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Fellow



Knowledge Group: Strategy and Operations

Research Domains: Corporate Strategy

Teaching Domains:

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Biography

Articles in Scholarly Journals

A smart mobility game with blockchain and hardware oracles

MALEKI VISHKAEI, B., P. DE GIOVANNI, "A smart mobility game with blockchain and hardware oracles", International Journal of Production Economics, 2025, vol. 282, pp. 109533

Optimal ordering for Product-as-a-Service models with circular economy practices

MALEKI VISHKAEI, B., "Optimal ordering for Product-as-a-Service models with circular economy practices", International Journal of Production Research, 2025, vol. 63, no. 11, pp. 4066-4085

Prioritizing, integrating, and communicating sustainability to prevent social washing

MALEKI VISHKAEI, B., E. SPAHIU, P. DE GIOVANNI, "Prioritizing, integrating, and communicating sustainability to prevent social washing", Cleaner Production Letters, 2025, vol. 9, pp. 100114

The impact of account-based marketing approach in shaping impactful narratives on sustainability and resilience

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Subscription-based business models in the context of tech firms: theory and applications

LINDSTRÖM, C. W. J., B. MALEKI VISHKAEI, P. DE GIOVANNI, "Subscription-based business models in the context of tech firms: theory and applications", International Journal of Industrial Engineering and Operations Management, 2024, vol. 6, no. 3, pp. 256-274

Operational Risk Management in E-Commerce: A Platform Perspective

URREA, N. T., B. MALEKI VISHKAEI, P. DE GIOVANNI, "Operational Risk Management in E-Commerce: A Platform Perspective", IEEE Transactions on Engineering Management, 2024, vol. 71, pp. 3807-3819

Rescheduling Multiproduct Delivery Planning With Digital Technologies for Smart Mobility and Sustainability Goals

MALEKI VISHKAEI, B., P. DE GIOVANNI, "Rescheduling Multiproduct Delivery Planning With Digital Technologies for Smart Mobility and Sustainability Goals", IEEE Transactions on Engineering Management, 2024, vol. 71, pp. 7173-7194

The Impact of Business Continuity on Supply Chain Practices and Resilience Due to COVID-19

MALEKI VISHKAEI, B., P. DE GIOVANNI, "The Impact of Business Continuity on Supply Chain Practices and Resilience Due to COVID-19", International Journal of Logistics Research and Applications, 2024, vol. 8, no. 2, pp. 41

Bayesian network methodology and machine learning approach: an application on the impact of digital technologies on logistics service quality

MALEKI VISHKAEI, B., P. DE GIOVANNI, "Bayesian network methodology and machine learning approach: an application on the impact of digital technologies on logistics service quality", International Journal of Physical Distribution & Logistics Management, 2024, vol. 54, no. 7/8, pp. 755-774

L'impatto sulle performance aziendali. Il business sostenibile migliora la resilienza - Sustainability and Business Performance. Building Resilience with GRI Practices

DE GIOVANNI, P., B. MALEKI VISHKAEI, "L'impatto sulle performance aziendali. Il business sostenibile migliora la resilienza - Sustainability and Business Performance. Building Resilience with GRI Practices", Economia & Management, 2024, no. 3, pp. 16-24

Smart food-sharing platforms for social sustainability: a heuristic algorithm approach

MALEKI VISHKAEI, B., P. DE GIOVANNI, "Smart food-sharing platforms for social sustainability: a heuristic algorithm approach", International Transactions in Operational Research, 2024

The Impact of Digital Technologies and Sustainable Practices on Circular Supply Chain Management

ROMAGNOLI, S., C. TARABU', B. MALEKI VISHKAEI, P. DE GIOVANNI, "The Impact of Digital Technologies and Sustainable Practices on Circular Supply Chain Management", International Journal of Logistics Research and Applications, 2023, vol. 7, no. 1

The Impact of Digital Technologies on Company Restoration Time Following the COVID-19 Pandemic

