

## Prof. MİNE AKGÜN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-9756-2021

ScopusID: 9839293900

Yoksis Researcher ID: 122800

### Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (Dr), Turkey 2005 - 2011

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Tekstil Mühendisliği Bölümü, Turkey 1996 - 2000

### Foreign Languages

English, C1 Advanced

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Professor, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2022 - Continues

Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2018 - 2022

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 2014 - 2018

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 2011 - 2014

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 2002 - 2011

### Courses

DESIGN METHODS IN TEXTILE I, Undergraduate, 2023 - 2024, 2022 - 2023

TEK4074 MÜHENDİSLİK ETİĞİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

BİTİRME PROJESİ , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

TEK4004 DOKUMA ANALİZİ VE TASARIMI , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

YÜKSEK LİSANS UZMANLIK ALAN DERSİ II, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

YÜKSEK LİSANS TEZ DANIŞMANLIĞI, Postgraduate, 2023 - 2024, 2022 - 2023

BİTİRME PROJESİ HAZIRLIK DERSİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
İLERİ DOKUMA KUMAŞ TASARIM TEKNİKLERİ VE YAPILARI, Postgraduate, 2023 - 2024, 2022 - 2023  
YÜKSEK LİSANS UZMANLIK ALAN DERSİ I, Postgraduate, 2023 - 2024, 2022 - 2023  
TEK2007 DOKUMACILIK ESASLARI, Undergraduate, 2023 - 2024  
TEK3099 TASARIM SİSTEMİ VE YÖNETİMİ (GÜZ YY), Undergraduate, 2023 - 2024, 2022 - 2023  
DOKUMA TEKNOLOJİSİ, Undergraduate, 2022 - 2023  
TEK4075E DESIGN METHODS IN TEXTILE II , Undergraduate, 2023 - 2024, 2022 - 2023  
TEK5041 DOKUMA KUMAŞ GEOMETRİSİ VE MEKANİĞİ, Postgraduate, 2023 - 2024, 2022 - 2023  
TEK2026 DOKUMACILIK ESASLARI, Undergraduate, 2022 - 2023  
YÜKSEK LİSANS TEZ DANIŞMANLIĞI , Postgraduate, 2023 - 2024, 2022 - 2023  
TEK5053 - DOKUMA KUMAŞ MORFOLOJİSİ, Postgraduate, 2023 - 2024  
TEK 4002 BİTİRME PROJESİ (GÜZ YY), Undergraduate, 2022 - 2023  
TEK3074 TEKSTİLDE TASARIM YÖNTEMLERİ I (BAHAR YY), Undergraduate, 2017 - 2018  
TEK3086 TASARIM İLKELERİ VE METOTLARI (BAHAR), Undergraduate, 2017 - 2018  
TEK4074 MÜHENDİSLİK ETİĞİ (İÖ) (BAHAR), Undergraduate, 2017 - 2018  
TEK3086 TASARIM İLKELERİ VE METOTLARI (İÖ) (BAHAR), Undergraduate, 2017 - 2018  
TEK4004 DOKUMA NALİZİ VE TASARIMI (İÖ) (BAHAR), Undergraduate, 2017 - 2018  
TEK1011 TEKSTİL MÜHENDİSLİĞİNE GİRİŞ (I.Ö.) (GÜZ YY), Undergraduate, 2016 - 2017  
TEK3099 TASARIM SİSTEMİ (II.Ö.) (GÜZ YY), Undergraduate, 2016 - 2017  
TEK4075 TEKSTİLDE TASARIM YÖNTEMLERİ II (I.Ö.) (GÜZ YY), Undergraduate, 2016 - 2017  
TEK4075 TEKSTİLDE TASARIM YÖNTEMLERİ II (II.Ö.) (GÜZ YY), Undergraduate, 2016 - 2017  
TEK3099 TASARIM SİSTEMİ (I.Ö.) (GÜZ YY), Undergraduate, 2016 - 2017  
TEK4105 BİTİRME PROJESİ HAZIRLIK DERSİ (II.Ö.) (GÜZ YY), Undergraduate, 2016 - 2017

