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Personal Information

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Education Information

Doctorate, Wayne State University, College Of Engineering, Industrial And Systems Engineering, United States Of America
2007 - 2012

Postgraduate, Istanbul Technical University, Sosyal Bilimler Enstitüsü, İşletme (YI) (Tezsiz), Turkey 2004 - 2007

Undergraduate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2000 - 2004

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, DECISION SUPPORT MODELS FOR THE EXTERNAL VARIETY OF CONFIGURABLE PRODUCTS, Wayne State University, College Of Engineering, Industrial And Systems Engineering, 2013

Research Areas

Social Sciences and Humanities, Management, Quantitative Methods, Industrial Engineering , Stochastic Modeling, Stochastic Processes, Quality and Reliability, Reliability and Maintenance, Statistics, Statistical Analysis and Applications, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2019 - Continues

Research Assistant PhD, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2013 - 2019

Research Assistant, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2005 - 2013

Academic and Administrative Experience

Deputy Head of Department, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2020 - Continues

İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2014 - 2015

Courses

Statistical Design of Experiments, Undergraduate, 2019 - 2020
Statistical Design of Experiments, Undergraduate, 2018 - 2019
Mühendislik Matematiği, Postgraduate, 2018 - 2019
Data Mining in Customer Relationship Management, Postgraduate, 2018 - 2019
Time Series Analysis, Postgraduate, 2017 - 2018, 2018 - 2019
Theory of Probability, Undergraduate, 2017 - 2018
Applied Statistics, Undergraduate, 2018 - 2019
Statistics, Undergraduate, 2017 - 2018
Introduction to Stochastic Modeling, Undergraduate, 2016 - 2017
Engineering Mathematics, Postgraduate, 2017 - 2018
Quality Control, Undergraduate, 2014 - 2015
Quality Management Tools and Techniques, Undergraduate, 2014 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The propellants of the Logistics Performance Index: an empirical panel investigation of the European region**
Alnipak S., Işıklı E., Apak S.
INTERNATIONAL JOURNAL OF LOGISTICS-RESEARCH AND APPLICATIONS, 2021 (Journal Indexed in SSCI)
- II. **Impact of climate change on sectoral electricity demand in Turkey**
Güven D., Kayalica M. Ö. , Kayakutlu G., Işıklı E.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.16, no.3, pp.235-257, 2021 (Journal Indexed in SCI)
- III. **Estimating fuel consumption in maritime transport**
Işıklı E., AYDIN N., BİLGİLİ L., Toprak A.
JOURNAL OF CLEANER PRODUCTION, vol.275, 2020 (Journal Indexed in SCI)
- IV. **Identifying Key Factors of Rail Transit Service Quality: An Empirical Analysis for Istanbul**
Işıklı E., AYDIN N., Celik E., Gumus A. T.
JOURNAL OF PUBLIC TRANSPORTATION, vol.20, no.1, pp.63-90, 2017 (Journal Indexed in SSCI)
- V. **The Effects of Environmental Risk Factors on City Life Cycle: A Link Analysis**
Işıklı E., ÜSTÜNDAĞ A., CEVIKCAN E.
HUMAN AND ECOLOGICAL RISK ASSESSMENT, vol.21, no.5, pp.1379-1394, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **METİN MADENCİLİĞİNİN TALEP PLANLAMADAKİ ROLÜNÜN İNCELENMESİ**
IŞIKLI E.
Endüstri Mühendisliği, vol.32, no.2, pp.286-306, 2021 (Other Refereed National Journals)

Books & Book Chapters

- I. **Engineering Education Trends in the Digital Era**
Serdar Asan Ş. (Editor), Işıklı E. (Editor)
IGI Global, Pennsylvania, 2020
- II. **An ANP Approach for Prioritizing the Agile Project Management Criteria in Industry 4.0 Transition**
Yanık Özbay S., Işıklı E.

in: Agile Approaches for Successfully Managing and Executing Projects in the Fourth Industrial Revolution, Hür Bersam Bolat, Gül Tekin Temur, Editor, Igi Global Publications, Hershey, Pa, pp.165-187, 2019

III. Using Consumer Reviews for Demand Planning: Case of Configurable Products

IŞIKLI E., KETENCİ M.

in: INFUS 2019: Intelligent and Fuzzy Techniques in Big Data Analytics and Decision Making, Kahraman Cengiz, Cebi Selcuk, Onar Sezi, Oztaysi Basar, Tolga Cagri, Sari Irem, Editor, Springer, Cham, pp.354-361, 2019

IV. Project Portfolio Selection for the Digital Transformation Era

IŞIKLI E., UĞURLU S., ÇEVİKCAN E., ÜSTÜNDAĞ A.

in: Industry 4.0: Managing The Digital Transformation, , Editor, Springer International, pp.105-121, 2017

V. Decision Making in Solid Waste Management under Fuzzy Environment

Karagöz S., AYDIN N., Işıkli E.

in: Intelligence Systems in Environmental Management: Theory and Applications, Cengiz Kahraman, İrem Uçal Sarı, Editor, Springer, Cham, pp.91-115, 2016

VI. The Role of Computational Intelligence in Experimental Design: A Literature Review

IŞIKLI E., UĞURLU S.

in: Intelligent Decision Making in Quality Management Theory and Applications, , Editor, Springer International Publishing, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Healthcare Tourism Demand and an Empirical Analysis for Istanbul

Bayır B., Işıkli E.