SAMMARCO, G., D. RUZZA, B. MALEKI VISHKAEI, P. DE GIOVANNI, "The Impact of Digital Technologies on Company Restoration Time Following the COVID-19 Pandemic", Sustainability, 2022, vol. 14, no. 22, pp. 15266

Bi-objective optimization for customers' satisfaction improvement in a Public Bicycle Sharing System

MALEKI VISHKAEI, B., M. FATHI, M. KHAKIFIROOZ, P. DE GIOVANNI, "Bi-objective optimization for customers' satisfaction improvement in a Public Bicycle Sharing System", Computers & Industrial Engineering (CAIE), 2021, vol. 161, pp. 107587

Balancing public bicycle sharing system using inventory critical levels in queuing network

MALEKI VISHKAEI, B., I. MAHDAVI, N. MAHDAVI-AMIRI, E. KHORRAM, "Balancing public bicycle sharing system using inventory critical levels in queuing network", Computers & Industrial Engineering (CAIE), 2020, vol. 141, pp. 106277

A Public Bicycle Sharing System Considering Renting and Middle Stations

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Green supply chain flow analysis with multi-attribute demand in a multi-period product development environment

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A bi-objective inventory model to minimize cost and stock out time under backorder shortages and screening

MALEKI VISHKAEI, B., S. T. AKHAVAN NIAKI, E. KHORRAM, M. FARHANGI, "A bi-objective inventory model to minimize cost and stock out time under backorder shortages and screening", International Journal of Industrial Engineering: Theory, Applications and Practice, 2019, vol. 26, no. 5

A retailer inventory model when the reliability of inspection system affects the percentage of defective items which are delivered to final customers

MALEKI VISHKAEI, B., M. SEYYED-ESFAHANI, I. MAHDAVI, M. ASKARI, "A retailer inventory model when the reliability of inspection system affects the percentage of defective items which are delivered to final customers", Journal of Industrial and Production Engineering, 2019, vol. 36, no. 2, pp. 70-80

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Optimizing Employment and Learning System Using Big Data and Knowledge Management Based on Deduction Graph

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Closed-form equations for optimal lot sizing in deterministic EOQ models with exchangeable imperfect ACquality items

FARHANGI, M., S. T. AKHAVAN NIAKI, B. MALEKI VISHKAEI, "Closed-form equations for optimal lot sizing in deterministic EOQ models with exchangeable imperfect ACquality items", Scientia Iranica. Transactions on

Industrial Engineering (E), 2015, vol. 22, no. 6, pp. 2621-2633

The 100% screening Economic Order Quantity model under shortage and delay in payment

MALEKI VISHKAEI, B., S. H. R. PASANDIDEH, M. FARHANGI, "The 100% screening Economic Order Quantity model under shortage and delay in payment", Scientia Iranica. Transactions on Industrial Engineering (E), 2014, vol. 21, no. 6, pp. 2429-2435

A multiproduct EOQ model with inflation, discount, and permissible delay in payments under shortage and limited warehouse space

PASANDIDEH, S. H. R., S. T. A. NIAKI, B. MALEKI VISHKAEI, "A multiproduct EOQ model with inflation, discount, and permissible delay in payments under shortage and limited warehouse space", Production & Manufacturing Research, 2014, vol. 2, no. 1, pp. 641-657

Optimal lot sizing in screening processes with returnable defective items

MALEKI VISHKAEI, B., S. T. A. NIAKI, M. FARHANGI, M. E. M. RASHTI, "Optimal lot sizing in screening processes with returnable defective items", Journal of Industrial Engineering International, 2014, vol. 10, no. 3, pp. 70

A Memetic genetic algorithm for a redundancy allocation problem

RASHTI, M. E. M., B. MALEKI VISHKAEI, R. ESMAEILPOUR, "A Memetic genetic algorithm for a redundancy allocation problem", International Journal of Applied Operational Research, 2012, vol. 2, no. 2