## Advising Theses

Akgün M., FARKLI YAPISAL PARAMETRELERİN DENİM KUMAŞ PERFORMANSINA ETKİLERİNİN ARAŞTIRILMASI, Postgraduate, M.RAHMAN(Student), 2024  
Akgün M., Auxetic dokuma kumaş yapısal parametrelerinin araştırılması, Postgraduate, T.YURDAKUL(Student), 2022  
AKGÜN M., Investigation of relations between constructional parameters and some surface properties in denim fabrics woven with different fiber contents, Postgraduate, G.Kara(Student), 2019  
Akgün M., Uçaklarda kabin ekiplerinin gömleklik dokuma kumaşlarının inovatif tasarımı, Postgraduate, B.AYÇİÇEK(Student), 2019

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

- I. **Effect of Different Yarn Combinations on Auxetic Properties of Plied Yarns**  
AKGÜN M., EREN R., SÜVARİ F., Yurdakul T.  
AUTEX RESEARCH JOURNAL, vol.23, no.1, pp.77-88, 2023 (SCI-Expanded)
- II. **Investigation of the Friction Coefficients and Surface Roughness Properties of Denim Fabrics after Abrasion**  
Kara G., AKGÜN M.  
TEKSTİL VE KONFEKSİYON, vol.33, no.1, pp.27-36, 2023 (SCI-Expanded)
- III. **Investigation of the effect of pique weave on auxetic performance and related fabric properties**  
AKGÜN M., EREN R., SÜVARİ F., Yurdakul T.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.113, no.11, pp.2369-2380, 2022 (SCI-Expanded)
- IV. **Research on the Method for Controlling the Liquid Absorptivity Behavior of Polyester Textile Materials**  
AKGÜN M., KANIK M., Secmen S., Macit M., Gulsen E.

AATCC JOURNAL OF RESEARCH, vol.9, no.3, pp.143-151, 2022 (SCI-Expanded)

