peer-review › Paper – Annual report year: 2016

Using the Analytic Network Process (ANP) to assess the distribution of pharmaceuticals in hospitals – a comparative case study of a Danish and American hospital
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Development of a Generic Performance Measurement Model in an Emergency Department
Publication: Research › Ph.D. thesis – Annual report year: 2015

How the reverse supply chain enables original equipment manufacturers to compete on low price
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Measuring process performance within healthcare logistics - a decision tool for selecting measuring technologies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Measuring process performance within healthcare logistics - a decision tool for selecting track and trace technologies
Publication: Research - peer-review › Journal article – Annual report year: 2016

Operations management in the baking industry: A case study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Optimal Sceduling of Stochastic Production Processes Through Model Checking
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Profits in reverse? An examination of the decisive factors for reverse supply chain profitability
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Relations between decision indicators for implementing technology in healthcare logistics – a bed logistics case study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

The decisive factors for profitability in direct reuse of polystyrene packaging materials
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
The decisive factors for profitability in direct reuse of polystyrene packaging materials
Larsen, S. & Jacobsen, P. 2015
Publication: Research - peer-review › Poster – Annual report year: 2015

The profitability drivers in packaging materials reuse for manufacturers in business to business environments
Larsen, S., Deleuran, B. & Jacobsen, P. 2015
Publication: Research - peer-review › Paper – Annual report year: 2015

Waste management in food production
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Addressing production stops in the food industry
Publication: Research - peer-review › Journal article – Annual report year: 2014

Advancing the use of performance evaluation in health care
Publication: Research - peer-review › Journal article – Annual report year: 2013

An integrated performance measurement model for emergency department assessment
Publication: Research › Poster – Annual report year: 2014

Automated evolutionary restructuring of workflows to minimise errors via stochastic model checking
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

CSA as a Facilitative Foresight Tool
Hansen, M. S., Rasmussen, L. B. & Jacobsen, P. 2014
Publication: Research › Poster – Annual report year: 2014

Determining the total cost of reverse supply chain operations for original equipment manufacturers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Evolutionary optimisation of production materials workflow processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Evolutionary optimization of production materials workflow processes
Publication: Research - peer-review › Conference article – Annual report year: 2014

How manufacturers can use their reverse supply chain: a typology of reverse supply chain roles
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014
Increasing efficiency in the production process: A case study from the Baked Goods industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Increasing productivity based on quality management: Baked goods sector example: Increasing productivity based on quality management: Baked goods sector example
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Patient Safety and Satisfaction Drivers in Emergency Departments Re-visited - An Empirical Analysis using Structural Equation Modeling
Publication: Research - peer-review › Journal article – Annual report year: 2013

Returlogistik - Fremtidens profitcenter
Publication: Communication › Journal article – Annual report year: 2014

SBAT. A stochastic BPMN analysis tool
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

SBOAT: A Stochastic BPMN Analysis and Optimisation Tool
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Tradeoffs between alleviating emergency department crowding and return visits
Publication: Research › Poster – Annual report year: 2014

Using quantitative stochastic model checking tool to increase safety and improve efficiency in production processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

A literature review analysing endorsed performance and quality-in-care measures for emergency department assessment
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2013

A Literature Review Analysing Endorsed Performance and Quality-In-Care Measures for Emergency Department Assessment
Serup, C. M., Jacobsen, P. & Forberg, J. L. 2013
Publication: Research - peer-review › Poster – Annual report year: 2014

Application of Structural Equation Modeling to determine Emergency Department patient satisfaction drivers
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2013
Application of Structural Equation Modeling to Determine Emergency Department Patient Satisfaction Drivers
Sørup, C. M. & Jacobsen, P. 2013
Publication: Research - peer-review › Poster – Annual report year: 2014

Challenges facing the food industry: Examples from the baked goods sector
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Evaluation of emergency department performance: A systematic review on recommended performance and quality-in-care measures
Publication: Research - peer-review › Review – Annual report year: 2013

