

## Dr. Öğr. Üyesi ESMA BİRİŞÇİ

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAG-7620-2021

ScopusID: 56653453400

Yoksis Araştırmacı ID: 268764

### Eğitim Bilgileri

Doktora, University of Missouri-Columbia, Industrial And Manufacturing System Engineering, Amerika Birleşik Devletleri 2012 - 2016

Yüksek Lisans, University of Missouri-Columbia, İstatistik, Amerika Birleşik Devletleri 2010 - 2011

Lisans, Karadeniz Teknik Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik Ve Bilgisayar Bilimleri Bölümü, Türkiye 2003 - 2007

### Yabancı Diller

İngilizce, C2 Ustalık

### Yaptığı Tezler

Doktora, OPTIMIZING PRODUCTION AND INVENTORY DECISIONS AT ALL-YOU-CARE-TO-EAT FACILITIES, University of Missouri - Columbia, IMSE, 2021

### Araştırma Alanları

Sosyal ve Beşeri Bilimler, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Yrd. Doç. Dr., Bursa Uludağ Üniversitesi, İKTİSADİ VE İDARİ BİLİMLER FAKÜLTESİ, EKONOMETRİ, 2017 - Devam Ediyor

### Verdiği Dersler

Matematik 1501, Lisans, 2017 - 2018

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Patient Factors Associated with Access to Outpatient Pediatric General Surgical Care in a Rural State**  
Krinock D. J., BİRİŞÇİ E., Wyrick D. L., Maxson R. T., Dassinger M. S., Wolf L. L.  
Journal of Pediatric Surgery, 2024 (SCI-Expanded)
- II. **Blueberry-added black tea: Effects of infusion temperature, drying method, fruit concentration on the iron-polyphenol complex formation, polyphenols profile, antioxidant activity, and sensory properties**  
Dasdemir Y., Findik B. T., Yildiz H., BİRİŞÇİ E.  
Food Chemistry, cilt.410, 2023 (SCI-Expanded)
- III. **PROVIDER'S PERCEPTION OF PARENTAL ANXIETY IN THE PEDIATRIC INTENSIVE CARE UNIT**  
Aljabari S., BİRİŞÇİ E., Kummerfeld F.  
CRITICAL CARE MEDICINE, cilt.51, sa.1, ss.327, 2023 (SCI-Expanded)
- IV. **Cost-versus environmentally-optimal production in institutional food service operations**  
Birisci E., McGarvey R. G.  
SOCIO-ECONOMIC PLANNING SCIENCES, cilt.82, 2022 (SCI-Expanded)
- V. **Optimal production planning utilizing leftovers for an all-you-care-to eat food service operation**  
Birisci E., McGarvey R. G.  
JOURNAL OF CLEANER PRODUCTION, cilt.171, ss.984-994, 2018 (SCI-Expanded)
- VI. **Achieving Sustainability beyond Zero Waste: A Case Study from a College Football Stadium**  
Costello C., McGarvey R. G., Birisci E.  
SUSTAINABILITY, cilt.9, sa.7, 2017 (SCI-Expanded)
- VII. **Inferring shortfall costs and integrating environmental costs into optimal production levels for an all-you-care-to-eat food service operation**  
Birisci E., McGarvey R. G.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, cilt.182, ss.157-164, 2016 (SCI-Expanded)
- VIII. **Food waste in campus dining operations: Inventory of pre- and post-consumer mass by food category, and estimation of embodied greenhouse gas emissions**  
Costello C., Birisci E., McGarvey R. G.  
RENEWABLE AGRICULTURE AND FOOD SYSTEMS, cilt.31, sa.3, ss.191-201, 2016 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- I. **Improving Pediatric Hypertension Screening in an Academic Primary Care Setting**  
Tas V., BİRİŞÇİ E., Jones R. A., Forbus J. J., Blaszak R. T., Crawford B., Ilyas M., Magee J. S., Sisterhen L. L.  
PEDIATRIC QUALITY & SAFETY, cilt.9, sa.4, 2024 (ESCI)
- II. **AN INVESTIGATION OF THE ACE INHIBITORY ACTIVITY, ANTIOXIDANT CAPACITY, AND PHYTOCHEMICAL CONSTITUENTS OF POLAR AND NON-POLAR EXTRACTS OF ZIZIPHUS JUJUBA FRUIT: STATISTICAL SCREENING THE MAIN COMPONENTS RESPONSIBLE FOR BIOACTIVITY**  
FINDIK B. T., Yildiz H., Birisci E., Yiğitkan S., Koseoglu Yilmaz P., Ertaş A.  
GIDA, cilt.49, sa.3, ss.554-566, 2024 (Hakemli Dergi)
- III. **Improving Pediatric Clostridioides difficile Testing Practices: Implementation of a 2-Tier Diagnostic Pathway**  
Sylvester S., Fisher C., Dalabih A., Marrero E., Sietsema L., Honeycutt M. D., Boyanton B. L., Birişçi E., Slagle B.  
JAPA Academy Journal, cilt.1, sa.3, ss.1-5, 2023 (Hakemli Dergi)
- IV. **Provider's Perception of Parental Anxiety in the Pediatric Intensive Care Unit**  
Aljabari S., BİRİŞÇİ E., Kummerfeld F.  
CUREUS JOURNAL OF MEDICAL SCIENCE, cilt.14, sa.8, 2022 (ESCI)
- V. **Household water consumption behavior during the COVID-19 pandemic and its relationship with COVID-19 cases**