- V. **Investigation of Auxetic Performance and Various Physical Properties of Fabrics Woven with Braid Yarns**  
AKGÜN M., Suvar F., EREN R., Yurdakul T.  
TEKSTİL VE KONFEKSİYON, vol.32, no.3, pp.220-231, 2022 (SCI-Expanded)
- VI. **A research on effect of surface treatment conditions on flammability and water repellency properties of drapery fabrics produced from micro polyester yarns**  
Günaydın G. K., Çeven E. K., Gürarda A., Akgün M.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.112, no.2, pp.233-242, 2021 (SCI-Expanded)
- VII. **The Effect of Graphene Coating on Surface Roughness and Friction Properties of Polyester Fabrics**  
MANASOĞLU G., ÇELEN R., AKGÜN M., KANIK M.  
MATERIALS SCIENCE-MEDZIAGOTYRA, vol.27, no.4, pp.470-476, 2021 (SCI-Expanded)
- VIII. **INVESTIGATION OF THE TRIBOLOGICAL BEHAVIORS OF UPHOLSTERY WOVEN FABRICS AFTER ABRASION**  
AKGÜN M.  
AUTEX RESEARCH JOURNAL, vol.20, no.2, pp.110-120, 2020 (SCI-Expanded)
- IX. **Effects of environmentally friendly degumming methods on some surface properties, physical performances and dyeing behaviour of silk fabrics**  
Toprak T., Akgün M., Anış P.  
INDUSTRIA TEXTILA, vol.71, no.4, pp.380-387, 2020 (SCI-Expanded)
- X. **Investigation of the comfort properties of traditional woven fabrics with different structural parameters**  
Akgün M., Günaydın G. K., Gürarda A., Çeven E. K.  
INDUSTRIA TEXTILA, vol.71, no.4, pp.302-308, 2020 (SCI-Expanded)
- XI. **EFFECT OF WEFT YARN FIBER CONTENTS ON THE MOISTURE MANAGEMENT PERFORMANCE OF DENIM FABRICS WOVEN WITH DIFFERENT CONSTRUCTIONAL PARAMETERS**  
Kara G., AKGÜN M.  
TEKSTİL VE KONFEKSİYON, vol.28, no.2, pp.151-161, 2018 (SCI-Expanded)
- XII. **Investigation of the relation between surface roughness and friction properties of polyester fabrics after abrasion**  
AKGÜN M., BECERİR B., Alpay H. R.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.109, no.3, pp.322-337, 2018 (SCI-Expanded)
- XIII. **Effect of sample layer numbers and fabric constructional parameters on colour strength, colour difference and colour matching properties of polyester woven fabrics**  
AKGÜN M., BECERİR B., Alpay H. R.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.108, no.1, pp.102-109, 2017 (SCI-Expanded)
- XIV. **Assessing the colour changes of woven polyester automotive seat cover fabrics under ultraviolet light**  
AKGÜN M., BECERİR B., Alpay H. R.  
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.73, no.4, pp.244-254, 2017 (SCI-Expanded)
- XV. **Effect of some yarn properties on surface roughness and friction behavior of woven structures**  
BECERİR B., AKGÜN M., Alpay H. R.  
TEXTILE RESEARCH JOURNAL, vol.86, no.9, pp.975-989, 2016 (SCI-Expanded)
- XVI. **Surface roughness properties of wool woven fabrics after abrasion**  
AKGÜN M.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.107, no.8, pp.1056-1067, 2016 (SCI-Expanded)
- XVII. **Usage of proportions method for predicting percentage reflectance of woven structures in fabric design**  
AKGÜN M., BECERİR B., Alpay H. R.  
INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH, vol.40, no.3, pp.250-255, 2015 (SCI-Expanded)
- XVIII. **Assessment of the effect of fabric constructional parameters on surface roughness of wool fabrics**