Healthcare performance turned into decision support
Sørup, C. M. & Jacobsen, P. 2013 In : Journal of Health, Organization and Management. 27, 1, p. 64-84
Publication: Research - peer-review › Journal article – Annual report year: 2013

Identifying the potential of changes to blood sample logistics using simulation
Publication: Research - peer-review › Journal article – Annual report year: 2013

Interactive simulation of technology management foresight
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Optimal scheduling of complex processes through stochastic model checking: An example from the baked goods industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

"Social capital" can help to fight absenteeism
Publication: Communication › Internet publication – Annual report year: 2013

Technology in health care logistics
Publication: Research › Ph.D. thesis – Annual report year: 2013

The inSPIRe initiative: A public-private forum for operations management research in the Danish food industry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Using facilitative skills in project management
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

What Drives Emergency Department Patient Satisfaction? An Empirical Test using Structural Equation Modeling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Assessing technology in hospital logistical settings: Comparing Danish and Japanese healthcare
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Healthcare performance data turned into decision support
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Implementing lean in surgery – lessons and implications
Publication: Research - peer-review › Journal article – Annual report year: 2013

Improving blood sample logistics using simulation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Strategic Simulation - Support of Innovation and Operation in Distribution and production Networks
Publication: Research › Ph.D. thesis – Annual report year: 2012

Management-By-Objectives in Healthcare
Publication: Research › Ph.D. thesis – Annual report year: 2011

Combining Narrative and Numerical Simulation: A Supply Chain Case
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

IMPROVING HOSPITAL LOGISTICS BY RETHINKING TECHNOLOGY ASSESSMENT
Publication: Research › Article in proceedings – Annual report year: 2011

Benchmarking in healthcare using aggregated indicators
Publication: Research - peer-review › Journal article – Annual report year: 2010

Operational benchmarking of Japanese and Danish hospitals
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Påvirker lean det psykosociale arbejdsmiljø?
Publication: Education - peer-review › Book chapter – Annual report year: 2010

The sustainable utilization of human resources in global product development
An engineering approach to health care
Publication: Research › Book chapter – Annual report year: 2009

A new approach for translating strategic healthcare objectives into operational indicators
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Styring, kvalitet og design i sundhedssektoren
Publication: Research › Report – Annual report year: 2009

Optimization of the raw material use at Danish slaughterhouses
Publication: Research › Ph.D. thesis – Annual report year: 2008

Meal Elements and Lean Manufacturing: Two Frameworks for Institutional Meal Production
Publication: Research › Ph.D. thesis – Annual report year: 2008

Implementing lean in a surgical ward.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2008

Performance measurement in a radiology department at a Danish non-profit hospital
Traberg, A. & Jacobsen, P. 2008
Publication: Research - peer-review › Poster – Annual report year: 2008

Safety in the design of production lines
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Safety in the redesigning of production lines
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Some effects of integrated production planning in large-scale kitchens
Publication: Research › Conference abstract in proceedings – Annual report year: 2005

Some Effects of Integrated Production Planning in Large-scale Kitchens
Engelund, E. H., Friis, A. & Jacobsen, P. 2005
Publication: Research › Poster – Annual report year: 2005

Understanding a Firm in a Holonic Conceptual Framework
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005
Destription and modelling of structural properties of production systems
Bilberg, A. & Jacobsen, P. 1997 Passion for Integration in Manufacturing. Aalborg: Department of Production
Publication: Research › Article in proceedings – Annual report year: 1997

Projects:

Supplier Relationship Management at FLSmidth
01/10/2017 → 30/09/2020
Project: PhD

Conceptual Modelling for Product Configuration Systems
Shafiee, S., Hvam, L., Mortensen, N. H., Jacobsen, P., Malis, M. & Vareilles, É.
01/05/2014 → 21/09/2017
Project: PhD

Technology and Logistics in Health Care
Feibert, D. C., Jacobsen, P., Hvam, L., Hald, K. S. & Åhlström, P.
01/01/2014 → 02/04/2017
Project: PhD

