

## Prof. RECEP EREN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: JCO-1766-2023

ScopusID: 55999849700

Yoksis Researcher ID: 6298

### Education Information

Doctorate, The University of Manchester, INSTITUTE OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF TEXTILES, England 1988 - 1994

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (YI) (Tezli), Turkey 1984 - 1987

Undergraduate, Bursa Uludağ University, Mühendislik-Mimarlık Fakültesi, Tekstil Mühendisliği Bölümü, Turkey 1980 - 1984

### Foreign Languages

English, C1 Advanced

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 2005 - Continues

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1998 - 2005

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1994 - 1998

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1985 - 1994

### Advising Theses

Eren R., Süvari F., Dokuma kumaşlarda gözenekliliğin görüntü işleme yöntemiyle analizi, Postgraduate,

N.KÜBRA(Student), 2022

EREN R., İplik gerginlik sensörleri için yüksek doğal frekanslı yük hücresi geliştirilmesi, Postgraduate, M.Yazan(Student),

2021

Aykut Y., Eren R., Yüksek mukavemetli tekstil takviyeli hidrojel kompozitlerin tek aşamalı hazırlanması ve araştırılması, Doctorate, Ü.KOÇ(Student), 2020

Eren R., Tension control system design for warping machines, Postgraduate, M.İHTİYAR(Student), 2019

Eren R., Development of yarn tension measurement sensor, Postgraduate, H.NİZAM(Student), 2019

Eren R., Experimental investigation of the factors affecting yarn tension during unwinding from bobbin, Doctorate, Ö.ÇELİK(Student), 2018

Eren R., Investigation of the properties of fabrics woven from acrylic blended yarns, Doctorate, A.YAVAŞCAOĞLU(Student), 2018

Eren R., Investigation viscoelastic properties of woven fabrics, Doctorate, B.HASÇELİK(Student), 2015

Eren R., Backrest roller design of weaving machines, Postgraduate, Ö.ÇELİK(Student), 2012

Eren R., Mathematical modelling of shed geometry in air jet weaving machine, Postgraduate, B.SULTAN(Student), 2010

Eren R., Mechanical analysis of three dimensional woven composite materials, Postgraduate, S.GÜNDOĞAN(Student), 2010

Eren R., Warp let-off system design using artificial intelligence methods for weaving machine, Doctorate, L.DAĞKURS(Student), 2010

Eren R., Method research for measures for product improvement in the production of some woven fabrics, Postgraduate, E.TÜZEMEN(Student), 2005

Eren R., Investigation of crimp yarn tension relation in weaving fabrics, Doctorate, G.ÖZKAN(Student), 2005

Eren R., The Investigation of the effects of weaving machines setting on weavability limits, Doctorate, Y.TURHAN(Student), 2003

Eren R., Mathematical analysis of speed and tension control systems used in jigger dyeing machines, Postgraduate, L.DAĞKURS(Student), 2002

Eren R., Analysis of the yarn feeding systems in flat knitting machines and influences on fabric structure, Postgraduate, S.KUZGUNKAYA(Student), 2001

Eren R., The Production process and the examination of dimensional properties of the fabrics woven with elastane yarns, Postgraduate, S.ÇETİNTAŞ(Student), 2001

Eren R., Design of 4 bar and 6 bar linkage mechanisms in air jet weaving machines, Postgraduate, A.AYDEMİR(Student), 2001

Eren R., Design of the rapier drive mechanisms which contain spherical mechanism, Postgraduate, M.ERTÜRK(Student), 2000

Eren R., Analysing the electronic let-off motions in weaving machine mathematically, Postgraduate, G.ÖZKAN(Student), 1999

Eren R., Design of rapier drive mechanisms for rapier weft insertion systems, Postgraduate, K.SEZEN(Student), 1997

Eren R., Design of teflon mechanisms in weaving machines, Postgraduate, M.TARHAN(Student), 1996

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

- I. **A comparative study on the acoustic absorption properties of green synthesis cellulose nano enset fibers**  
Temesgen A. G., EREN R.  
POLYMER BULLETIN, vol.81, no.8, pp.7089-7104, 2024 (SCI-Expanded)
- II. **Investigation of mechanical properties of a novel green composite developed by using enset woven fabric and bioresin materials**  
Temesgen A. G., EREN R., AYKUT Y.  
Polymer Bulletin, vol.81, no.5, pp.4199-4219, 2024 (SCI-Expanded)
- III. **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)
- IV. **Experimental Investigation of Sensorless Tension Control System for Textile Processes**  
EREN R., Bayraktar I., Sadoun M. Y.