- Akgun M.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.106, no.8, pp.845-852, 2015 (SCI-Expanded)
- XIX. **EFFECT OF FABRIC LAYERS ON WHITENESS AND YELLOWNESS INDICES OF SOME POLYESTER FABRICS WOVEN WITH DIFFERENT CONSTRUCTIONAL PARAMETERS**  
Akgun M.  
AUTEX RESEARCH JOURNAL, vol.15, no.2, pp.116-122, 2015 (SCI-Expanded)
- XX. **Effect of Yarn Filament Fineness on the Surface Roughness of Polyester Woven Fabrics**  
Akgun M.  
JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.10, no.2, pp.121-128, 2015 (SCI-Expanded)
- XXI. **ASSESSING THE EFFECT OF MEASUREMENT PARAMETERS ON SURFACE ROUGHNESS VALUES OF POLYESTER WOVEN FABRIC STRUCTURES**  
AKGÜN M., BECERİR B., Alpay H. R.  
TEKSTİL VE KONFEKSİYON, vol.25, no.1, pp.66-72, 2015 (SCI-Expanded)
- XXII. **Effects of Yarn Twist Levels on Percentage Reflectance of Cotton Fabrics Woven with Various Constructional Parameters**  
ÖMEROĞLU S., AKGÜN M., BECERİR B.  
AATCC JOURNAL OF RESEARCH, vol.2, no.1, pp.1-10, 2015 (SCI-Expanded)
- XXIII. **Surface roughness properties of polyester woven fabrics after abrasion**  
Akgun M.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.105, no.4, pp.383-391, 2014 (SCI-Expanded)
- XXIV. **Assessment of the Surface Roughness of Cotton Fabrics through Different Yarn and Fabric Structural Properties**  
Akgun M.  
FIBERS AND POLYMERS, vol.15, no.2, pp.405-413, 2014 (SCI-Expanded)
- XXV. **Reflectance Prediction of Colored Polyester Fabrics by a Novel Formula**  
AKGÜN M., BECERİR B., Alpay H. R.  
FIBERS AND POLYMERS, vol.15, no.1, pp.126-137, 2014 (SCI-Expanded)
- XXVI. **The Effect of Fabric Balance and Fabric Cover on Surface Roughness of Polyester Fabrics**  
Akgun M.  
FIBERS AND POLYMERS, vol.14, no.8, pp.1372-1377, 2013 (SCI-Expanded)
- XXVII. **The effect of fabric constructional parameters on percentage reflectance and surface roughness of polyester fabrics**  
Akgun M., BECERİR B., Alpay H. R.  
TEXTILE RESEARCH JOURNAL, vol.82, no.7, pp.700-707, 2012 (SCI-Expanded)
- XXVIII. **WARP TENSION DISTRIBUTION OVER THE WARP WIDTH AND ITS EFFECT ON FABRIC'S BREAKING STRENGTH DISTRIBUTION OVER THE FABRIC WIDTH IN WOVEN FABRICS**  
SÜLE G., Alpay H. R., AKGÜN M., EREN R.  
TEKSTİL VE KONFEKSİYON, vol.21, no.1, pp.36-41, 2011 (SCI-Expanded)
- XXIX. **Assessing the Relationship among Fabric Constructional Parameters, Fractional Reflectances and Cover Factors of Polyester Fabrics by Experimental and Mathematical Methods**  
AKGÜN M., BECERİR B., Alpay H. R.  
FIBERS AND POLYMERS, vol.11, no.2, pp.291-302, 2010 (SCI-Expanded)
- XXX. **INFLUENCE OF WARP TENSION ON BREAKING STRENGTH AND STRAIN OF WOVEN FABRICS**  
AKGÜN M., SÜLE G., Alpay H. R., EREN R.  
TEKSTİL VE KONFEKSİYON, vol.20, no.1, pp.30-36, 2010 (SCI-Expanded)
- XXXI. **Assessment of color strength and chroma values of polyester fabrics having different cover factors after abrasion**  
AKGÜN M., BECERİR B., Alpay H. R.  
TEXTILE RESEARCH JOURNAL, vol.78, no.3, pp.264-271, 2008 (SCI-Expanded)
- XXXII. **Assessment of color strength and color difference values of polyester fabrics containing continuous weft yarns after abrasion**

- Akgun M., Becerir B., Alpay H. R.  
FIBERS AND POLYMERS, vol.8, no.5, pp.495-500, 2007 (SCI-Expanded)
- XXXIII. **Abrasion of polyester fabrics containing staple weft yarns: Color strength and color difference values**  
Akgun M., Becerir B., Alpay H. R.  
AATCC REVIEW, vol.6, no.3, pp.40-43, 2006 (SCI-Expanded)
- XXXIV. **Assessment of reflectance and color differences of wool fabrics after abrasion**  
Alpay H., Becerir B., Akgun M.  
TEXTILE RESEARCH JOURNAL, vol.75, no.8, pp.607-615, 2005 (SCI-Expanded)
- XXXV. **Assessing reflectance and color differences of cotton fabrics after abrasion**  
Alpay H., Becerir B., Akgun M.  
TEXTILE RESEARCH JOURNAL, vol.75, no.4, pp.357-361, 2005 (SCI-Expanded)