Patterns in Patients Behavior when reorganizing Out-of house Care in the Capital Region of Denmark
Duthiers, N. M., Jacobsen, P. & Lippert, F.
01/12/2013 → 31/01/2015
Project: PhD

Complexity Management
Myrodia, A., Hvam, L., Mortensen, N. H., Jacobsen, P., Malis, M. & Olhager, J. E.
01/11/2013 → 18/05/2017
Project: PhD

Bæredygtig produktion og logistik baseret på Cradle to cradle princippet
01/02/2013 → 30/01/2017
Project: PhD

Management of business processes for global ERP implementations
01/05/2012 → 01/09/2016
Project: PhD

Development of a Generic Performance Measurement Model in an Emergency Department
01/04/2012 → 18/06/2015
Project: PhD

Advanced planning approaches for small- and medium-sized enterprises
01/12/2011 → 04/07/2016
Project: PhD

Business Intelligence i Engineeringvirksomheder
15/10/2010 → 26/05/2014
Project: PhD
**Brug af ny teknologi af logistik og servicesystemer i sundhedssektoren**
Jørgensen, P. M. T., Jacobsen, P., Hvam, L., Bilberg, A. & Ceglarek, D. J.
01/06/2010 → 20/09/2013
Project: PhD

**Udvikling af systemleverancer hos entreprenører**
01/01/2010 → 22/11/2013
Project: PhD

**Campaign Planning within the Pharmaceutical Industry**
Oddsdottir, T. A., Jacobsen, P., Akkerman, R. & Grunow, M.
01/09/2009 → 03/11/2014
Project: PhD

**New Product Start Up in Pharmaceutical Production**
01/09/2009 → 21/02/2014
Project: PhD

**IT based management-by-objectives in hospitals**
Traberg, A., Jacobsen, P., Rasmussen, L. B., Ceglarek, D. J. & Jensen, K.
01/05/2008 → 28/09/2011
Project: PhD

**Informationssvigt i forbindelse med patientoverførsel**
Siemsen, I. M., Andersen, H. B., Østergaard, D., Jacobsen, P., Aase, K. & Viskum, B.
01/04/2008 → 28/09/2011
Project: PhD

**LEAN uden stress : Udvikling af et bæredygtigt produktionsprincip**
01/10/2006 → 30/09/2009
Project

**Udvikling af produktionsnetværk - Strategisk simulering til støtte af innovation og drift**
Hansen, M. S., Rasmussen, L. B., Jacobsen, P., Rasmussen, B., Danielsen, O. & Smith, D. J.
01/09/2006 → 20/12/2012
Project: PhD

**Safety in design**
Dyhrberg, M. B., Broberg, O., Jacobsen, P., Pedersen, M. & Bach, E.
01/01/2005 → 01/07/2007
Project

**Optimal råvareanvendelse og ordreafvikling på svineslagerier**
01/10/2004 → 24/09/2008
Project: PhD

**Application of Product Configuration Systems in Engineering Companies**
01/05/2004 → 11/11/2009
Project: PhD
**Danish Micro Factory**


01/01/2004 → 01/12/2007

Project

**Måltidselementer - Optimering af produktion af distribuerede måltider**

Engelund, E. H., Friis, A., Jacobsen, P., Nielsen, J., Christiansen, T. B. & Creed, P.

01/08/2003 → 30/04/2008

Project: PhD

**Produktmodellering i virksomhedsnetværk**


01/01/2001 → 09/01/2006

Project: PhD

**MERIP - Human Ressources in Production**

Jacobsen, P. & Barfod, A.

01/11/1996 → 01/11/2000

Project

**MERIP - Human Ressources in Production**


01/11/1996 → 01/11/2000

Project

**Description and modelling of production systems**

Jacobsen, P.

01/03/1995 → 01/03/1998

Project

**Design and Modelling of Production Systems**

Jacobsen, P. & Barfod, A.

01/03/1995 → 01/03/1998

Project