

## Assoc. Prof. EREN ÖNER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: P-2193-2018

ScopusID: 55754969600

Yoksis Researcher ID: 121505

### Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği (Dr), Turkey 2009 - 2015

Undergraduate, Anadolu University, İşletme Fakültesi, İşletme Bölümü, Turkey 2004 - 2010

Postgraduate, Pamukkale University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği (YI) (Tezli), Turkey 2006 - 2009

Undergraduate, Pamukkale University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, Turkey 2002 - 2006

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Çeşitli liflerden üretilen kumaşlardan yapılan spor giysilerinin termal konforunun değerlendirilmesi ve geliştirilmesi, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği (Dr), 2015

Postgraduate, Dokuma kumaşların konfor özellikleri üzerine bir araştırma, Pamukkale University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği (YI) (Tezli), 2008

### Research Areas

Textile Engineering and Technology, Yarn Technology (Spinning, weaving, knitting), Cloth Technology, Textile Quality Control

### Academic Titles / Tasks

Associate Professor, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Tekstil Mühendisliği Bölümü, 2020 - Continues

Assistant Professor, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Tekstil Mühendisliği Bölümü, 2017 - 2020

Research Assistant, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Tekstil Mühendisliği Bölümü, 2015 - 2017

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, 2010 - 2015

Research Assistant, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Tekstil Mühendisliği Bölümü, 2010 - 2010

## Academic and Administrative Experience

Director of the Center, Usak University, Deri Tekstil ve Seramik Tasarım Uygulama ve Araştırma Merkezi, Deri Tekstil ve Seramik Tasarım Uygulama ve Araştırma Merkezi, 2022 - Continues

Deputy Director of the Center, Usak University, BİLİMSEL ANALİZ VE TEKNOLOJİK UYGULAMA VE ARAŞTIRMA MERKEZİ, BİLİMSEL ANALİZ VE TEKNOLOJİK UYGULAMA VE ARAŞTIRMA MERKEZİ, 2018 - 2022

Deputy Head of Department, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Tekstil Mühendisliği Bölümü, 2018 - 2020

## Courses

İplik Teknolojisi I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Tez Çalışması II, Postgraduate, 2019 - 2020  
İplik Teknolojisi II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Teknik İngilizce I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
İplikçilik Esasları, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Bitirme Ödevi Stajı II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Sosyal Sorumluluk Projesi II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
İplikçilik Uygulamaları, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Bitirme Projesi, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Sosyal Sorumluluk Projesi I, Undergraduate, 2019 - 2020, 2018 - 2019  
Tekstilde Isıl Konfor, Doctorate, 2019 - 2020  
Spor Giyim Teknolojisi ve Test Yöntemleri, Postgraduate, 2019 - 2020  
Temel Bilgisayar Bilimleri, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Tez Çalışması I, Postgraduate, 2019 - 2020  
Teknik İngilizce II, Undergraduate, 2019 - 2020  
Uzmanlık Alan Dersi I, Postgraduate, 2019 - 2020  
Uzmanlık Alan Dersi II, Postgraduate, 2019 - 2020  
Tekstilde Geri Dönüşüm, Postgraduate, 2019 - 2020, 2018 - 2019  
Modern İplik Eğirme Sistemleri, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Tekstil Fabrika Organizasyonu, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Bitirme Ödevi Stajı I, Undergraduate, 2018 - 2019, 2017 - 2018  
Seminer, Postgraduate, 2018 - 2019  
Spor Giyim Yöntemleri ve Test Yöntemleri, Postgraduate, 2018 - 2019  
Doğal Lifler, Undergraduate, 2017 - 2018