A Fuzzy Multi-Objective Class Based Storage Location Assignment

MALEKI VISHKAEI, B., M. E. M. RASHTI, "A Fuzzy Multi-Objective Class Based Storage Location Assignment", International Journal of Applied Operational Research, 2011, vol. 1, no. 1, pp. 19-35

Increasing the reliability and the profit in a redundancy allocation problem

EBRAHIMNEZHAD, M., B. MALEKI VISHKAEI, S. H. R. PASANDIDEH, J. SAFARI, "Increasing the reliability and the profit in a redundancy allocation problem", International Journal of Applied Operational Research, 2011, vol. 1, no. 2, pp. 57-64

Contribution to Chapters, Books or Research Monographs

La resilienza strategica di Prysmian

SCIROCCO, N., B. MALEKI VISHKAEI, P. DE GIOVANNI, "La resilienza strategica di Prysmian" in Strategie di resilienza in operations management. Casi aziendali ed esperienze di eccellenza., P. De Giovanni (Ed.), Egea, chap. 7, pp. 133-152, 2025

Blockchain Adoption in the Winery Industry

PRENCIPE, M. P., B. MALEKI VISHKAEI, P. DE GIOVANNI, "Blockchain Adoption in the Winery Industry" in Blockchain Technology Applications in Businesses and Organizations., Pietro De Giovanni (Ed.), IGI Global, chap. 3, pp. 43-72, 2022

Blockchain for Circular Economy in the Furniture Sector

ARANGIARO, V., B. MALEKI VISHKAEI, P. DE GIOVANNI, "Blockchain for Circular Economy in the Furniture Sector" in Cases on Circular Economy in Practice., Pietro De Giovanni (Ed.), IGI Global, chap. 11, pp. 238-275, 2022

Metaverse: A New Platform for Circular Smart Cities

MALEKI VISHKAEI, B., "Metaverse: A New Platform for Circular Smart Cities" in Cases on Circular Economy in Practice., Pietro De Giovanni (Ed.), IGI Global, chap. 3, pp. 51-69, 2022

Proceedings/Presentations

The Impact of Diversity, Equity, and Inclusion (DEI) on Operational Performance

SPAHIU, E., B. MALEKI VISHKAEI, P. DE GIOVANNI, "The Impact of Diversity, Equity, and Inclusion (DEI) on Operational Performance" in The 85th Annual Meeting of Academy of Management, July 25-29, 2025, Copenhagen, Denmark

Refilling glass bottles as a circular economy practice: a game theory model

MALEKI VISHKAEI, B., P. DE GIOVANNI, "Refilling glass bottles as a circular economy practice: a game theory model" in EURAM 2024 - European Academy of Management Conference, June 24-28, 2024, Bath, Great Britain

Inventory Flow of Subscription-Based Business Models with Circular Economy Practices

MALEKI VISHKAEI, B., P. DE GIOVANNI, "Inventory Flow of Subscription-Based Business Models with Circular Economy Practices" in The 7th European International Conference on Industrial Engineering and Operations Management, July 16-18, 2024, Ausburg, Germany

Social Development through Operations and Supply Chain Management

MALEKI VISHKAEI, B., P. DE GIOVANNI, "Social Development through Operations and Supply Chain Management" in British Academy of Management (BAM), September 2-6, 2024, Nottingham, Great Britain

Smart Food-Sharing Platforms for Social Sustainability: A Heuristic Algorithm Approach

MALEKI VISHKAEI, B., P. DE GIOVANNI, "Smart Food-Sharing Platforms for Social Sustainability: A Heuristic Algorithm Approach" in SIMA Management Conference, June 13-14, 2024, Parma, Italy

Unlocking the blockchain potentials through oracles: Empirical evidence on supply chain challenges and performance

RUZZA, D., P. DE GIOVANNI, B. MALEKI VISHKAEI, "Unlocking the blockchain potentials through oracles: Empirical evidence on supply chain challenges and performance" in Sinergie-SIMA Management Conference 2023, 29-30 June, 2023, Bari, Italy