BİRİŞÇİ E., ÖZ R.

Environmental Research and Technology, cilt.4, sa.4, ss.391-397, 2021 (Scopus)

- VI. **Simio ile çalışma stratejilerinin müşteri memnuniyeti üzerindeki etkisinin benzetimi: Banka Örneği**  
BİRİŞÇİ E.  
Erciyes Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, cilt.0, sa.60, ss.235-258, 2021 (Hakemli Dergi)
- VII. **PRICE DISCRIMINATION FOR TOPKAPI PALACE MUSEUM IN TURKEY: VIP OR REGULAR ENTRANCE**  
BİRİŞÇİ E., SEZEN H. K.  
Pamukkale Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, cilt.0, ss.131-143, 2021 (Hakemli Dergi)
- VIII. **Is Orally Administered Pentobarbital a Safe and Effective Alternative to Chloral Hydrate for Pediatric Procedural Sedation?**  
Anderson J., Dalabih S., BİRİŞÇİ E., Dalabih A.  
The Journal of Pediatric Pharmacology and Therapeutics, cilt.23, sa.6, ss.460-465, 2018 (Scopus)
- IX. **Gastric volume and its relationship to underlying pathology or acid-suppressing medication**  
Wittgrove C., BİRİŞÇİ E., Kantor J., Dalabih A.  
Anesthesia: Essays and Researches, cilt.11, sa.4, ss.881, 2017 (Hakemli Dergi)
- X. **Intranasal Dexmedetomidine as a Sedative for Pediatric Procedural Sedation**  
Behrle N., BİRİŞÇİ E., Anderson J., Schroeder S., Dalabih A.  
The Journal of Pediatric Pharmacology and Therapeutics, cilt.22, sa.1, ss.4-8, 2017 (Scopus)
- XI. **The risk of shorter fasting time for pediatric deep sedation**  
Clark M., BİRİŞÇİ E., Anderson J., Anliker C., Bryant M., Downs C., Dalabih A.  
Anesthesia: Essays and Researches, cilt.10, sa.3, ss.607, 2016 (Hakemli Dergi)
- XII. **Pediatric Residents' Critical Care Training and the Challenge of the New Accreditation Council for Graduate Medical Education Guidelines**  
Kristin K., BİRİŞÇİ E., Craig D., Abdallah D., Megan B.  
Austin Journal of Emergency and Critical Care Medicine, cilt.2, sa.1, ss.1009, 2015 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

- I. **Synthetic Data for Deep Learning: Generate Synthetic Data for Decision Making and Applications with Python and R**  
GÜRSAKAL N., ÇELİK S., BİRİŞÇİ E.  
Apress, New York, 2022