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

- I. **The Effects of Fiber Type, Elastane (El) Usage, and Knit Structure on the Moisture Management Properties of Sandwich-Type Double-Face Knitted Fabrics**  
Gun A. D., Akıncalı M., ÖNER E.  
Fibers and Polymers, vol.24, no.10, pp.3723-3742, 2023 (SCI-Expanded)
- II. **Investigation of the use of hemp fibers in recycling spinning**  
ÖNER E., Kaya S.  
Acta Scientiarum - Technology, vol.45, 2023 (SCI-Expanded)

- III. **Investigation of the Thermal Comfort Properties of Masks Used during the COVID-19 Pandemic**  
ÖNER E., Seçkin A. Ç., Egeli D., Seçkin M.  
International Journal of Environmental Research and Public Health, vol.19, no.18, 2022 (SCI-Expanded)
- IV. **Development of upholstery electro-fabric for smart textile applications**  
COŞKUN H., ÖNER E.  
Journal of Industrial Textiles, vol.51, no.2\_suppl, 2022 (SCI-Expanded)
- V. **Woven Fabric Produced from Coaxial Yarn for Touch Sensing and Optimization**  
Egeli D., Seckin M., Seckin A. C., ÖNER E.  
IEEE Sensors Journal, vol.22, no.6, pp.5969-5977, 2022 (SCI-Expanded)
- VI. **Thermophysiological comfort properties of woven fabrics produced from hybrid yarns containing copper wires**  
ÖNER E., Seckin A. C., COŞKUN H., Kole D. E.  
Journal of Industrial Textiles, vol.51, no.6, pp.926-952, 2022 (SCI-Expanded)
- VII. **Investigation of the quality properties of open-end spun recycled yarns made from blends of recycled fabric scrap wastes and virgin polyester fibre**  
DEMİRÖZ GÜN A., ÖNER E.  
Journal of the Textile Institute, vol.110, no.11, pp.1569-1579, 2019 (SCI-Expanded)
- VIII. **A Research on the Mechanical Properties of Worsted Fabrics Made of High Tenacity Polyamide**  
Yavuzkasap Ayakta D., ÖNER E., Celikkiran S.  
Fibers and Polymers, vol.20, no.11, pp.2426-2432, 2019 (SCI-Expanded)
- IX. **Mechanical and Thermal Properties of Knitted Fabrics Produced from Various Fiber Types**  
ÖNER E.  
Fibers and Polymers, vol.20, no.11, pp.2416-2425, 2019 (SCI-Expanded)
- X. **Impact of repeated home laundering on the cyclic deformation performance of elastane knitted sportswear fabrics**  
SÜLAR V., ÖNER E.  
Fibres and Textiles in Eastern Europe, vol.27, no.1, pp.91-99, 2019 (SCI-Expanded)
- XI. **A new technique to measure pressure in medical compression stockings**  
ÖNER E., Durur G., Cansunar H. E.  
Textile Research Journal, vol.88, no.22, pp.2579-2589, 2018 (SCI-Expanded)
- XII. **A novel approach for precise determination of in-plane shear behavior of woven fabrics**  
ÜREN N., ÖNER E., Okur A.  
Textile Research Journal, vol.87, no.11, pp.1335-1348, 2017 (SCI-Expanded)
- XIII. **A comparative study on performance properties of yarns and knitted fabrics made of biodegradable and conventional fibers**  
SÜLAR V., ÖNER E., Devrim G., Aslan M., Eser B.  
Fibers and Polymers, vol.17, no.12, pp.2085-2094, 2016 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Investigation of Consumer Attitudes towards the Recycling of Post-Consumer Textile Waste**  
ÖNER E.  
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Online), vol.6, no.3, pp.2009-2022, 2023 (Peer-Reviewed Journal)
- II. **Development of a novel thermal mannequin system for thermal comfort measurements**  
Egeli D., ÖNER E., Seckin A. C., Seckin M.  
Journal of Biomimetics, Biomaterials and Biomedical Engineering, vol.57, pp.89-96, 2022 (ESCI)
- III. **Effects of fabric composition and construction on the performance properties of the worsted fabrics**  
YAVUZKASAP AYAKTA D., ÇELİKKIRAN S., ÖNER E.  
Usak University Journal of Engineering Sciences, vol.3, no.2, pp.90-104, 2020 (Peer-Reviewed Journal)

