

Curriculum Vitae

Mohammadreza Nematollahi

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Education

PhD in Industrial Engineering – Iran University of Science and Technology, 2017.

M.Sc in Industrial Engineering – Iran University of Science and Technology, 2012.

B.Sc in Industrial Engineering – Iran University of Science and Technology, 2010.

Research Interests

Operations research

Supply chain coordination with focus on contract theory

Sustainable supply chain management with focus on healthcare logistics

Production management and inventory control

Honors and awards

1. The number of citations to my publications based on Google scholar (Citations: 170, h-index: 5, i10-index: 3)
2. Ranked 1th among all PhD graduate students in School of Industrial Engineering, Iran University of Science and Technology. (2017)
3. Ranked 2th among all PhD students (with the same entrance as mine) in School of Industrial Engineering, Iran University of Science and Technology. (2017)
4. Ranked 3th among all MSc students (with the same entrance as mine) in School of Industrial Engineering, Iran University of Science and Technology. (2012)
5. Ranked 2th among all undergraduate students (with the same entrance as mine) in School of Industrial Engineering, Iran University of Science and Technology. (2010)
6. Selected as the best student among all BSc students in School of Industrial Engineering, Iran University of Science and Technology. (2009)
7. Selected as the best student among all BSc students in School of Industrial Engineering, Iran University of Science and Technology. (2008)

ISI Papers

1. Taleizadeh, A. A., & **Nematollahi, M.** (2014). An inventory control problem for deteriorating items with back-ordering and financial considerations. *Applied Mathematical Modelling*, 38(1), 93-109. (ISI, Q1, IF: 2.3)
2. **Nematollahi, M.**, Hosseini-Motlagh, S. M., & Heydari, J. (2017). Coordination of social responsibility and order quantity in a two-echelon supply chain: A collaborative decision-making perspective. *International Journal of Production Economics*, 184, 107-121. (ISI, Q1, IF: 3.5)
3. **Nematollahi, M.**, Hosseini-Motlagh, S. M., & Heydari, J. (2017). Economic and social collaborative decision-making on visit interval and service level in a two-echelon pharmaceutical supply chain. *Journal of Cleaner Production*, 142, 3956-3969. (ISI, Q1, IF: 5.7)
4. Johari, M., Hosseini-Motlagh, S. M., **Nematollahi, M.**, Ignatius, J., & Goh, M. (2018). Bi-level credit period coordination for periodic review inventory system with price-credit dependent demand under time value of money. *Transportation Research Part E: Logistics and Transportation Review*, 114, 270-291. (ISI, Q1, IF: 2.9)
5. **Nematollahi, M.**, Hosseini-Motlagh, S. M., Ignatius, J., Goh, M., & Nia, M. S. (2018). Coordinating a socially responsible pharmaceutical supply chain under periodic review replenishment policies. *Journal of Cleaner Production*, 172, 2876-2891. (ISI, Q1, IF: 5.7)
6. Nouri, M., Hosseini-Motlagh, S. M., **Nematollahi, M.**, & Sarker, B. (2018). Coordinating manufacturer's innovation and retailer's promotion and replenishment using a compensation-based wholesale price. *International Journal of Production Economics*, 198, 11-24. (ISI, Q1, IF: 3.5)
7. Hosseini-Motlagh, S. M., **Nematollahi, M.**, Nouri, M. (2018). Coordination of green quality and green warranty decisions in a two-echelon competitive supply chain with substitutable products. *Journal of Cleaner Production*, 196, 961-984. (ISI, Accepted, Q1, IF: 5.7)
8. Ebrahimi, S., Hosseini-Motlagh, S. M., & **Nematollahi, M.** (2018). Proposing a delay in payment contract for coordinating a two-echelon periodic review supply chain with stochastic promotional effort dependent demand. *International Journal of Machine Learning and Cybernetics*, <https://doi.org/10.1007/s1304> (ISI, Q1, IF: 1.7)
9. Jazinani, M., Seyyedhosseini, M., Hosseini-Motlagh, S. M., & **Nematollahi, M.** Coordinated decision-making on manufacturer's EPQ-based and buyer's period review inventory policies with stochastic price-sensitive demand: A credit option approach. *RAIRO - Operations Research*, <https://doi.org/10.1051/ro/2018038> (ISI, Accepted, Q3, IF: 0.6)
10. Hosseini-Motlagh, S. M., **Nematollahi, M.**, Johari, M., & Sarker, B. A collaborative model for coordination of monopolistic manufacturer's promotional efforts and competing duopolistic retailers' trade credits. *International Journal of Production Economics*. 204, 108-122 (ISI, Accepted, Q1, IF: 3.5)
11. Hosseini-Motlagh, S. M., **Nematollahi, M.**, Jokar, A., & Govindan, K. An adjustable bi-level wholesale price contract for coordinating a three-level socially responsible supply chain under scenario-based stochastic demand. *International Journal of Production Economics*. (ISI, Revised, Q1, IF: 3.5)
12. **Nematollahi, M.**, Hosseini-Motlagh, S. M. A collaborative decision-making model for collecting unused medications in an environmentally responsible pharmaceutical supply chain. *International Journal of Environmental Science and Technology*. (ISI, Revised, Q2, IF: 1.9)
13. Nouri, M., Hosseini-Motlagh, S. M., & **Nematollahi, M.** Coordination of promotional efforts and periodic review replenishment decisions in a two-echelon supply chain using a discount contract. *Operational Research*. (ISI, Revised, Q2, IF:1)
14. Johari, M., Hosseini-Motlagh, S. M., & **Nematollahi, M.** Coordination of pricing and periodic review inventory decisions in a supplier-retailer chain with stochastic price-dependent demand. *RAIRO - Operations Research*. (ISI, Revised, Q3, IF: 0.6)

