

Assoc. Prof. BURCU FELEKOĐLU

Personal Information

Email: burcu.felekoglu@deu.edu.tr

Web: <https://avesis.deu.edu.tr/burcu.felekoglu>

International Researcher IDs

ScholarID: RHNSzhUAAAAJ

ORCID: 0000-0001-7414-9199

Publons / Web Of Science ResearcherID: Q-1806-2019

ScopusID: 55754963300

Yoksis Researcher ID: 50407

Education

Doctorate, University of Cambridge, Engineering Faculty, Manufacturing and Management, United Kingdom 2008 - 2012

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey 2004 - 2007

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2000 - 2004

Dissertations

Doctorate, Top management involvement in new product development projects, University of Cambridge, Engineering Faculty, Manufacturing and Management, 2012

Postgraduate, Managing innovation: A conceptual framework for evaluating innovation capabilities of manufacturing firms in Turkey, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 2007

Research Areas

Industrial Engineering, Ergonomics and Occupational Safety, Technology and Innovation Management, Engineering and Technology

Academic Positions

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2024 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2013 - 2024

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2005 - 2013

Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2015 - 2023

Fakülte Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, 2014 - 2017

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Walking the managerial tightrope: top management involvement in product innovation projects**
Felekoğlu B., Durmusoglu S. S., Maier A. M., Moultrie J.
EUROPEAN JOURNAL OF INNOVATION MANAGEMENT, vol.27, pp.742-774, 2024 (SSCI)
- II. **Perceived usability evaluation of learning management systems via axiomatic design with a real life application**
BAYKASOĞLU A., FELEKOĞLU B., Unal C.
KYBERNETES, vol.53, no.1, pp.83-101, 2024 (SCI-Expanded)
- III. **Intention of mix-mode consumer shopping service adoption: a case in the retailing context**
Düzenli Ö., FELEKOĞLU B.
International Journal of Retail and Distribution Management, vol.51, no.12, pp.1617-1636, 2023 (SSCI)
- IV. **Eco-efficiency maturity model: a practical assessment tool for managers**
Gungor B., FELEKOĞLU B., TAŞAN A. S.
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, vol.25, pp.5087-5121, 2023 (SCI-Expanded)
- V. **Building blocks of the reverse innovation process**
Dudaklı N., Felekoğlu B., Baykasoğlu A.
INNOVATION-THE EUROPEAN JOURNAL OF SOCIAL SCIENCE RESEARCH, vol.35, no.2, pp.196-223, 2022 (SSCI)
- VI. **Interactive ergonomic risk mapping: a practical approach for visual management of workplace ergonomics**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS, vol.28, no.1, pp.45-61, 2022 (SSCI)
- VII. **A FCM-Based Systematic Approach for Building and Analyzing Problem Solving Networks in Open Innovation**
FELEKOĞLU B., BAYKASOĞLU A., Golcuk I.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.34, pp.149-176, 2020 (SCI-Expanded)
- VIII. **Ergonomic risk assessment for work-related musculoskeletal disorders: A systematic reactive / proactive integrated approach**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, no.3, pp.777-793, 2017 (SCI-Expanded)
- IX. **Top Management Involvement in New Product Development: A Review and Synthesis**
FELEKOĞLU B., Moultrie J.
JOURNAL OF PRODUCT INNOVATION MANAGEMENT, vol.31, no.1, pp.159-175, 2014 (SCI-Expanded)
- X. **Evaluating the bond strength between concrete substrate and repair mortars with full-factorial analysis**
TOSUN FELEKOĞLU K., FELEKOĞLU B., TAŞAN A. S., FELEKOĞLU B.
COMPUTERS AND CONCRETE, vol.12, no.5, pp.651-668, 2013 (SCI-Expanded)
- XI. **Interactions in new product development: How the nature of the NPDP process influences interaction between teams and management**
FELEKOĞLU B., Maier A. M., Moultrie J.
JOURNAL OF ENGINEERING AND TECHNOLOGY MANAGEMENT, vol.30, no.4, pp.384-401, 2013 (SCI-Expanded)
- XII. **DETERMINING ROLES OF SENIOR MANAGEMENT IN NEW PRODUCT DEVELOPMENT USING STATISTICAL ANALYSIS**
FELEKOĞLU B., Moultrie J.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.1, pp.199-207, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Otomotiv Sektöründe Bütünleşik Ergonomik Risk Değerlendirme Uygulaması**

ÖZMEHMET TAŞAN S., FELEKOĞLU B.

Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.1, pp.378-396, 2019 (Peer-Reviewed Journal)

II. **Mapping Ergonomic Risks: An Application in an Electronics Manufacturer**

FELEKOĞLU B., ÖZMEHMET TAŞAN S.

Proelium, vol.8, no.2, pp.279-296, 2019 (Peer-Reviewed Journal)

III. **Advanced Product Quality Planning for Performance Evaluation of New Product Implementation Process: Application in a Factory**

FELEKOĞLU B., ÜNAL A. E.

EURASIA JOURNAL OF MATHEMATICS, SCIENCE AND TECHNOLOGY EDUCATION, vol.7, pp.275-282, 2019 (Scopus)

IV. **Eko-verimlilik kavramı, gelişimi ve uygulanma süreci**

GÜNGÖR B., FELEKOĞLU B.

Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.3, pp.90-104, 2018 (Peer-Reviewed Journal)

V. **Dünya Otomotiv Endüstrisinde Küresel Gelişmeler ve Gelişmelerin Türk Otomotiv Endüstrisi Üzerindeki Etkileri**

Teker M. E., Felekoğlu B.

Mühendis ve Makina, vol.48, no.568, pp.26-30, 2007 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Analyzing the factors that prevent people from using mobile banking via Fuzzy Analytic Hierarchy Process (FAHP)**

KAYHAN B. M., FELEKOĞLU B.

International Conference on Scientific and Academic Research ICSAR 2022, 10 - 13 December 2022

II. **Investigation of New Approaches for Collaborative R&D and Innovation**

Petekaya E. Y., Felekoğlu B.

International Engineering and Technology Management Summit 2022– ETMS2022, İstanbul, Turkey, 20 - 21 October 2022, pp.193-199

III. **A Statistical Analysis of Usability of a Learning Management System**

Ünal C., Baykasoğlu A., Felekoğlu B.

12th International Statistics Days Congress (ISDC2022), İzmir, Turkey, 13 - 16 October 2022, pp.1

IV. **ErgoKontrol: Çalışma Duruşu Değerlendirmeye Yönelik bir Mobil Uygulama**

Felekoğlu B., Boyacı I.

27.Ulusal Ergonomi Kongresi, İzmir, Turkey, 25 - 27 March 2022, pp.2

V. **Evaluating Usability of a Learning Management System with a Real Life Case Study at an Academic Department**

Baykasoğlu A., Felekoğlu B., Ünal C.

12th Annual International Conference on Industrial Engineering and Operations Management, İstanbul, Turkey, 7 - 10 March 2022, no.847, pp.4446

VI. **Factors Affecting the Adoption of Technological Service Innovation**

DÜZENLİ Ö., FELEKOĞLU B., TAŞAN A. S.

25th IJCIEOM - International Joint Conference on Industrial Engineering and Operations Management, 15 - 17 July 2019

VII. **Towards Developing an Eco-Efficiency Assessment Tool**

GÜNGÖR B., FELEKOĞLU B., TAŞAN A. S.

25th IJCIEOM - International Joint Conference on Industrial Engineering and Operations Management, 15 - 17 July 2019

VIII. **Choosing the most effective networking strategy and practice for open innovation**

Ferliler G., FELEKOĞLU B., TAŞAN A. S.

