

# Prof. ÖZCAN ÖZDEMİR

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: B-1488-2019

ScopusID: 8577587200

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## Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (Dr), Turkey 1986 - 1991

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (YI) (Tezli), Turkey 1983 - 1985

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Tekstil Mühendisliği Bölümü, Turkey 1977 - 1982

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Engineering and Technology

## Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 2007 - Continues

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 2000 - 2007

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1992 - 2000

Lecturer, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1987 - 1992

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1983 - 1987

## Courses

Kimyasal Lif. Ring İp. İşlenmesi-, Undergraduate, 2017 - 2018

İplik Geometrisi, Postgraduate, 2017 - 2018

Teknik Tekstil İplikleri, Postgraduate, 2017 - 2018

Fantazi İplik Ür. ve Özellikleri, Undergraduate, 2017 - 2018

İleri İplik Teknolojisi, Postgraduate, 2017 - 2018

İpliklerin Mekanik Özellikleri-DOKTORA, Doctorate, 2017 - 2018

Fantazi İplik Teknolojisi, Postgraduate, 2017 - 2018

## Advising Theses

- ÖZDEMİR Ö., Effect of production parameters of cut acrylic fiber and blended yarns on yarn and fabric properties, Postgraduate, S.Sena(Student), 2020
- ÖZDEMİR Ö., The effect of filament cross section shape and texturing process parameters on yarn and fabric properties in polyester textured yarns, Postgraduate, F.Ahmet(Student), 2019
- ÖZDEMİR Ö., An investigation about the properties of the slub yarn which are produced by using ring and open-end rotor spinning machine for denim fabrics, Postgraduate, B.Fidan(Student), 2013
- ÖZDEMİR Ö., An investigation into the factors affecting the properties of soybean yarn, Postgraduate, E.Şerife(Student), 2012
- ÖZDEMİR Ö., Design and manufacturing of prototype flocking machine and production of flock yarn, Postgraduate, B.Orhaneddin(Student), 2010
- ÖZDEMİR Ö., An investigation into the factors affecting the properties of bamboo yarns, Postgraduate, İ.Özsev(Student), 2008
- ÖZDEMİR Ö., Vacuum steaming processes of yarns and its effects on yarn properties, Doctorate, S.Şardağ(Student), 2008
- ÖZDEMİR Ö., An investigation into the parameters affecting chenille yarn properties, Doctorate, E.Kenan(Student), 2007
- ÖZDEMİR Ö., A research into the effects of the twist setting on the wool yarns properties, Postgraduate, G.Gülrodop(Student), 2006
- ÖZDEMİR Ö., An Investigation of about the effect of some production parameters on yarn properties at chenille spinning machines, Postgraduate, E.Kenan(Student), 2002
- ÖZDEMİR Ö., An Investigation about the factors that effects tenacity properties of blend yarns, Postgraduate, S.Alper(Student), 2001
- ÖZDEMİR Ö., Examining the effects of changing some of the production parameters on the properties of core yarns produced on a ring spinning machine, Postgraduate, N.Yeşilkütük(Student), 2000
- ÖZDEMİR Ö., Examination of effects of some production parameters on the yarn properties at ring yarn mashines, Postgraduate, Ş.Kahraman(Student), 1999
- ÖZDEMİR Ö., Investigation of the effect of twist amount on mechanical properties of single and double ply continuous polyester yarns, Postgraduate, S.Kesim(Student), 1996
- ÖZDEMİR Ö., A study on the effect of some production parameters on yarn properties in fancy twisting machines, Postgraduate, K.Kutlu(Student), 1996
- ÖZDEMİR Ö., Investigation of shortening due to twist in single and double layered continuous polyester yarns, Postgraduate, E.Genç(Student), 1995
- ÖZDEMİR Ö., A research on the effect of twist fixing conditions to yarn properties, Postgraduate, M.Dayık(Student), 0001

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

- I. **Development and characterization of conductive textile (polyester fabric) for wearable electronics by using electroless metallization**  
Hassan Z., Atalay Ö., Kalaoğlu F., Ozat F. A., ÖZDEMİR Ö., KESİMCİ M. O.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.115, no.8, pp.1312-1324, 2024 (SCI-Expanded)
- II. **Influence of flock coating on the thermophysiological comfort properties of woven cotton fabric**  
KESİMCİ M. O., Demirel H., ÖZDEMİR Ö., KANIK M.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.114, no.3, pp.398-411, 2022 (SCI-Expanded)
- III. **Effects of vacuum steaming processes on the properties of continuous and staple polyester yarns**  
ŞARDAĞ S., ÖZDEMİR Ö.  
TEXTILE RESEARCH JOURNAL, vol.85, no.12, pp.1247-1257, 2015 (SCI-Expanded)
- IV. **Effects of Vacuum Steaming Process on the Twist Liveliness of Staple Yarns**  
ŞARDAĞ S., ÖZDEMİR Ö.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.21, no.5, pp.49-53, 2013 (SCI-Expanded)
- V. **The effects of tandem and conventional vacuum steaming methods on the properties of yarns**