TEKSTİL VE KONFEKSİYON, vol.33, no.2, pp.125-134, 2023 (SCI-Expanded)

- V. **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)
- VI. **Natural fibers woven fabric reinforced hydrogel composites for enhanced mechanical properties**  
Koc U., AYKUT Y., EREN R.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.4, 2022 (SCI-Expanded)
- VII. **Paraffin/polyacrylonitrile hybrid nanofibers for thermal hysteresis enhancement of paraffin actuators**  
Kutlu A., Eren R., Aykut Y.  
Journal of Industrial Textiles, vol.51, no.4, 2022 (SCI-Expanded)
- VIII. **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)
- IX. **Regenerated cellulose woven fabric reinforced hydrogel composite**  
Koc U., Aykut Y., Eren R.  
Journal of the Textile Institute, vol.113, no.5, pp.906-914, 2022 (SCI-Expanded)
- X. **Evaluation of Enset Fabric Reinforced Green Composite as Sound Absorber Structure**  
Temesgen A. G., EREN R., AYKUT Y., SÜVARİ F.  
TEKSTİL VE KONFEKSİYON, vol.31, no.2, pp.73-81, 2021 (SCI-Expanded)
- XI. **Green Synthesis of Cellulosic Nanofiber in Enset Woven Fabric Structures via Enzyme Treatment and Mechanical Hammering**  
Temesgen A. G., EREN R., AYKUT Y.  
TEKSTİL VE KONFEKSİYON, vol.31, no.1, pp.63-72, 2021 (SCI-Expanded)
- XII. **Yarn-reinforced hydrogel composite produced from woven fabrics by simultaneous dissolution and cross-linking**  
Koc U., Eren R., Aykut Y.  
Polymers and Polymer Composites, vol.29, no.2, pp.117-126, 2021 (SCI-Expanded)
- XIII. **One-step preparation of woven fabric-reinforced hydrogel composite**  
Koc U., Aykut Y., Eren R.  
Journal of Industrial Textiles, vol.50, no.7, pp.990-1005, 2021 (SCI-Expanded)
- XIV. **Experimental Investigation of the Performance of a Feedback Tension Control System Designed for Warping Machines**  
EREN R., Ihtiyar M., Celik Ö.  
TEKSTİL VE KONFEKSİYON, vol.29, no.4, pp.289-299, 2019 (SCI-Expanded)
- XV. **Experimental investigation of effect of balloon length on yarn tension during unwinding**  
Celik Ö., EREN R.  
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.31, no.4, pp.495-509, 2019 (SCI-Expanded)
- XVI. **Experimental Investigation of the Relationship Between the Yarn Tension and Bobbin Diameter in the Warping Process**  
Celik Ö., EREN R.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.27, no.1, pp.23-31, 2019 (SCI-Expanded)
- XVII. **Analysis of Hardness Variations In Radial and Longitudinal Directions of Bobbins In Step Precision Winding**  
Celik Ö., EREN R.  
TEKSTİL VE KONFEKSİYON, vol.29, no.1, pp.34-40, 2019 (SCI-Expanded)
- XVIII. **Analysis of thermo-physiological comfort properties of 100% acrylic, acrylic/cotton, acrylic/viscose and acrylic/PES blended woven fabrics**  
Yavascaoglu A., EREN R., SÜLE G.