15. **Nematollahi, M.**, Hosseini-Motlagh, S. M., Cárdenas-Barrón, L. E., & Tiwari, S. Coordinating visit interval and safety stock decisions in a two-level supply chain with shelf-life considerations. *International Journal of Production Economics* (ISI, Under review)
16. Johari, M., Hosseini-Motlagh, S. M., **Nematollahi, M.**, Ignatius, J., & Goh, M. Supply chain coordination and benefit sharing under periodic review inventory system using quantity discount contract. *4OR*. (ISI, Under review)
17. Hosseini-Motlagh, S. M., **Nematollahi, M.**, Ebrahimi, S., & Choi, Tsan-Ming. Tri-party reverse supply chain coordination with competitive product acquisition process. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*. (ISI, Under review)
18. Ebrahimi, S., Hosseini-Motlagh, S. M., **Nematollahi, M.**, & Cárdenas-Barrón, L. E. Coordinating a two-echelon sustainable supply chain with stochastic multi-factor-dependent demand and cap-and-trade regulation. *Annals of Operations Research*. (ISI, Under review)
19. Hosseini-Motlagh, S. M., Haeri, A. R., **Nematollahi, M.**, & Rahmani, S. Balanced three-echelon reverse supply chain coordination with remanufacturing, pricing, collection and promotion policies. *Naval Research Logistics*. (ISI, Under review)
20. Hosseini-Motlagh, S. M., Johari, M., **Nematollahi, M.**, & Pazari, P. Dual-channel reverse supply chain coordination between remanufacturer and third-party collector under collection disruption risks: A case for end-of-life vehicles. *IIE Transactions* (ISI, Under review)
21. **Nematollahi, M.**, Hosseini-Motlagh, S. M. Pharmaceutical supply chain coordination considering shelf life and service level considerations. (Working paper)
22. Hosseini-Motlagh, S. M., **Nematollahi, M.**, & Nami, N. Pharmaceutical reverse supply chain coordination under disruption. (Working paper)

Scopus & ISC papers

1. Haddad, H., & **Nematollahi, M.** (2012). Minimizing total weighted tardiness for the single machine scheduling problem with dependent setup time and precedence constraints. *Management Science Letters*, 2(2), 517-524. (Scopus)
2. Heydari, M., **Nematollahi, M.**, & Taleizadeh, A. A. (2015). An inventory control model for deteriorating products with backordering and delayed payment. *International Journal of Industrial Engineering and Production Management*, 26(1), 99-115. (ISC).
3. **Nematollahi, M.**, Hosseini-Motlagh, S. M., & Heydari, J. (2016). A mathematical model for coordinating corporate social responsibility and order quantity in pharmaceutical supply chain, *Journal of Modeling in Engineering*, (ISC, Accepted).
4. Johari, M., Hosseini-Motlagh, S. M., & **Nematollahi, M.** Coordinating pricing and periodic review replenishment decisions in a two-echelon supply chain using quantity discount contract. *Journal of Industrial Engineering and Management Studies*, 3(2), 58-87. (ISC)
5. Johari, M., Hosseini-Motlagh, S. M., & **Nematollahi, M.** (2017). Simultaneous coordination of review period and order-up-to-level in a manufacturer-retailer chain. *Journal of Industrial and Systems Engineering*, 10, 1-17. (ISC)
6. Johari, M., Hosseini-Motlagh, S. M., & **Nematollahi, M.** (2017). Supply Chain Coordination using Different Modes of Transportation Considering Stochastic Price-Dependent Demand and Periodic Review Replenishment Policy. *International Journal of Transportation Engineering*, 5(2), 137-165. (ISC)
7. Hojati, S., Seyedhosseini, S. M., Hosseini-Motlagh, S. M., & **Nematollahi, M.** (2017). Coordination and profit sharing in a two-level supply chain under periodic review inventory policy with delay in payments contract. *Journal of Industrial and Systems Engineering*, 10, 109-131. (ISC)
8. Foladi-Mahani, S., Yaghoubi, S., Hosseini-Motlagh, S. M., & **Nematollahi, M.** (2018). Order quantity optimization in a two-level pharmaceutical supply chain. *Journal of Industrial and Systems Engineering*. (ISC)

Conference Papers

1. Hosseini-Motlagh S. M., Gholamian M. R. Jalali. A., & **Nematollahi. M.** (2015). Proposing a multi-item deterministic inventory-routing problem for pharmaceutical products. 11th International Industrial Engineering Conference.
2. Hosseini-Motlagh S. M., Gholamian M. R. Jalali. A., & **Nematollahi. M.** (2016). Green inventory routing problem for pharmaceutical products distribution in multi-product mode. 6th National and 4th International Logistics and Supply Chain Conference.

Reviewer in scientific journals

1. Transportation Research Part E: Logistics and Transportation Review
2. International Journal of Production Economics
3. International Journal of Machine Learning and Cybernetics
4. RAIRO - Operations Research
5. Asia-Pacific Journal of Operational Research
6. International Journal of Transportation Engineering