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### Personal Information

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### Education Information

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği (Dr), Turkey 2019 - 2020

Postgraduate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği (YI) (Tezli), Turkey 2017 - 2019

Undergraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2010 - 2014

### Dissertations

Postgraduate, Ergonomik montaj hattı dengeleme probleminin konik skalerleştirme yöntemiyle çözümü, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği (YI) (Tezli), 2019

### Academic Titles / Tasks

Research Assistant, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Endüstri Mühendisliği Bölümü, 2017 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A bi-objective ergonomic assembly line balancing model with conic scalarization method**  
YETKİN B. N., KAHYA E.  
Human Factors and Ergonomics In Manufacturing, vol.32, no.6, pp.494-507, 2022 (SCI-Expanded)

### Articles Published in Other Journals

- I. **DERİN ÖĞRENME YÖNTEMLERİYLE SÜRÜCÜ YORGUNLUK TESPİTİ: BİR UYGULAMA**  
ÖZKAN N. F., ULUTAŞ B., YETKİN B. N.  
International Journal on Mathematic, Engineering and Natural Sciences, vol.6, no.21, pp.212-223, 2022 (Peer-Reviewed Journal)
- II. **Comparison of Three Travel Websites According to Cognitive Load and Usability Metrics**  
YETKİN B. N., ÖZKAN N. F., Sert M., Yücel G.  
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.5, no.1, pp.30-35, 2021 (Peer-Reviewed Journal)
- III. **Ergonomik Montaj Hattı Dengeleme Problemine Farklı Çözüm Yaklaşımları**

KAHYA E., YETKİN B. N.

Endüstri Mühendisliği, vol.32, no.2, pp.217-234, 2021 (Peer-Reviewed Journal)

**IV. ERGONOMİK MONTAJ HATTI DENGELEME İÇİN YENİ BİR MODEL ÖNERİSİ**

KAHYA E., ŞAHİN B. N.

Mühendislik Bilimleri ve Tasarım Dergisi, vol.7, no.4, pp.767-778, 2019 (Peer-Reviewed Journal)

**V. ERGONOMİK RİSK KISITLARI ALTINDA YENİ BİR MONTAJ HATTI DENGELEME MODELİ GELİŞTİRİLMESİ**

KAHYA E., ŞAHİN B. N., DAŞDELEN E., DOĞRU S.

Mühendislik Bilimleri ve Tasarım Dergisi, vol.6, pp.49-57, 2018 (Peer-Reviewed Journal)

**VI. HEDEF PROGRAMLAMA MODELİ İLE ERGONOMİK KISITLAR ALTINDA MONTAJ HATTI DENGELEMESİ**

ŞAHİN B. N., KAHYA E.

Mühendislik Bilimleri ve Tasarım Dergisi, vol.6, pp.188-196, 2018 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **A Human-Robot Collaboration Workstation Design to Assess Worker Physical Workload with JACK Software**  
ULUTAŞ B., YETKİN B. N.  
8th International Scientific-Technical Conference Manufacturing, MANUFACTURING 2024, Poznan, Poland, 14 - 16 May 2024, pp.43-56
- II. **A Skill-Based MILP Model in Cellular Manufacturing Systems with Human-Robot Collaboration**  
YETKİN B. N., ULUTAŞ B.  
10th IFAC Triennial Conference on Manufacturing Modelling, Management and Control (MIM), Nantes, France, 22 - 24 June 2022, vol.55, pp.1728-1733
- III. **A Literature Review on Human-Robot Collaborative Environments Considering Ergonomics**  
Yetkin B. N., Ulutaş B.  
GJCIE 2021 Virtual Global Joint Conference on Industrial Engineering and Its Application Areas, 30 October 2021
- IV. **A Worker Assignment and Assembly Line Balancing Model Considering Workforce Ageing**  
Yetkin B. N., Ulutaş B.  
26th ICPR (Virtual Conference) - Taichung, Taiwan Intelligent and Transformative Production in Pandemic Times, 18 - 21 July 2021
- V. **Comparison of Three Travel Websites According to Cognitive Load and Usability Metrics**  
YETKİN B. N., ÖZKAN N. F., YÜCEL G., SERT M.  
HORA 2021 - June 11-13, 2021 - Turkey (3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications), İstanbul, Turkey, 11 June 2021

## Metrics

Publication: 12