

## Asst. Prof. Gülşah Hançerlioğulları Köksalmış

### Personal Information

Email: ghancerliogullari@itu.edu.tr

### Education Information

Doctorate, Old Dominion University, Mühendislik Yönetimi Ve Sistem Mühendisliği, United States Of America 2010 - 2013

Post Graduate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2008 - 2010

Under Graduate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2004 - 2008

Under Graduate, İhsan Doğramacı Bilkent Üniversitesi, İngiliz Dili Meslek Yüksekokulu, Hazırlık Bölümü, Turkey 2003 - 2004

### Foreign Languages

English

### Dissertations

Doctorate, Approximate algorithms for the combined arrival-departure aircraft sequencing and reactive scheduling problems on multiple runways, Old Dominion University, Mühendislik Yönetimi Ve Sistem Mühendisliği, 2013

Post Graduate, Sales forecast inaccuracy and inventory turnover performance: An empirical analysis of U.S. retail sector, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2010

### Research Areas

Technical Sciences, Industrial Engineering

### Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2016 - 2018

Assistant Professor, İstanbul Bilgi Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Endüstri Mühendisliği Bölümü, 2014 - 2016

Research Assistant, University Of Southampton, School Of Managment, Cormsis Centre Of Operational Research, Management Science And Information Systems, 2013 - 2014

Lecturer PhD, Old Dominion University, Frank Batten College Of Engineering And Technology, Engineering Management And Systems Engineering, 2010 - 2013

Research Assistant, Old Dominion University, Frank Batten College Of Engineering And Technology, Engineering Management And Systems Engineering, 2010 - 2013

Research Assistant, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2008 - 2010

Lecturer PhD, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2008 - 2010

### Courses

Advanced Topics in Scheduling, Doctorate, 2016 - 2017  
Database Management Systems, Under Graduate, 2016 - 2017  
Bitirme, Under Graduate, 2016 - 2017  
5 Danışmanlık, Post Graduate, 2016 - 2017  
Industrial Engineering Project, Under Graduate, 2016 - 2017

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Drivers to adopting B-flow ultrasonography: contextualizing the integrated technology acceptance model**  
Hançerlioğulları Köksalınış G.  
BMC MEDICAL IMAGING, vol.19, 2019 (Journal Indexed in SCI)
- **The use of multi-criteria decision making models in evaluating anesthesia method options in circumcision surgery**  
Hancerliogullari G., Hancerliogullari K. O. , KOKSALMIS E.  
BMC MEDICAL INFORMATICS AND DECISION MAKING, vol.17, 2017 (Journal Indexed in SCI)
- **Competitive strategies, innovation, and firm performance: an empirical study in a developing economy environment**  
Bayraktar C. A. , Hancerliogullari G., CETINGUC B., CALISIR F.  
TECHNOLOGY ANALYSIS & STRATEGIC MANAGEMENT, vol.29, pp.38-52, 2017 (Journal Indexed in SSCI)
- **Demand Uncertainty and Inventory Turnover Performance An Empirical Analysis of the U S Retail Industry**  
HANÇERLİOĞULLARI G., ŞEN A., AĞCA AKTUNÇ E.  
International Journal Of Physical Distribution & Logistics Management, vol.46, 2016 (Journal Indexed in SSCI)
- **Is B-Flow USG superior to Color Doppler USG for evaluating blood flow patterns in ovarian torsion?**  
Hancerliogullari K. O. , SOYER T., Tosun A., Hancerliogullari G.  
JOURNAL OF PEDIATRIC SURGERY, vol.50, pp.1156-1161, 2015 (Journal Indexed in SCI)
- **Greedy algorithms and metaheuristics for a multiple runway combined arrival-departure aircraft sequencing problem**  
Hancerliogullari G., Rabadi G., AL-SALEM A. H. , KHARBECHÉ M.  
JOURNAL OF AIR TRANSPORT MANAGEMENT, vol.32, pp.39-48, 2013 (Journal Indexed in SSCI)

## Articles Published in Other Journals

- **Medical decision making: Selection of the appropriate surgical mode for undescended testicle treatment**  
Hançerlioğulları Köksalınış G., Hancerliogullari K. O. , Cetinguc B., Durucu M., Çalıřır F.  
JOURNAL OF MULTI-CRITERIA DECISION ANALYSIS, vol.26, pp.145-151, 2019 (Journal Indexed in ESCI)
- **Selecting an MRI System: A Multi Criteria Decision Making Model for MRI Technicians**  
Hançerlioğulları G., Çalıřır C., Durucu M., Çalıřır F.  
International Journal of Business Analytics, vol.5, pp.22-32, 2018 (Journal Indexed in ESCI)
- **Additive Manufacturing Technologies and Applications**  
Beyca Ö. F. , Hançerlioğulları Köksalınış G., Yazıcı İ.  
INDUSTRY 4.0: MANAGING THE DIGITAL TRANSFORMATION, pp.217-234, 2018 (Refereed Journals of Other Institutions)
- **AERONAUTICS AND SPACE TECHNOLOGIES' INVENTORY EFFICIENCY, INVENTORY PRODUCTIVITY AND INVENTORY RESPONSIVENESS VS. FINANCIAL PERFORMANCE**  
HANÇERLİOĞULLARI G.  
Journal of Aeronautics Space Technologies, vol.11, pp.65-74, 2018 (Refereed Journals of Other Institutions)
- **Comparison of Design Gmrt Wind Turbine Plant Effectively with other Power Wind**  
Hancerliogullari A., ŞENER Y. A. , Unal S., Karadeniz M., Hancerliogullari G., Kurnaz A., Cetiner M. A. , Ashufat S. A. , Madee Y. G. A. , Karatay S.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, pp.69-79, 2017 (Journal Indexed in

ESCI)

- **Heuristics and Simulated Annealing Algorithm for the Surgical Scheduling Problem**

Hancerliogullari G., Koksalmis E., Hancerliogullari K. O.

HEURISTICS, METAHEURISTICS AND APPROXIMATE METHODS IN PLANNING AND SCHEDULING, vol.236, pp.225-241, 2016 (Refereed Journals of Other Institutions)

## **Supported Projects**

Hançerlioğulları Köksalmış G., Project Supported by Higher Education Institutions, Bir Karar Verme Yöntemi Analizi: Sirkumsizyon Ameliyatı Örneği, 2016 - 2018

## **Citations**

Total Citations (WOS):73

h-index (WOS):4