

# Prof. PERVİN ANIŞ

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-3948-2021

ScopusID: 6505864579

Yoksis Researcher ID: 4317

## Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (Dr), Turkey 1989 - 1994

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (YI) (Tezli), Turkey 1986 - 1989

Undergraduate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1977 - 1982

## Research Areas

Textile Engineering and Technology, Textile Chemistry, Dye Finishing Technology

## Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1986 - Continues

## Courses

TEKSTİL TERBİYE EKOLOJİK YAKLAŞIMLAR, Undergraduate, 2017 - 2018

TEKSTİL TERBİYESİNDE EKOLOJİK YAKLAŞIMLAR I, Postgraduate, 2017 - 2018

ÇEVRE DOSTU ÜRETİM, Undergraduate, 2017 - 2018

DOĞAL VE REJENERE LİFLERİN TERBİYESİ VE BOYANMASI, Undergraduate, 2017 - 2018

TERBİYE TEKNOLOJİSİ, Undergraduate, 2017 - 2018

TEKSTİL MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2017 - 2018

TEKSTİL TERBİYE İŞLETMELERİNDE EKOLOJİK YAKLAŞIMLAR, Undergraduate, 2017 - 2018

TEKSTİL TERBİYESİNE GİRİŞ, Undergraduate, 2017 - 2018

TEKSTİL TERBİYESİNDE EKOLOJİK YAKLAŞIMLAR II, Postgraduate, 2017 - 2018

ÖN TERBİYE, Undergraduate, 2017 - 2018

BRİÇ, Undergraduate, 2017 - 2018

TEKSTİL MÜHENDİSLİĞİNDE ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ, Postgraduate, 2017 - 2018

## Advising Theses

- ANİŞ P., Evaluation of sericin from silk removed/obtained in textile sector, Postgraduate, E.Kutlu(Student), 2019
- ANİŞ P., Sericin removal from silk fibers with eco-friendly alternative methods, Postgraduate, E.Yener(Student), 2018
- ANİŞ P., Improving of combine enzyme processes on cotton fabrics, Postgraduate, T.Toprak(Student), 2014
- ANİŞ P., Ozone applications to some fabrics for investigating the surface modification and it's effencts on fabrics dyeability, Postgraduate, R.Gürarlan(Student), 2010
- ANİŞ P., A comparative research of classical silicone emulsions and hydrophilic silicone softeners on the effect of fabric handle, colour difference and fastness degree, Postgraduate, E.Özsoy(Student), 2008
- ANİŞ P., A study on combination of cotton fabrics' pre-treatment processes with enzymatic methods, Doctorate, A.Davulcu(Student), 2008
- ANİŞ P., Enzymatic bleaching of cotton fibres, Postgraduate, T.İnkaya(Student), 2006
- ANİŞ P., Decolorisation of dyehouse effluent by advanced oxidative methods, Postgraduate, P.Kurcan(Student), 2006
- ANİŞ P., Examination of the process parameters in alkaline dyeing of polyester and investigation of the economical and ecological advantages of the process, Doctorate, H.Aksel(Student), 2004
- ANİŞ P., Decolourization of waste water by membrane filtration, Postgraduate, M.Kayar(Student), 2003
- ANİŞ P., A research on recovery of sizing by ultrafiltration, Postgraduate, H.Mirzalı(Student), 2002
- ANİŞ P., A Study about the dimensional stability of knitted fabrics with finishing processes, Postgraduate, A.Davulcu(Student), 2002
- ANİŞ P., Investigation of ecological methods aiming to minimize the waste load after dyeing of polyester fibers, Postgraduate, F.Filiz(Student), 2002
- ANİŞ P., Investigation of the rinsing processes after dyeing according to the clean process approach in textile pretreatment, Postgraduate, H.Aksel(Student), 1999
- ANİŞ P., Examining H<sub>2</sub>O<sub>2</sub> and H<sub>2</sub>O<sub>2</sub>/iron ion which are catalyst solutions in decolorization of textile waste waters, Postgraduate, U.Kutluca(Student), 1999

