

## Res. Asst. DİLAYDA KANMAZ

### Personal Information

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### Education Information

Doctorate, Bursa Uludağ University, Fen Bilimleri Enstitüsü, Biyomalzemeler (Dr), Turkey 2020 - Continues

Postgraduate, Yalova University, Institute Of Science, Polimer Mühendisliği (YI) (Tezli), Turkey 2017 - 2019

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2014 - 2017

Undergraduate, Yalova University, Faculty Of Engineering, Ceramics) Department Polymer Engineering, Turkey 2012 - 2017

### Dissertations

Postgraduate, NEW GENERATION NANOFIBER BASED MEDICAL MEMBRANE PRODUCTION, Yalova University, Institute Of Science, 2019

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2019 - Continues

### Articles Published in Other Journals

- I. **Electrospun Polylactic Acid Based Nanofibers for Biomedical Applications**  
KANMAZ D., KARAHAN TOPRAKÇI H. A. , TOPRAKÇI O.  
Material Science Research India, vol.15, no.3, pp.224-240, 2018 (Refereed Journals of Other Institutions)
- II. **Sürdürülebilirlik ve Sürdürülebilir Mühendislik**  
KANMAZ D., TOPRAKÇI O., KARAHAN TOPRAKÇI H. A.  
Plastik ve Ambalaj teknolojisi, 2018 (Other Refereed National Journals)
- III. **Polimer Teknolojisinde Sürdürülebilir Kaynak Kullanımı ve Atık Yönetimi**  
KANMAZ D., TOPRAKÇI O., KARAHAN TOPRAKÇI H. A.  
Plastik ve Ambalaj Teknolojisi, 2018 (Other Refereed National Journals)

### Refereed Congress / Symposium Publications in Proceedings

- I. **SUSTAINABLE AND ECO-FRIENDLY APPROACH FOR LAMINATION VIA POLYBUTYLENE SUCCINATE**

## **FILMS**

KILINÇ K., KANMAZ D., KARACA E.

CUKUROVA 8TH INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 15 April 2022, vol.2, pp.1170-1177

### **II. Production of pHEMA Based Cryogel/Nanofibers Hybrid Biomaterials**

KANMAZ D., OSMAN B., KARACA E.

8th International Fiber and Polymer Research Symposium, Eskişehir, Turkey, 18 - 19 June 2021

### **III. Korneal Biyomalzemeler**

KANMAZ D.

7. International Fiber and Polymer Research Symposium, Bursa, Turkey, 25 - 26 September 2020

### **IV. Fabrication of Active Agent Based Polylactic Acid (PLA) Membranes**

KANMAZ D., TOPRAKÇI O.

6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2019), 16 - 18 October 2019

### **V. ANTIMICROBIAL ACTIVITY OF POLYLACTIC ACID NANOFIBERS**

KANMAZ D., TOPRAKÇI O.

Anti-Microbial Coating Innovations to Prevent Infectious Diseases (AMICI), 07 May 2019

### **VI. Antimicrobial Activity of Electrospun Polylactic Acid Nanofiber Composites**

KANMAZ D., TOPRAKÇI O.

Anti-Microbial Coating Innovations to Prevent Infectious Diseases (AMICI), 07 May 2019

### **VII. Sustainable Polymer Composites from Waste**

KANMAZ D., TOPRAKÇI O., KARAHAN TOPRAKÇI H. A.

International Congress on Engineering and Life Sciences (ICELIS), 26 April 2018 - 29 April 2019

### **VIII. Production of Polylactic Acid Nanofibers by Electrospinning**

KANMAZ D., TOPRAKÇI O., KARAHAN TOPRAKÇI H. A.

International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 April 2018 - 27 April 2019

### **IX. A Sustainable Approach for Polymer Composite Production**

KANMAZ D., TOPRAKÇI O., KARAHAN TOPRAKÇI H. A.

IV. International Ege Composite Materials Symposium (KOMPEGE), 6 September - 08 November 2018

### **X. Sustainable Upcycled Polymer Composites**

KANMAZ D., KARAHAN TOPRAKÇI H. A. , TOPRAKÇI O.

1st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), İstanbul, Turkey, 4 - 06 October 2018, vol.1, pp.110

## **Supported Projects**

KARACA E., KANMAZ D., Project Supported by Higher Education Institutions, Nanolifli YüzeyKriyojel Hibrit Biyomalzemelerin Üretimi ve Karakterizasyonu, 2021 - 2022

KARACA E., OSMAN B., KANMAZ D., Project Supported by Higher Education Institutions, Biyomedikal Alanda Kullanıma Yönelik PHEMA Nanolifli Yüzey Üretimi ve Karakterizasyonu, 2020 - 2021

Toprakçı O., Kanmaz D., Project Supported by Higher Education Institutions, New Generation Nanofiber Based Medical Membrane Production, 2018 - 2020

## **Patent**

Karaca E., Osman B., Kanmaz D., Kriyojel/Nanolif Hibrit Biyomalzeme, Patent, CHAPTER D Textile; Paper, The Invention Recourse Number: 2022/008927 , Standard Registration, 2022

Karaca E., Osman B., Kanmaz D., CRYOGEL / NANO FIBER HYBRID BIOMATERIAL, Patent, CHAPTER D Textile; Paper, The

Invention Recourse Number: PCT/TR2022/050573 , Standard Registration, 2022

## **Scientific Research / Working Group Memberships**

Biyomalzemeler Arařtırma Grubu, Bursa Uludađ University, Turkey, <https://avesis.uludag.edu.tr/arastirma-grubu/biomarg>, 2019 - Continues

## **Awards**

Kanmaz D., Ölmez H., Toprakçı O., Best Scientific Study, International Conference On Materials Science And Nanotechnology For Next Generation (Msng2019), October 2019

Kanmaz D., Toprakçı O., Ölmez H., Adlhart C., The Best Poster Presentation, Amici (Ca 15114- Anti-Microbial Coating Innovations To Prevent Infectious Diseases) Workshop, March 2019

Kanmaz D., Karahan Toprakçı H. A. , Toprakçı O., First place of the best poster presentation, International Symposium On Composite Materials (Kompege2018), September 2018