24th International Joint Conference on Industrial Engineering and Operations Management, IJCIEOM 2018, Lisbon, Portugal, 18 - 20 July 2018, vol.280, pp.101-113

- IX. Forecasting the innovation potential under uncertainty**
Seren O. T., Burcu F.
24th International Joint Conference on Industrial Engineering and Operations Management, IJCIEOM 2018, Lisbon, Portugal, 18 - 20 July 2018, vol.280, pp.115-125
- X. Customer Involvement Tools In New Product Development**
FELEKOĞLU B., ARASIL Z.
II. International Symposium on Economics, Finance and Econometrics, 6 - 07 December 2018
- XI. Factors Affecting Networking In Open Innovation and Problems Encountered: An Exploratory Study**
FELEKOĞLU B., GÜNERİ YILMAZ B.
II. International Symposium on Economics, Finance and Econometrics, 6 - 07 December 2018
- XII. Factors Affecting Innovation in Software Companies**
FELEKOĞLU B., BAYKASOĞLU A., safati b.
İZCEAS 2018: New Trends in Economics and Administrative Sciences-İzmir International Congress on Economics and Administrative Sciences, 5 - 08 November 2018
- XIII. New Product Idea Selection in Software Sector**
BAYKASOĞLU A., FELEKOĞLU B., başlı h.
İZCEAS 2018: New Trends in Economics and Administrative Sciences-İzmir International Congress on Economics and Administrative Sciences, 5 - 08 November 2018
- XIV. Eco-efficiency: Concept and Indicators**
GÜNGÖR B., FELEKOĞLU B.
European Conference on Science, Art and Culture, 19 - 22 April 2018
- XV. A Systematic Approach for Building and Analyzing Problem Solving Networks in Open Innovation**
FELEKOĞLU B., BAYKASOĞLU A., GÖLCÜK İ.
FUZZYSS 17: 5th International Fuzzy Systems Symposium, Ankara, Turkey, 14 - 15 October 2017
- XVI. Developing a Systematic Approach For Reactive Ergonomic Risk Assessment In Order to Help the Diagnosis Process of Work-Related Musculoskeletal Disorders**
Sarbat İ., Öz Mehmet Taşan S., Felekoğlu B.
CIE 47 - 47th International Conference on Computers and Industrial Engineering, Lisbon, Portugal, 11 - 13 October 2017
- XVII. Investigating the Impact of Process Innovation over Profitability and Productivity: A Food Sector Application**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
International Joint Conference - ICIEOM-ADINGOR-IISE-AIM-ASEM (IJC 2017), 6 - 07 July 2017
- XVIII. Frequency and Quality of Vertical Communication in New Product Development**
FELEKOĞLU B.
International Joint Conference - ICIEOM-ADINGOR-IISE-AIM-ASEM (IJC 2017), 6 - 07 July 2017
- XIX. Awareness on ergonomics within the occupational health and safety context**
ÖZMEHMET TAŞAN S., FELEKOĞLU B.
IRSYSC 2017 - 3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- XX. Open Innovation Awareness and Utilization of Companies in Turkey**
Özkan G., FELEKOĞLU B.
2nd World Conference on Technology, Innovation and Entrepreneurship, 12 - 14 May 2017
- XXI. Analyzing the Main Factors Affecting the Decision of Mobile Banking Adoption: Perspective of Non-Users**
KAYHAN B. M., FELEKOĞLU B.
2nd International Conference on Economics Business Management and Social Sciences, 10 - 14 May 2017
- XXII. Development and Implementation of Social Innovation**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
International Conference on Advances and Innovations in Engineering, 10 - 12 May 2017
- XXIII. Internal and External Factors Affecting Open Innovation**
Özkan G., FELEKOĞLU B.

International Conference on Advances and Innovations in Engineering, 10 - 12 May 2017

XXIV. Sustaining Ergonomics in Working Environment

FELEKOĞLU B., ÖZMEHMET TAŞAN S.

8. International Conference on Safety and Health-TIOSH, 8 - 11 May 2016

XXV. Evaluating Perceptions on Executive Support in Project Management

FELEKOĞLU B., ÖZMEHMET TAŞAN S.

Joint Conference of XXI International Conference on Industrial Engineering and Operations Management, XIX

Congreso de Ingeniería de Organización, International IIE Conference 2015, 6 - 08 July 2015