

## Res. Asst. CANSU ARAS

### Personal Information

Office Phone: [+90 224 275 5251](tel:+902242755251)

Email: [cansuaras@uludag.edu.tr](mailto:cansuaras@uludag.edu.tr)

Web: <https://avesis.uludag.edu.tr/cansuaras>

### International Researcher IDs

ORCID: 0000-0003-0773-4560

Yoksis Researcher ID: 279951

### Education Information

Postgraduate, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği, Turkey 2016 - 2019

Postgraduate, Bursa Uludağ University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2016 - 2018

Undergraduate Double Major, Bursa Uludağ University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2010 - 2013

Undergraduate, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği, Turkey 2007 - 2012

### Dissertations

Postgraduate, Çörek Otu Yağı Katkılı Nanokompozit Poliüretan Nanolifli Yüzey Üretimi, Karakterizasyonu Ve Yara Örtüsü Olarak Kullanım Performansının Araştırılması, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2019

### Research Areas

Textile Engineering and Technology, Textile Materials, Technical Textiles

### Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2018 - Continues

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

- Evaluation of Nigella sativa oil loaded electrospun polyurethane nanofibrous mat as wound dressing**  
Aras C., Ozer E., Göktalay G., Saat G., Karaca E.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.32, pp.1718-1735, 2021 (SCI-Expanded)

### Articles Published in Other Journals

- Investigation of the Effects of Some Process Parameters on the Morphological Properties of Polyurethane Nanofibrous Mats Containing Black Seed Oil**  
Aras C., Düzyer Gebizli Ş., Tümay Özer E., Karaca E.

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.24, no.2, pp.672-684, 2019 (Peer-Reviewed Journal)

**II. Standard Work Study in Physical Logistics Area: An Application of Automotive Equipment Manufacturer**

Özkardeş Ç., Erklıç S., Şeker C., Aras C., Aksoy A., Öztürk N.

International Journal of Engineering Research, vol.2, no.5, pp.310-315, 2013 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. A Sustainable Approach to Development Fiber Reinforced Polymer Composites as Honeycomb Core Structure**  
Torbalı M. S., Aras C., Korkmaz B., Karaca E., Yazıcı M.  
2nd. INTERNATIONAL GRADUATE STUDIES CONGRESS (IGSCONG'22), İstanbul, Turkey, 8 - 11 June 2022, vol.1, pp.717-718
- II. Investigation of the Release of Growth Factors from Nanofiber Mat Loaded with Apheresis Platelet Concentrate (APC)**  
Yılmaz H., Aras C., Karaçay M., Altuntuğ Cesur M. İ., Karaca E., Temel Ş. G., Bülbül Başkan E., Oral H. B., Kaya E.  
International Congress on Biological and Health Sciences, Afyonkarahisar, Turkey, 26 February 2022
- III. Investigation of Acoustic Properties of Low Density Polyethylene Composite Foam**  
ARAS C., YAZICI M., KARACA E.  
8th International Fiber and Polymer Research Symposium, Eskişehir, Turkey, 18 June 2021
- IV. In Vitro Controlled Release and Cytotoxicity Test of Nigella Sativa Oil Loaded Polyurethane Nanofiber Mat: As Using Potential Wound Dressing**  
Aras C., Karaca E., Tümay Özer E.  
1ST INTERNATIONAL CONFERENCE ON PREVENTIVE MEDICINE (1ST ICPM 2019), Antalya, Turkey, 12 - 14 November 2019
- V. Production and Characterization of Black Seed Oil Loaded Antibacterial Electrospun Polyurethane Nanofibrous Mats**  
Aras C., Tümay Özer E., Karaca E.  
5th International Fiber and Polymer Research Symposium, 03 May 2019, pp.23-26

## **Supported Projects**

KARACA E., ARAS C., ÖZDEMİR T., VATAN Ö., COŞKUN B., Project Supported by Higher Education Institutions, Pelvik Taban Bozukluklarında Kullanılmak Üzere Nanolifli Mesh Tasarımı Üretimi ve Karakterizasyonu, 2022 - Continues  
KAYA E., LEBLEBİCİOĞLU H., ARAS C., KARAÇAY M., ALTUNTUĞ CESUR M. İ., Project Supported by Higher Education Institutions, Aferez Trombosit Konsantresi (ATK) Katkılı Nanolifli Yüzeyden Büyüme Faktörlerinin Salımının İncelenmesi, 2021 - 2022

## **Patent**

Karaca E., Tümay Özer E., Aras C., NANOLİFLİ YARA ÖRTÜSÜ , Patent, CHAPTER D Textile; Paper, The Invention Recourse Number: 2020/22711 , Standard Registration, 2021

Karaca E., Aras C., Tümay Özer E., NANOFIBROUS WOUND DRESSING, Patent, CHAPTER D Textile; Paper, The Invention Recourse Number: PCT/TR2019/051266 , Standard Registration, 2019

## **Metrics**

Publication: 8

Citation (WoS): 2

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1