- ŞARDAĞ S., ÖZDEMİR Ö.  
TEXTILE RESEARCH JOURNAL, vol.82, no.2, pp.183-194, 2012 (SCI-Expanded)
- VI. **THE EFFECTS OF VACUUM STEAMING PROCESS PARAMETERS ON TENACITY PROPERTIES OF COTTON AND VISCOSE YARNS**  
ŞARDAĞ S., ÖZDEMİR Ö., KANIK M.  
TEKSTİL VE KONFEKSİYON, vol.21, no.4, pp.343-348, 2011 (SCI-Expanded)
- VII. **The Effect of Vacuum Steaming Processes on Physical and Dyeability Properties of Polyamide 6 Yarns**  
ŞARDAĞ S., KANIK M., ÖZDEMİR Ö.  
TEXTILE RESEARCH JOURNAL, vol.80, no.15, pp.1531-1539, 2010 (SCI-Expanded)
- VIII. **Effect of Chenille Yarns Produced with Selected Comfort Fibres on the Abrasion and Bending Properties of Knitted Fabrics**  
KAVUŞTURAN Y., ÇEVEN E. K., ÖZDEMİR Ö.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.18, no.1, pp.48-53, 2010 (SCI-Expanded)
- IX. **The effect of vacuum steaming parameters on the physical properties of chenille yarns**  
ÇEVEN E. K., ÖZDEMİR Ö.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.16, no.2, pp.35-40, 2008 (SCI-Expanded)
- X. **The effects of heat-setting on the properties of polyester/viscose blended yarns**  
ŞARDAĞ S., ÖZDEMİR Ö., Kara I.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.15, no.4, pp.50-53, 2007 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Effects of Twisting Methods on Plied Yarn Properties**  
ÖZDEMİR Ö., ŞARDAĞ S., KALAOĞLU F.  
INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH, vol.31, pp.394-400, 2006 (Scopus)
- II. **LITERATURE SURVEY ON ABRASION PROBLEM IN CHENILLE YARNS**  
ÇEVEN E. K., ÖZDEMİR Ö.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.12, no.1, pp.127-134, 2006 (ESCI)
- III. **İpliklerde Vakumlu Buharlama İşlemleri Uygulama Alanları ve Gelişmeler**  
ÖZDEMİR Ö., ŞARDAĞ S.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.11, no.2, pp.239-248, 2005 (Peer-Reviewed Journal)

### Books & Book Chapters

- I. **ITMA 2015' de Kısa Lif İplik Teknolojisinde kullanılan cer, fitil, ring iplik makineleri ve iplikhane kontrol sistemlerindeki gelişmeler**  
ŞARDAĞ S., ÖZDEMİR Ö.  
in: ITMA 2015 TEKSTİL MAKİNELERİ Butekom Teknolojik Değerlendirme Raporu, Prof.Dr.Yusuf ULÇAY, Şengül TEKE, Editor, butekom, Bursa, pp.118-127, 2016
- II. **ITMA 2015'xx de kısa lif iplik teknolojisinde kullanılan harman-hallaç dairesi, tarak ve penye dairesi makinelerindeki gelişmeler**  
ŞARDAĞ S., ÖZDEMİR Ö.  
in: ITMA 2015 TEKSTİL MAKİNELERİ Butekom teknolojik değerlendirme raporu, Prof.dr.Yusuf ulçay, şengül teke, Editor, Bursa tekstil ve konfeksiyon AR-GE merkezi, Bursa, pp.141-150, 2016
- III. **ITMA 2015' de Kısa Lif İplik Teknolojisinde Kullanılan Harman-Hallaç Dairesi, Tarak ve Penye Dairesi Makinelerindeki Gelişmeler**

ŞARDAĞ S., ÖZDEMİR Ö.

in: ITMA 2015 Tekstil Makineleri, BUTEKOM Teknolojik Değerlendirme Raporu, , Editor, Uludağ İhracatçı Birlikleri, Bursa, pp.141-150, 2016

