

## **Personal Information**

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## **Education**

Doctorate, Rensselaer Polytechnic Institute, Graduate School, Decision Science And Engineering Systems, United States Of America 1999 - 2003

Postgraduate, Rensselaer Polytechnic Institute, Decision Science And Engineering Systems, Operations Research & Statistics, United States Of America 1997 - 1999

Undergraduate, Rensselaer Polytechnic Institute, School Of Engineering, Industrial And Management Engineering, United States Of America 1994 - 1997

## **Research Areas**

Social Sciences and Humanities, Management, Production Management, Industrial Engineering , Optimization Theory and Methods, Heuristic Methods, Simulation, Discrete Simulation, Production Planning and Control, Facility Location and Design, Modelling and Analysis of Production Systems , Engineering and Technology

## **Journal articles indexed in SCI, SSCI, and AHCI**

- I. **EVALUATION OF THE LOGISTICS CENTER LOCATIONS USING A MULTI-CRITERIA SPATIAL APPROACH**  
Önden I., Acar A. Z., Eldemir F.  
TRANSPORT, vol.33, no.2, pp.322-334, 2018 (SCI-Expanded)
- II. **Evaluation and Categorization of The Fishing Ports with a Fuzzy Spatial Multi Criteria Approach: The Case of Turkey**  
ONDEN I., SAMASTI M., Canci M., Eldemir F., AKTEL A.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.17, no.3, pp.499-508, 2017 (SCI-Expanded)
- III. **Geographical Information Systems and Multicriteria Decisions Integration Approach for Hospital Location Selection**  
Eldemir F., ONDEN I.  
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.15, no.5, pp.975-997, 2016 (SCI-Expanded)
- IV. **GIS and f-AHP Integration for Locating a New Textile Manufacturing Facility**  
ONDEN I., Eldemir F.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.23, no.5, pp.18-22, 2015 (SCI-Expanded)
- V. **Economic analysis of condition based maintenance**  
Berdinyazov A., Camci F., Baskan S., Sevkli M., Eldemir F.  
International Journal of Industrial Engineering : Theory Applications and Practice, vol.18, no.8, pp.386-403, 2011 (SCI-Expanded)
- VI. **Conceptualizing automated palletizing systems**  
Eldemir F., GRAVES R., MALMBORG C.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.42, no.24, pp.5119-5132, 2004 (SCI-Expanded)

**VII. New cycle time and space estimation models for automated storage and retrieval system conceptualization**

Eldemir F., GRAVES R., MALMBORG C.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.42, no.22, pp.4767-4783, 2004 (SCI-Expanded)

**VIII. A comparison of alternative conceptualizing tools for automated storage and retrieval systems**

Eldemir F., GRAVES R., MALMBORG C.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.41, no.18, pp.4517-4539, 2003 (SCI-Expanded)

## Articles Published in Other Journals

**I. Analyzing the location of city logistics centers in Istanbul by integrating Geographic Information Systems with Binary Particle Swarm Optimization algorithm**

Cakmak E., Onden I., ACAR A. Z., ELDEMİR F.

CASE STUDIES ON TRANSPORT POLICY, vol.9, no.1, pp.59-67, 2021 (ESCI)

**II. LOGISTICS CENTER CONCEPT AND LOCATION DECISION CRITERIA**

ONDEN I., Eldemir F., CANCI M.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, no.3, pp.325-340, 2015 (ESCI)

**III. A Proposed Analytical Model for Integrated Pick-and-Sort Systems**

Kızılaslan R., Bayraktar D., ELDEMİR F.

Eurasian Journal of Business and Economics, vol.6, pp.151-170, 2013 (Peer-Reviewed Journal)

## Papers Presented at Peer-Reviewed Scientific Conferences

**I. Ant Colony Metaheuristic for Quay Crane Sequencing in Container Terminals**

ELDEMİR F., Taner M. E.

The 15th International Logistics and Supply Chain Congress (LMSCM-2017), İstanbul, Turkey, 19 October 2017, pp.1-9

**II. Third Party Logistics (3PL) Provider Selection with AHP Application**

Gürcan Ö. F., Yazıcı İ., Beyca Ö. F., ARSLAN C. Y., Eldemir F.

12th International Strategic Management Conference (ISMC), Antalya, Turkey, 28 - 30 October 2016, vol.235, pp.226-234

**III. Ulusal Stratejik Kararların İstanbul Trafiği ve Yaşam Kalitesine Etkileri**

ELDEMİR F.

3. Karayolu Trafik Güvenliği Sempozyumu, 01 May 2012

**IV. PERFORMANCE OF EARLIEST COMPLETION STRATEGY IN ORDER SORTATION SYSTEMS**

Eldemir F., KARAKAYA E.

24th European Modeling and Simulation Symposium (EMSS), Vienna, Austria, 19 - 21 September 2012, pp.189-197, (Full Text)

**V. MODELLING AND SIMULATION OF ORDER SORTATION SYSTEMS**

Eldemir F., Karakaya E.

23rd European Modeling and Simulation Symposium / International Mediterranean and Latin American Modeling Multiconference, Rome, Italy, 12 - 14 September 2011, pp.535-540

**VI. Istanbul strait marine traffic simulation using multiple serially connected machinery concept**

Camci F., Eldemir F., Uysal O., Ustun I.

Summer Computer Simulation Conference 2009, SCSC 2009, Part of the 2009 International Summer Simulation Multiconference, ISMc, İstanbul, Turkey, 13 - 16 June 2009, vol.41, pp.424-429

## **Funded Projects**

ELDEMİR F., Taner M. E., Project Supported by Higher Education Institutions, KONTEYNER TERMİNALLERİNDE STOK SAHASI OPERASYONLARININ META-SEZGİSEL YÖNTEMLERLE ANALİZİ VE ENTEGRE BİR ÇEVRECİ KARAR DESTEK SİSTEMİNİN OLUŞTURULMASI, 2015 - 2018

## **Metrics**

Publication: 17

Citation (WoS): 72

Citation (Scopus): 63

H-Index (WoS): 5

H-Index (Scopus): 5