### Articles Published in Other Journals

- I. **The Effect of Properties and Positioning of Yarns Used in Jacquard Woven Fabric Pattern on Abrasion Resistance**  
AKGÜN M., ULU İ., ERKEK E.  
Tekstil ve Mühendis, vol.28, no.123, pp.180-190, 2021 (Scopus)
- II. **Effect of Fabric Structural Parameters on Various Comfort Properties of Automobile Seat Cover Fabrics**  
AKGÜN M., Kamacı H. A.  
European Mechanical Science, vol.5, no.3, pp.105-108, 2021 (Peer-Reviewed Journal)
- III. **DOKUMA KUMAŞLARIN GERİLME ALTINDA ŞEKİL DEĞİŞTİRME DAVRANIŞLARININ GÖRÜNTÜ İŞLEME YÖNTEMİYLE TESPİTİ**  
SÜVARİ F., AKGÜN M., EREN R., Yurdakul T.  
Uludağ University Journal of The Faculty of Engineering, vol.26, no.2, pp.661-678, 2021 (Peer-Reviewed Journal)
- IV. **Effect of Fabric Layers on the Relationship between Fabric Constructional Parameters and Percentage Reflectance Values of Polyester Fabrics**  
AKGÜN M., BECERİR B., ALPAY H. R.  
Journal of Textiles, vol.2014, pp.1-13, 2014 (Peer-Reviewed Journal)
- V. **A Review on Fabric Surface Roughness Measurements**  
AKGÜN M., BECERİR B., ALPAY H. R.  
Colourage, vol.60, no.2, pp.33-38, 2013 (Scopus)
- VI. **Bazı Poliester Dokuma Kumaşların Çözgü ve Atkı İpliklerinin Dokuma İşlemi Öncesi ve Sonrası Reflektans Özelliklerindeki Değişimlerin İncelenmesi**  
AKGÜN M., ALPAY H. R., BECERİR B.  
Uludağ Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.17, no.2, pp.91-104, 2012 (Peer-Reviewed Journal)
- VII. **Investigation of Color Differences of Cotton Polyester and Polyester Cotton Blend Fabrics after Wash Fastness Tests according to their Cover Factors**  
AKGÜN M., BECERİR B., ALPAY H. R.  
Colourage, vol.59, no.2, pp.33-41, 2012 (Scopus)
- VIII. **Kumaş Yapısal Parametreleri İle Reflektans Değerleri Arasındaki İlişkilerin Değerlendirilmesi**  
AKGÜN M., ALPAY H. R., BECERİR B.  
Uludağ Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.17, no.1, pp.93-106, 2012 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the effects of different weave pattern on air permeability properties of elastane**

**containing denim fabrics**

Rahman M., AKGÜN M.

5th International Bursa Scientific Researchs Congress, Bursa, Türkiye, Bursa, Turkey, 1 - 03 March 2024, pp.714-720