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Topkapı Sarayı Müzesinde Fiyat Farklılaştırması: VIP ya da Sıradan Giriş**  
SEZEN H. K., BİRİŞÇİ E.  
XIX. Uluslararası Ekonometri, Yöneyim Araştırması ve İstatistik Sempozyumu (EYİ), 17 - 20 Ekim 2018
- II. **Production and Leftovers Usage Policies to Minimize Food waste under Uncertain and Correlated Demand**  
BİRİŞÇİ E., McGarvey R.  
20th International Conference on Operations Research, 15 - 16 Mart 2018
- III. **IS ORAL PHENOBARBITAL A SAFE AND EFFECTIVE ALTERNATIVE TO ORAL CHLORAL HYDRATE?**  
Patel S., Anderson J., BİRİŞÇİ E., Smith M., Dalabih A.  
CRITICAL CARE MEDICINE, Honolulu, 21 - 25 Ocak 2017
- IV. **576: Gastric fluid volume is not effected by underlying pathology or acid-suppressing medication**  
Wittgrove C., Anderson J., BİRİŞÇİ E., Kantor J., Burnett K., Dalabih A.  
Critical Care Medicine, 21 - 25 Ocak 2017, cilt.44, ss.220
- V. **Production Planning to Reduce Environmental Impacts of Food Waste in a Campus Dining Services**

BİRİŞÇİ E., McGarvey R.

POMS 2016 Annual Conference, 6 - 09 Mayıs 2016

- VI. **Alternative Methods for Calculating Optimal Safety Stock Levels**  
McGarvey R., Noble J., BİRİŞÇİ E., Mirzaee A., Junker C., Atkinson S. R.  
CELDI Spring 2016, 5 - 06 Nisan 2016
- VII. **Dynamic Programming to Reduce Environmental Impacts of Food Waste at Campus Dining Services.**  
BİRİŞÇİ E., Ronald M.  
INFORMS Annual Meeting, 1 - 04 Kasım 2015
- VIII. **Reducing Discrepancies Between Production and Shipment Planning**  
McGarvey R., Noble J., BİRİŞÇİ E., Rueda V., Junker C., Atkinson S.  
CELDI Fall 2015, Chicago, Amerika Birleşik Devletleri, 28 Ekim 2015
- IX. **Reducing Discrepancies Between Production and Shipment Planning**  
McGarvey R., Noble J., BİRİŞÇİ E., Rey V. R., Junker C., Atkinson S. R.  
CELDI Fall 2015, 28 - 29 Ekim 2015
- X. **Food Waste in Campus Dining Operations: Inventory of Pre- and Post-Consumer Mass by Food Category, and Estimation of Embodied Greenhouse Gas Emissions**  
Costello C., BİRİŞÇİ E., McGarvey R.  
International Symposium on Sustainable Systems and Technology, 18 - 20 Mayıs 2015
- XI. **Environmental Impacts of Overproduction Food Waste at Campus Dining Services**  
BİRİŞÇİ E., McGarvey R., Costello C.  
International Symposium on Sustainable Systems and Technology, 18 - 20 Mayıs 2015
- XII. **Dynamic Programming to Reduce Environment Impacts of Food Waste at Campus Dining Services**  
BİRİŞÇİ E., Ronald M.  
POMS 2015 Annual Conference, 8 - 11 Mayıs 2015
- XIII. **375: Decreased Airway Complications With Glycopyrrolate Prophylaxis For Endoscopy: A Prospective Trial.**  
Prunty M., Wankum P., BİRİŞÇİ E., Anderson J., Dalabih A.  
Critical Care Medicine, 20 - 24 Şubat 2016, cilt.43, ss.95
- XIV. **664: Intranasal Dexmedetomidine as a Primary Pediatric Procedural Sedation Medication**  
Behrle N., BİRİŞÇİ E., Anderson J., Schroeder S., Dalabih A.  
Critical Care Medicine, 17 - 21 Ocak 2015, cilt.42, ss.1520
- XV. **661: FASTING FOR PEDIATRIC PROCEDURAL SEDATION AND THE RISK OF COMPLICATIONS.**  
Clark M., BİRİŞÇİ E., Anliker C., Rempfer B., Dalabih A., Wankum P.  
Critical Care Medicine, 17 - 21 Ocak 2015, cilt.42, ss.1519
- XVI. **Dynamic Programming to Reduce Food Waste at Campus Dining Services**  
BİRİŞÇİ E., McGarvey R.  
INFORMS Annual Meeting, 9 - 12 Kasım 2014

## Metrikler

Yayın: 37

Atf (WoS): 51

Atf (Scopus): 82

H-İndeks (WoS): 4

H-İndeks (Scopus): 4

## Akademi Dışı Deneyim

University of Missouri Child Health-Scholl of Medicine Neurology