5th International Researchers, Statisticians and Young Statisticians Congress, Aydın, Turkey, 18 - 20 October 2019, pp.371-382

II. Predicting the Medical Tourism Demand of Turkey

IŞIKLI E., SERDAR ASAN Ş., KARADAYI USTA S.

Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE) 2019, Gazimagusa, Cyprus (Kktc), 2 - 03 September 2019

III. Using Consumer Reviews for Demand Planning: Case of Configurable Products

IŞIKLI E., KETENCİ M.

INFUS 2019 Conference, İstanbul, Turkey, 23 - 25 July 2019, vol.1, pp.354-361

IV. Factors Affecting the Job Choice of Industrial Engineering Graduates

Özyazgan D. B. , Işıkli E.

11th International Statistics Day Conference, Muğla, Turkey, 3 - 07 October 2018, pp.659-670

V. Daily Touristic Plan Recommendation Using Text Mining

TURGUTLU K. C. , IŞIKLI E.

Federated Conference on Computer Science and Information Systems, 11 - 14 September 2016

VI. Product Variety Management in the Mobile Application Market Case of Turkey

KAVILI M. C. , IŞIKLI E.

15. Uluslararası Katılımlı Üretim Araştırmaları Sempozyumu, 14 - 16 October 2015

VII. The First Step Before Measuring University Technology Transfer Performance: The Case of US Universities

IŞIKLI E.

Global Conference on Engineering and Technology Management 2014, İstanbul, Turkey, 23 - 26 June 2014, pp.1-10

VIII. An Empirical Analysis for Measuring Technology Transfer Performance of US Universities

Işıkli E.

Global Conference on Engineering and Technology Management 2014, İstanbul, Turkey, 23 - 26 June 2014, pp.1-10

IX. An Alternate for Practical Applications of Survival Analysis

AYDIN N., IŞIKLI E.

EURO/INFORMS MMXIII, Roma, Italy, 1 - 04 July 2013, pp.353

- X. **Intrinsic Forecasting in Reverse Logistics: The Case of Electrical and Electronic Equipment**
AYDIN N., Ayvaz B., Işıklı E.
8. Uluslararası İstatistik Kongresi, Antalya, Turkey, 27 - 30 October 2013, pp.164-165
- XI. **The effect of environmental risk factors and socio-economic development on city life-cycle: An association rule mining approach**
Işıklı E., Üstündağ A., Çevikcan E.
4th International Conference on Risk Analysis and Crisis Response, RACR 2013, İstanbul, Turkey, 27 - 29 August 2013, pp.695-700
- XII. **Voleybol Maç Sonuçlarının Modellenmesi: Kesikli Seçim Modelleri ile Bir Uygulama**
Işıklı E., Hisarciklilar M.
6. İstatistik Kongresi, Antalya, Turkey, 29 April - 03 May 2009, pp.234-241
- XIII. **Determining of credit card frauds: A comparison of artificial neural network and logistic regression methods**
KILINÇ M. S. , Işıklı E., SOYYIGIT H. E.
37th International Conference on Computers and Industrial Engineering 2007, Alexandria, Egypt, 20 - 23 October 2007, vol.1, pp.353-359
- XIV. **An analysis to determine regions under risk according to their effects on environment**
Işıklı E., KILINC M. S.
1st International Conference on Risk Analysis and Crisis Response, Shanghai, China, 25 - 26 September 2007, vol.2, pp.122-126

Supported Projects

Işıklı E., Project Supported by Other Private Institutions, Metal Sanayii İş Gruplandırma Sistemi MİDS Büyük Ölçekli Revizyon Projesi, 2016 - 2017

Scientific Refereeing

International Journal of Applied Industrial Engineering (IJAIE), Other Indexed Journal, November 2018
Agile Approaches for Successfully Managing and Executing Projects in the Fourth Industrial Revolution, Scientific / Professional Book Published by Renowned Publishing Houses, September 2018
Agile Approaches for Successfully Managing and Executing Projects in the Fourth Industrial Revolution, Scientific / Professional Book Published by Renowned Publishing Houses, September 2018

Citations

Total Citations (WOS):15

h-index (WOS):2