- II. **Investigation of Poisson's Ratios and Some Properties of Fabrics Woven with Elastane Containing Braid Yarn using Different Weft Yarn Tensions**  
AKGÜN M., SÜVARİ F., EREN R., YURDAKUL T.  
11. International Fiber and Polymer Research Symposium, Gebze, Turkey, 4 - 05 November 2022, pp.62-70
- III. **Investigation of the Usability of Cord Weave Structures in Auxetic Woven Fabric Design**  
AKGÜN M., SÜVARİ F., EREN R., YURDAKUL T.  
10. International Fiber and Polymer Research Symposium, İstanbul, Turkey, 13 - 14 May 2022, pp.13-17
- IV. **INVESTIGATION OF THE EFFECTS OF SOME STRUCTURAL PARAMETERS OF AUTOMOTIVE SEAT COVER WOVEN FABRICS ON FRICTION PROPERTIES**  
AKGÜN M., Kamacı H. A.  
10th International Automotive Technologies Congress, OTEKON 2020, Bursa, Turkey, 06 September 2021, pp.516-521
- V. **Auxetic Performance Analysis of a Partial Stretch Woven Fabric Structure**  
AKGÜN M., SÜVARİ F., EREN R., Yurdakul T.  
8. International Fiber and Polymer Research Symposium, Eskişehir, Turkey, 18 - 19 June 2021, pp.243-245
- VI. **Effect of the Structural Properties of Woven Shirting Fabrics on Water Vapor Permeability and Air Permeability**  
GÜRARDA A., AKGÜN M., KARA G.  
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 April 2019 - 27 January 2020, pp.693-696
- VII. **The Effect of Pique Weave Pattern on the Poisson's Ratio of Woven Fabric**  
AKGÜN M., EREN R., SÜVARİ F., YURDAKUL T., SERİNÇAY H.  
6. Uluslararası Lif ve Polimer Araştırmaları Sempozyumu: 24 - 25 Ocak 2020 BURSA, Bursa, Turkey, 24 - 25 January 2020, pp.149-151
- VIII. **Investigation of Friction Coefficient of Drapery Fabrics Treated with Different Ratio of Flame Retardant**  
KARAKAN GÜNAYDIN G., AKGÜN M., GÜRARDA A., ÇEVEN E. K., ASLAN B.  
TEX-TEH IX INTERNATIONAL CONFERENCE, ADVANCED TEXTILES FOR A BETTER WORLD, BÜKREŞ, Romania, 24 - 25 October 2019, vol.9, pp.52-58
- IX. **Investigation of the Water Vapor Permeability Properties of Denim Fabrics Woven with Different Structural Parameters**  
AKGÜN M., KARA G.  
4 th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.690-692
- X. **INVESTIGATION OF THE DESIGN PARAMETERS OF AUXETIC YARNS USED IN THE PRODUCTION OF AUXETIC WOVEN FABRICS**  
AKGÜN M., SERİNÇAY H., KESKİN S.  
4th International Scientific Research Congress(14 - 17 February 2019 / Yalova)(UBAK), Yalova, Turkey, 14 - 17 February 2019, pp.525-536
- XI. **AUXETIC MALZEMELERİN YAPISAL ÖZELLİKLERİ, AUXETIC TEKSTİLLER VE UYGULAMA ALANLARININ DEĞERLENDİRİLMESİ**  
AKGÜN M., KESKİN S., SERİNÇAY H.  
4th International Scientific Research Congress (14 - 17 February 2019 / Yalova)(UBAK), Yalova, Turkey, 14 - 17 February 2019, pp.485-501
- XII. **BULDAN DOKUMA KUMAŞLARININ BAZI YAPISAL ÖZELLİKLERİNİN BURUŞMAYA VE KATLANMA GERİ DÖNÜŞÜM AÇISINA ETKİLERİNİN İNCELENMESİ**  
GÜRARDA A., AKGÜN M., ÇEVEN E. K., KARAKAN GÜNAYDIN G.

5th International Symposium On Multidisciplinary Studies (ISMS), Ankara, Turkey, 16 - 17 November 2018, pp.1461-1467