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

- I. **Dyeing Behavior of Enzyme and Chitosan-Modified Polyester and Estimation of Colorimetry Parameters Using Random Forests**  
Toprak Çavdur T., Anış P., Bakir M., Sebatli-Saglam A., Çavdur F.  
FIBERS AND POLYMERS, vol.24, no.1, pp.221-241, 2023 (SCI-Expanded)
- II. **Investigation of the effects of reactive dyes functionality on dyeing behaviors of fabrics and the environment Reaktif boyarmadde fonksiyonelliğinin kumaşların boyanma davranışlarına ve çevreye etkilerinin incelenmesi**  
TOPRAK ÇAVDUR T., ANİŞ P., Çalışkan N.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.38, no.3, pp.1689-1697, 2023 (SCI-Expanded)
- III. **Reaktif boyarmadde fonksiyonelliğinin kumaşların boyanma davranışlarına ve çevreye etkilerinin incelenmesi**  
Toprak Çavdur T., Anış P., Çalışkan N.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.38, no.3, pp.1689-1697, 2023 (SCI-Expanded)
- IV. **Environmentally Friendly Reactive Washing Process: A Case Study**  
Toprak Çavdur T., Anış P., Caliskan N.  
AATCC JOURNAL OF RESEARCH, vol.9, no.5, pp.248-257, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Pamuk Liflerinin Kitosan ile Yüzey Modifikasyonu Sonrası Polielektrolit Poli (Akrilik asidin sodyum tuzu) Varlığında Reaktif Boyanması**

TOPRAK ÇAVDUR T., ANIŞ P.

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.27, no.3, pp.1147-1162, 2022 (Peer-Reviewed Journal)

**II. Enzymatic decolorization of reactive dyeing baths**

TOPRAK ÇAVDUR T., ANIŞ P.

Journal of Textile Engineering & Fashion Technology, vol.4, no.4, pp.308-311, 2018 (Peer-Reviewed Journal)

**III. Enzymatic Decolorization of Reactive Dyeing Baths**

TOPRAK T., ANIŞ P.

Journal of Textile Engineering and Fashion Technology, vol.4, no.4, pp.308-311, 2018 (Peer-Reviewed Journal)

**IV. Textile Industry's Environmental Effects and Approaching Cleaner Production and Sustainability: an overview**

Toprak T., Aniş P.

Journal of Textile Engineering and Fashion Technology, vol.2, no.4, pp.429-442, 2017 (Peer-Reviewed Journal)

**V. Textile Industry's Environmental Effects and Approaching Cleaner Production and Sustainability: an Overview**

TOPRAK T., ANIŞ P.

Journal of Textile Engineering & Fashion Technology, vol.2, no.4, pp.429-442, 2017 (Peer-Reviewed Journal)

## **Books & Book Chapters**

**I. ITMA 2015 Fuarında Sürdürülebilirlik Açısından Ön Terbiye Hatlarına Bakış**

Aniş P., Toprak T.

in: ITMA 2015 Tekstil Makineleri BUTEKOM Teknolojik Değerlendirme Raporu, Ulcay Yusuf, Teke Şengül, Editor, BUTEKOM, Bursa, pp.230-246, 2016

**II. ITMA 2015 FUARI İPLİK BOYAMA MAKİNELERİ**

TOPRAK T., ANIŞ P.

in: ITMA 2015 TEKSTİL MAKİNELERİ, YUSUF ULCAY, ŞENGÜL TEKE, Editor, BUTEKOM BURSA TEKSTİL KONFEKSİYON ARGE MERKEZİ, Bursa, pp.267-281, 2016

**III. ITMA 2015 Fuarı İplik Boyama Makineleri**

Toprak T., Aniş P.

in: ITMA 2015 Tekstil Makineleri BUTEKOM Teknolojik Değerlendirme Raporu, Ulcay Yusuf, Teke Şengül, Editor, BUTEKOM, Bursa, pp.267-281, 2016

**IV. ITMA 2015 Fuarında Sürdürülebilirlik Açısından Ön Terbiye Hatlarına Bakış**

ANIŞ P., TOPRAK T.

in: ITMA 2015 TEKSTİL MAKİNELERİ, YUSUF ULCAY, ŞENGÜL TEKE, Editor, BUTEKOM BURSA TEKSTİL KONFEKSİYON ARGE MERKEZİ, Bursa, pp.230-246, 2016

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

**I. An Environmetally Friendly Dyeing for Cotton Fabric**

ANIŞ P., KARA A., TOPRAK T., KUTLU E.

Uludağ Üniversitesi VII. Bilgilendirme ve Ar-Ge Günleri, Turkey, 3 - 04 April 2018

**II. An Environmetally Friendly Dyeing for Cotton Fabric**

ANIŞ P., KARA A., TOPRAK ÇAVDUR T., KUTLU E.

Uludağ Üniversitesi VII. Bilgilendirme ve Ar-Ge Günleri, Bursa, Turkey, 3 - 04 April 2018

**III. Enzyme Applications in Textile Finishing Processes and Combined One-bath Desizing-Scouring-Depilling Enzymatic Process and Effect of Some Process Parameters**

Toprak T., Aniş P.

8th Annual Global Congress of Catalysis-2017, Shanghai, China, 20 - 22 October 2017, pp.197

**IV. Investigation of the Effects of Enzymatic Finishing Processes on the Dyeing Properties of Cotton-**

## **Polyester and Polyester Fabrics**

Toprak T., Anış P.