- IV. **The Effect of Cashmere Fibres on the Thermal Comfort Properties of Worsted Fabrics**  
YAVUZKASAP AYAKTA D., ÖNER E.  
European Journal of Engineering and Applied Sciences, vol.3, no.1, pp.1-4, 2020 (Peer-Reviewed Journal)
- V. **Kenevir Liflerinin Eldesi, Karakteristik Özellikleri ve Tekstil Endüstrisindeki Uygulamaları**  
KAYA S., ÖNER E.  
JOURNAL OF GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES OF MEHMET AKIF ERSOY UNIVERSITY,  
vol.11, no.1, pp.108-123, 2020 (Peer-Reviewed Journal)
- VI. **The Impact of Machine and Construction Settings on Sliver and Yarn Quality in Ring Spinning Process**  
ÖNER E., EVSEVER KÖLE D.  
Nevşehir Bilim ve Teknoloji Dergisi, vol.8, pp.111-117, 2019 (Peer-Reviewed Journal)
- VII. **Comfort and Performance Properties of The Cellulose Based Woven Fabrics**  
YAVUZKASAP AYAKTA D., CİNPERİ N., ÇELİKKIRAN S., ÖNER E.  
Muğla Journal of Science and Technology, vol.5, no.1, pp.100-104, 2019 (Peer-Reviewed Journal)
- VIII. **Elastan Özlü Pamuk İpliklerinin Kalite Özelliklerinin Araştırılması**  
ÖNER E.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, no.1, pp.342-351, 2019 (Peer-Reviewed Journal)
- IX. **UNDERWEAR PURCHASING BEHAVIOR OF TURKISH CONSUMERS AND A QUALITY FUNCTION DEPLOYMENT APPLICATION TÜRK TÜKETİCİLERİN İÇ GİYSİ SATIN ALMA DAVRANIŞLARI VE KALİTE FONKSİYON GÖÇERİMİ UYGULAMASI**  
Atasağun H. G., ÖNER E., Boyacı B., Okur A.  
Tekstil ve Muhendis, vol.26, no.114, pp.168-176, 2019 (Scopus)
- X. **Materyal Üretim Teknolojisi ve Kumaş Yapısının Termal Konfora Etkileri**  
ÖNER E., OKUR A.  
TEKSTİL VE MUHENDİS, vol.17, no.80, pp.20-29, 2010 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Thermal Properties of Cycling Clothing Fabrics with Different Raw Materials and Physical Properties**  
AKKAN İ., ORDU D. S., ÖNER E.  
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August 2023
- II. **Investigation of the Performance of Hemp-Containing Recycled Fabrics with Digital Design**  
ŞEVKAN MACİT A., AYTEKİN F., KAYA S., ÖNER E.  
2022 4th International Conference on Sustainable Technologies for Industry 4.0 (STI 2022), Dhaka, Bangladesh, 17 December 2022, vol.1, pp.754-761
- III. **Investigation on Modification of Hemp Fibers with Different Chemical Treatments**  
KAYA S., ASLAN M. Y., ÖNER E.  
9th International Fiber and Polymer Symposium, Uşak, Turkey, 19 - 20 November 2021, vol.1, pp.30-32
- IV. **3D Printed Thermal Mannequin System for Measurement of Sportswear Comfort**  
EGELİ D., ÖNER E., SEÇKİN A. Ç., SEÇKİN M.  
20th Autex World Textile Conference, Guimaraes, Portugal, 5 - 09 September 2021, vol.1, pp.223-225
- V. **The Impact of Machine and Construction Settings on Sliver and Yarn Quality in Ring Spinning Process**  
ÖNER E., EVSEVER KOLE D.  
2nd International Congress on Engineering and Architecture (ENAR), MARMARİS/MUĞLA, Turkey, 22 - 24 April 2019
- VI. **The Effect of Cashmere Fibres on the Thermal Comfort Properties of Worsted Fabrics**  
YAVUZKASAP AYAKTA D., ÖNER E.  
2nd International Congress of Innovative Textiles ICONTEX, Tekirdağ/Çorlu, Turkey, 17 - 19 April 2019, vol.1,