- XIII. **Yünlü Kumaşların Yapısal Parametrelerinin Yüzey Sürtünme Özelliklerine Etkilerinin İncelenmesi**  
AKGÜN M., GÜRARDA A., KARA G.  
3rd International Mediterranean SCIENCE AND ENGINEERING CONGRESS (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.577-580
- XIV. **Investigation of the Effects of Fabric Structural Properties of Wool Suits on Surface Roughness and Air Permeability**  
GÜRARDA A., AKGÜN M., ÇEVEN E. K., KARAKAN GÜNAYDIN G.  
18th World Textile Conference, Autex 2018, İstanbul, Turkey, 20 - 22 June 2018, pp.683-686
- XV. **Kumaş Sıklığı ve Sünger Yoğunluğunun Lamineli Otomotiv Döşemelik Kumaşların Mukavemet ve Uzama Değerleri Üzerindeki Etkisi**  
Sugür G., AKGÜN M.  
9th International Automotive Technologies Congress, OTEKON 2018, Bursa, Turkey, 7 - 08 May 2018, pp.1500-1503
- XVI. **Improving Liquid Transfer Performance of Cotton Woven Fabrics Woven with Different Constructional Parameters**  
Özkan B., AKGÜN M., KANIK M.  
ETT 2018 ,8th International İstanbul Textile Conference, Evaluation of Technical Textiles, İstanbul, Turkey, 14 - 16 April 2018, pp.74-79
- XVII. **Dokuma Kumaşlarda Braid İplik Kullanımı**  
AKGÜN M., YURDAKUL T.  
Uludağ Üniversitesi 2018 VII. Bilgilendirme ve AR-GE Günleri, Bursa, Turkey, 3 - 04 April 2018
- XVIII. **INVESTIGATION OF THE EFFECT OF STRUCTURAL PROPERTIES OF DENIM WOVEN FABRICS ON THE MOISTURE MANAGEMENT PERFORMANCE**  
Kara G., AKGÜN M., GÜRARDA A.  
14 th International İzmir Textile and Apparel Symposium, İzmir, Turkey, 26 - 28 October 2017, pp.155-157
- XIX. **Denim Dokuma Kumaş Yapılarının Sürtünme Davranışlarının İncelenmesi**  
KARA G., AKGÜN M., ALPAY H. R.  
Ulusal Çukurova Tekstil Kongresi 2017(UÇTEK 2017), Adana, Turkey, 28 - 29 September 2017, pp.253-258
- XX. **Özel Dokuma Yapılarının Denim Kumaş Tasarımında Kullanılabilirliğinin Araştırılması**  
AKGÜN M., KARA G., ALPAY H. R.  
ULUDAĞ ÜNİVERSİTESİ VI. BİLGİLENDİRME VE ARGE Günleri 2017, Bursa, Turkey, 15 - 16 March 2017
- XXI. **Otomotiv Döşemelik ve Üst Giyim Dokuma Kumaşlar Arasındaki Yüzey Deformasyonlarının İncelenmesi**  
AKGÜN M., ALPAY H. R.  
Uludağ Üniversitesi V. Bilgilendirme ve AR-GE GÜNLERİ 15-16 Mart 2016, Bursa, Turkey, 15 - 16 March 2016
- XXII. **Auxetic Özellikli Dokuma Yapıların Tasarımı ve Üretimi**  
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Uludağ Üniversitesi V. Bilgilendirme ve AR-GE GÜNLERİ 15-16 Mar 2016, Bursa, Turkey, 15 - 16 March 2016
- XXIII. **Investigation of Surface Roughness Properties of Some Polyester Automotive Seat Cover Fabrics**  
AKGÜN M., BECERİR B., ALPAY H. R.  
International Scientific Conferance, UNITECH'xx13, 22-23 November 2013, Gabrovo, Bulgaria, 22 - 23 November 2013, vol.3, pp.216-218
- XXIV. **Effect of Fabric Constructional Parameters on Color Rendering of Woven Polyester Automotive Seat Cover Fabrics under Ultraviolet Light**  
AKGÜN M., BECERİR B., ALPAY H. R.  
International Scientific Conferance, UNITECH'xx13, 22-23 November 2013, Gabrovo, Bulgaria, 22 - 23 November 2013, vol.3, pp.212-215
- XXV. **Otomobil Döşemelik Kumaşlarında Yüzey Pürüzlülüğünü Azaltan Yapısal Parametrelerin Araştırılması**

AKGÜN M., ALPAY H. R., BECERİR B.

Uludağ Üniversitesi Bilgilendirme ve AR-GE Günleri Poster Sunumları 12-14 Kasım 2013, Bursa, Turkey, 12 - 14 November 2013

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AKGÜN M., ALPAY H. R., BECERİR B.

Uludağ Üniversitesi Bilgilendirme ve AR-GE Günleri Poster Sunumları 12-14 Kasım 2013, Bursa, Turkey, 12 - 14 November 2013

**XXVII. Dependence of Colour Difference Formulae on Lightness**

BEÇERİR B., AKGÜN M., ÇİNKO U. O.