9th Central European Conference, Liberec, Czech Republic, 11 - 13 September 2017, pp.73-74

- V. **Tekstil Sektörü ve Sürdürülebilirlik**  
Anış P., Toprak T.  
16.International The Recent Progress Symposium on Textile Technology and Chemistry, Bursa, Turkey, 4 - 06 May 2017, pp.331-344
- VI. **An Alternative Greener Processes for Textile Pre-treatments**  
TOPRAK ÇAVDUR T., ANIŞ P.  
6th International Technical Textile Congress (ITTC), İzmir, Turkey, 14 - 16 October 2015
- VII. **An Alternative Greener Processes for Textile Pre Treatments**  
Toprak T., Anış P.  
6th International Technical Textiles Congress, İzmir, Turkey, 14 - 16 October 2015, pp.295-297
- VIII. **Effect of Combine Enzymatic Pre-Treatment Processes on the Performance of Cotton Fabric**  
TOPRAK T., ANIŞ P.  
5th International Istanbul Textile Congress 2015: Innovative Technologies "Inspire to Innovate", İstanbul, Turkey, 11 - 12 September 2015, pp.226-232
- IX. **Effect of Combine Enzymatic Pre Treatment Processes on thePerformance of Cotton Fabric**  
Toprak T., Anış P.  
5th International Istanbul Textile Congress 2015: "Inspire toInnovate", İstanbul, Turkey, 11 - 12 September 2015, pp.88
- X. **Pamuklu Kumaşlarda Kombine Enzim Kullanımı**  
Toprak T., Anış P.  
15.Tekstil Teknolojisi ve Kimyasındaki Son Gelişmeler Sempozyumu: Ekoloji, Ekonomi, Verimlilik ve İnsan, Bursa, Turkey, 14 - 16 May 2015, pp.61
- XI. **Pamuklu Kumaslarda Kombine Enzim Kullanımı**  
TOPRAK T., ANIŞ P.  
15.Tekstil Teknolojisi ve Kimyasındaki Son Gelismeler Sempozyumu, Turkey, 14 - 16 May 2015
- XII. **Reaktif Boyama Sonrası Yıkama İşlemlerinde Sudan Tasarruf Sağlayacak Ekolojik ve Ekonomik Yaklaşım**  
Anış P., Toprak T.  
ULUDAĞ ÜNİVERSİTESİ BİLGİLENDİRME VE AR-GE GÜNLERİ, Bursa, Turkey, 12 - 14 November 2014
- XIII. **Çevre Dostu Anti-bakteriyel Tekstil**  
TOPRAK ÇAVDUR T., ANIŞ P.  
Uludağ Üniversitesi IV. Bilgilendirme ve Ar-Ge Günleri, Bursa, Turkey, 11 - 13 November 2014
- XIV. **Enzimatik Kombine Ön Terbiye İşlemlerin Kumaş Yırtılma Mukavemeti ve Hidrofilitesine Etkisi**  
TOPRAK ÇAVDUR T., ANIŞ P.  
Uludağ Üniversitesi IV. Bilgilendirme ve Ar-Ge Günleri, Bursa, Turkey, 11 - 13 November 2014
- XV. **Reinforced Concretes**  
Toprak T., Anış P.  
14th Autex World Textile Conference 2014, Bursa, Turkey, 26 - 28 May 2014, pp.148
- XVI. **Reinforced Concretes**  
TOPRAK ÇAVDUR T., ANIŞ P.  
14th AUTEX World Textile Conference, Bursa, Turkey, 26 - 28 May 2014, pp.148
- XVII. **Çözümlü İplikleri İçin Yeni Ekolojik ve Ekonomik Haşılama**  
Anış P., Toprak T.  
ULUDAĞ ÜNİVERSİTESİ BİLGİLENDİRME VE AR-GE GÜNLERİ, Bursa, Turkey, 12 - 14 November 2013
- XVIII. **Reaktif Boyama Sonrası Yıkama İşlemlerinde Sudan Tasarruf Sağlayacak Ekolojik ve Ekonomik Yaklaşım**  
ANIŞ P., TOPRAK ÇAVDUR T.  
Uludağ Üniversitesi III. Bilgilendirme ve Ar-Ge Günleri, Bursa, Turkey, 12 - 14 November 2013

**XIX. özgü İplikleri İin Yeni Ekolojik ve Ekonomik Haşillama**

ANİŞ P., TOPRAK AVDUR T.

Uludağ Üniversitesi III. Bilgilendirme ve Ar-Ge Günleri, Bursa, Turkey, 12 - 14 November 2013

**Metrics**

Publication: 56

Citation (WoS): 181

Citation (Scopus): 224

H-Index (WoS): 7

H-Index (Scopus): 8

**Non Academic Experience**

Tunalılar AŞ