pp.61-66

- VII. **Performance of the Double Face Lightweight Woven Fabrics from Sustainable Yarns**  
YAVUZKASAP AYAKTA D., SÜLAR V., ÖNER E.  
7th International Technical Textiles Congress, İzmir, Turkey, 10 - 12 October 2018, pp.69-72
- VIII. **The effect of cotton fibre characteristic on yarn properties**  
ÖNER E., Topcuoglu S., Kutlu O.  
Aegean International Textile and Advanced Engineering Conference, AITAE 2018, Lesvos, Greece, 5 - 07 September 2018, vol.459
- IX. **Moisture management properties of Cupro knitted fabrics**  
Durur G., ÖNER E., Gunduz G.  
17th World Textile Conference: Shaping the Future of Textiles, AUTEX 2017, Corfu, Greece, 29 - 31 May 2017, vol.254
- X. **Simulation of the pile loop for terry woven fabrics**  
ÖNER E., Durur G., Sirin B.  
17th World Textile Conference: Shaping the Future of Textiles, AUTEX 2017, Corfu, Greece, 29 - 31 May 2017, vol.254
- XI. **Evaluation of Thermophysiological Comfort Properties of the Designed T Shirts with Wear Trials**  
ÖNER E., OKUR A.  
The 90th Textile Institute World Conference, Poznan, Poland, 25 - 28 April 2016, vol.1, pp.142-150
- XII. **Thermophysiological comfort properties of sportswear produced from advantageous fiber types and fabric structures**  
ÖNER E., OKUR A.  
15th Romanian Textiles and Leather Conference CORTEP 2014, Brasov, Romania, 4 - 06 September 2014
- XIII. **The Impact Of Elastane On Comfort Properties Of Knitted Fabrics**  
ÖNER E., ATASAĞUN H. G., OKUR A., BEDEN A. R.  
14th Autex World Textile Conference, Bursa, Turkey, 26 - 28 May 2014
- XIV. **The Influence of Fiber Type on Transfer Properties of Knitted Fabrics**  
ÖNER E., ATASAĞUN H. G., OKUR A., BEDEN A. R.  
13th Autex World Textile Conference, Dresden, Germany, 22 - 24 May 2013
- XV. **The Assessment of Thermophysiological Comfort for Viloft Blended Knitted Fabrics in Wear Trials**  
ATASAĞUN H. G., ÖNER E., OKUR A., ALİ RIZA B.  
13th Autex World Textile Conference, Dresden, Germany, 22 - 24 May 2013
- XVI. **Evaluation of Moisture Management Properties on Knitted Fabrics**  
ÖNER E., ATASAĞUN H. G., OKUR A., BEDEN A. R., DURUR G.  
12th Autex World Textile Conference, Zadar, Croatia, 13 - 15 June 2012
- XVII. **The Frictional and Roughness Properties of Woven Fabrics Made of Polyester Filament Yarns**  
SÜLAR V., ÖNER E., OKUR A.  
12th Autex World Textile Conference, Zadar, Croatia, 13 - 15 June 2012
- XVIII. **Relationship Between Roughness and Frictional Properties of Fabrics**  
SÜLAR V., ÖNER E., OKUR A.  
ICONTEX (International Congress of Innovative Textiles), İstanbul, Turkey, 20 - 22 October 2011

## Metrics

Publication: 41

Citation (Scopus): 66

H-Index (Scopus): 6

## **Non Academic Experience**

Zorel Tekstil Ltd. Őti.