14th National 1th International Recent Developments, Textile Technology and Chemistry Symposium, May 8th-10th,2013, Bursa, Turkey, 8 - 10 May 2013, pp.18

**XXVIII. Kumaş Yapısal Parametrelerinin Kumaş Reflektanslarının Tahminlenmesinde Kullanılması**

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Uludağ Üniversitesi Bilgilendirme ve AR-GE Günleri Poster Sunumları 13-15 Kasım 2012, Bursa, Turkey, 13 - 15 November 2012

**XXIX. Assessment of The Relationship among Fabric Surface Roughness and Fabric Constructional Parameters of Polyester Fabrics**

AKGÜN M., ALPAY H. R., BECERİR B.

International Scientific Conference, UNITECH'11, 18-19 November 2011, Gabrovo, Bulgaria, 18 - 19 November 2011, vol.2, pp.316-320

**XXX. Kumaş Yapılarındaki Yüzey Pürüzlülüğünün Önemi**

AKGÜN M., ALPAY H. R., BECERİR B.

Uludağ Üniversitesi Bilgilendirme ve AR-GE Günleri Poster Sunumları 15-16 Kasım 2011, Bursa, Turkey, 15 - 16 November 2011

**XXXI. Ultraviolet UV Protection of Textiles: A Review**

AKGÜN M., ALPAY H. R., BECERİR B.

10th International Scientific Conference, UNITECH'xx10, 19-20 November 2010, Gabrovo, Bulgaria, 19 - 20 November 2010, vol.2, pp.301-311

**XXXII. Ultraviolet UV Production of Textiles A Review**

AKGÜN M., BECERİR B., ALPAY H. R.

International Scientific Conference UNITECH'10, Gabrovo, Bulgaria, 19 - 20 November 2010, vol.2, pp.301-311

**XXXIII. Changes of Colour Coordinates of White Woven Fabrics Including Elastane After Domestic Laundering by Reference ECE Detergent**

AKGÜN M., ALPAY H. R., BECERİR B.

International Scientific Conference, UNITECH'xx09, 20-21 November 2009, Gabrovo, Bulgaria, 20 - 21 November 2009, vol.2, pp.292-295

**XXXIV. Otomobillerde Döşemelik Olarak Kullanılan 100 Polyester Dokuma Kumaşlarda Aşınma Sonrası Meydana Gelen Renk Farkının İncelenmesi**

AKGÜN M., ALPAY H. R., BECERİR B., KARAASLAN S., EKE A.

4. Otomotiv Teknolojileri Kongresi, 1-4 Haziran 2008, Bursa, Turkey, 1 - 04 June 2008, pp.501-506

## Supported Projects

Akgün M., Eren R., Süvari F., TÜBİTAK Project, Negatif Poisson Oranına Sahip (Auxetic) Dokuma Kumaş Yapılarının Tasarımı, Üretimi ve Performansının Araştırılması, 2019 - 2023

AKGÜN M., BECERİR B., Project Supported by Higher Education Institutions, Dokuma Kumaş Yüzey Özelliklerinin Tanımlanmasında Yüzey Pürüzlülük Değerleri İle Yüzey Sürtünme Davranışları Arasındaki İlişkilerin Araştırılması Ve Kullanım Performanslarının Belirlenmesinde Bir Yöntem Olarak Kullanılabilirliğinin Araştırılması, 2014 - 2018

BEÇERİR B., AKGÜN M., Project Supported by Higher Education Institutions, Boyanmış Kumaşlarda Yıkama Haslığı Testi Sonrası Oluşan Renk Farklılıklarının Modellenmesi HDP MH 2014 31, 2014 - 2015



## **Metrics**

Publication: 80

Citation (WoS): 284

Citation (Scopus): 310

H-Index (WoS): 11

H-Index (Scopus): 11