**IV. ITMA 2015' de Kısa Lif İplik Teknolojisinde Kullanılan Cer, Fitol, Ring İplik Makineleri ve İplikhane Kontrol Sistemlerindeki Gelişmeler**

ŞARDAĞ S., ÖZDEMİR Ö.

in: ITMA 2015 Tekstil Makineleri, BUTEKOM Teknolojik Değerlendirme Raporu, , Editor, Uludağ İhracatçı Birlikleri, Bursa, pp.118-127, 2016

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

- I. **Farklı Kesit Şekline Sahip Tekstüre Poliester İpliklerden Örülen Kumaşların Termo-Fiziksel Özellikleri**  
ÖZAT A. F., YILMAZ D., KESİMCİ M. O., ÖZDEMİR Ö.  
Ulusal Çukurova Tekstil Kongresi, UÇTEK2019, Adana, Turkey, 26 - 27 September 2019
- II. **Influence of High-Bulk Acrylic and Wool Fiber Blending Ratio on Comfort Properties of Knitted Fabrics.**  
ÇOLAK S. S., KESİMCİ M. O., ÖZDEMİR Ö.  
International Symposium on Engineering Natural Sciences and Architecture, ISENSA2019, Kocaeli, Turkey, 2 - 04 May 2019
- III. **Filament Kesit şeklinin ve tekstüre işleminin polyester iplik sıvı emiciliği üzerine etkisinin incelenmesi.**  
KESİMCİ M. O., ÜLKÜ E., ULU İ., ERKEK E., ÖZDEMİR Ö.  
5. Uluslararası Lif ve Polimer Araştırmaları Sempozyumu, İstanbul, Turkey, 2 - 03 May 2019
- IV. **Properties of Drawn Textured Polyester Yarns of Different Cross-Sectional Fibers**  
ÖZAT A. F., YILMAZ D., KESİMCİ M. O., ÖZDEMİR Ö.  
2nd International Congress of Innovative Textiles, ICONTEX2019, Tekirdağ, Turkey, 17 - 18 April 2019
- V. **Drop Spreading Dynamics On Flocked Surfaces**  
KESİMCİ M. O., SÜVARİ F., ÖZDEMİR Ö.  
16th World Textile Conference AUTEX 2016, Ljubljana, Slovenia, 8 - 10 June 2016, vol.1, pp.1-5
- VI. **A New Method For Manufacturing Of Fancy Yarn: Fancy Yarn Production With Flocking Technique**  
ÖZDEMİR Ö., KANIK M., ŞARDAĞ S., GENÇ A., GENÇ A.  
XIII th International İzmir Textile and Apparel Symposium, 2 - 05 April 2014
- VII. **Fantezi İplik Üretimi İçin Yeni Bir Yöntem: Floklama Tekniği İle Fantezi İplik Üretimi**  
ÖZDEMİR Ö., KANIK M., ŞARDAĞ S., GENÇ A.  
XIII. Uluslararası İzmir Tekstil ve Hazır Giyim Sempozyumu, 2 - 05 April 2014, pp.296-297
- VIII. **Floklü Yüzeylerin Otomotiv Endüstrisinde Kullanımı Ve Sağladığı Avantajlar**  
KANIK M., ŞARDAĞ S., ÖZDEMİR Ö.  
OTEKON 2012-6. Otomotiv Teknolojileri Kongresi, Turkey, 4 - 05 June 2012
- IX. **Investigation of Regenerated Bamboo, Cotton and Bamboo/Cotton Blend Yarn Characteristics**  
YÜKSEK İ. Ö., ÖZDEMİR Ö.  
The Fiber Society Spring 2010 International Conference on Fibrous Materials, 12 May 2010
- X. **Investigation of Pile Loss in Chenille Upholstery Fabrics**  
Çeven E. K., Özdemir Ö.  
2nd International İstanbul Textile Congress, İstanbul, Turkey, 22 - 24 April 2004, pp.1-8

## **Patent**

Kanik M., Özdemir Ö., Genç A., Çeven E. K., Orhaneddin B., "Floklü İplik, Fitol, Kordon, Şerit Üretim Hattı, Patent, CHAPTER

D Textile; Paper, The Invention Registration Number: 2008 08141 , Standard Registration, 2010

## **Metrics**

Publication: 30

Citation (WoS): 39

Citation (Scopus): 45

H-Index (WoS): 4

H-Index (Scopus): 4

## **Non Academic Experience**

Uludağ Üniversitesi Mühendislik -Mimarlık Fakültesi Tekstil Mühendisliği Bölümü