- INDUSTRIA TEXTILA, vol.70, no.4, pp.309-317, 2019 (SCI-Expanded)
- XIX. **Mathematical analysis of motion control in sectional warping machines**  
EREN R., SÜVARİ F., Celik Ö.  
TEXTILE RESEARCH JOURNAL, vol.88, no.2, pp.133-143, 2018 (SCI-Expanded)
- XX. **Measurement and analysis of winding thickness variations in sectional warping process**  
EREN R., Celik Ö., SÜVARİ F., Koksal S. A.  
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.30, no.6, pp.772-783, 2018 (SCI-Expanded)
- XXI. **EFFECTS OF USAGE ACRYLIC YARN ON THERMAL COMFORT AND MOISTURE MANAGEMENT PROPERTIES OF WOVEN SHIRTING FABRICS**  
Yavascaoglu A., EREN R., SÜLE G.  
TEKSTİL VE KONFEKSİYON, vol.28, no.2, pp.141-150, 2018 (SCI-Expanded)
- XXII. **Development of a test device for measuring of tensile properties of textile fabrics**  
Eren R.  
TEKSTİL VE KONFEKSİYON, vol.26, no.5, pp.3-12, 2016 (SCI-Expanded)
- XXIII. **Kinematic design and motion analysis of spatial rapier drive mechanisms used in weaving machines**  
EREN R., Erturk M., Hascelik B.  
TEXTILE RESEARCH JOURNAL, vol.84, no.19, pp.2065-2073, 2014 (SCI-Expanded)
- XXIV. **MATHEMATICAL ANALYSIS OF WARP ELONGATION IN WEAVING MACHINES WITH POSITIVE BACKREST SYSTEM**  
Celik Ö., EREN R.  
TEKSTİL VE KONFEKSİYON, vol.24, no.1, pp.56-65, 2014 (SCI-Expanded)
- XXV. **The effect of loom settings on weavability limits on air-jet weaving machines**  
TURHAN Y., EREN R.  
TEXTILE RESEARCH JOURNAL, vol.82, no.2, pp.172-182, 2012 (SCI-Expanded)
- XXVI. **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)
- XXVII. **Investigation into the Tensile Properties of Stitched and Unstitched Woven Aramid/Vinyl Ester Composites**  
KARAHAN M., KARAHAN N., ULCAY Y., EREN R., Kaynak G.  
TEXTILE RESEARCH JOURNAL, vol.80, no.10, pp.880-891, 2010 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Warp tension distribution over the warp width and its effect on crimp distribution in woven fabrics**  
Ozkan G., EREN R.  
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.22, no.4, pp.272-284, 2010 (SCI-Expanded)
- XXX. **Kinematics of Rotary Dobby and Analysis of Heald Frame Motion in Weaving Process**  
EREN R., Ozkan G., Turhan Y.  
TEXTILE RESEARCH JOURNAL, vol.78, no.12, pp.1070-1079, 2008 (SCI-Expanded)
- XXXI. **An investigation into ballistic performance and energy absorption capabilities of woven aramid fabrics**  
KARAHAN M., KUŞ A., EREN R.  
INTERNATIONAL JOURNAL OF IMPACT ENGINEERING, vol.35, no.6, pp.499-510, 2008 (SCI-Expanded)
- XXXII. **Statistical and computational intelligence tools for the analyses of warp tension in different back-rest oscillations**  
Turhan Y., Tokat S., Eren R.  
INFORMATION SCIENCES, vol.177, no.23, pp.5237-5252, 2007 (SCI-Expanded)

- XXXIII. **Experimental investigation of the effect of fabric parameters on static water absorption in terry fabrics**  
Karahan M., Eren R.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.14, no.2, pp.59-63, 2006 (SCI-Expanded)
- XXXIV. **Comparison of heald frame motion generated by rotary dobby and crank & cam shedding motions**  
Eren R., Ozkan G., Karahan M.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.13, no.4, pp.78-83, 2005 (SCI-Expanded)
- XXXV. **Kinematic design method for six-bar linkage sley drive mechanisms in weaving**  
Eren R., Aydemir A.  
INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH, vol.30, no.3, pp.243-251, 2005 (SCI-Expanded)
- XXXVI. **Analytical design method for cam shedding motions in weaving**  
Eren R., Alpay H.  
INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH, vol.30, no.2, pp.125-135, 2005 (SCI-Expanded)
- XXXVII. **An investigation into the parameters of terry fabrics regarding the production**  
Karahan M., Eren R., Alpay H.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.13, no.2, pp.20-25, 2005 (SCI-Expanded)
- XXXVIII. **Realisierbarkeit einer positiven Kettzuführung in der Weberei**  
Eren R.  
MELLIAND TEXTILBERICHTE, no.3, pp.234-237, 1998 (AHCI)

## Articles Published in Other Journals

- I. **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)
- II. **100 Akrilik, PES/Akrilik ve Pamuk/Akrilik Karışımli Dokuma Kumaşların Boncuklanma Özelliklerinin İncelenmesi**  
YAVAŞCAOĞLU A., EREN R., SÜLE G.  
Uludağ University Journal of The Faculty of Engineering, vol.24, no.2, pp.1-14, 2019 (Peer-Reviewed Journal)
- III. **Atkı İplik Numarası, Atkı Sıklığı ve Örgü Tipinin 100 Akrilik Dokuma Kumaşların Hava ve Su Buharı Geçirgenliğine Etkisi**  
YAVAŞCAOĞLU A., EREN R., SÜLE G.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.7, no.2, pp.439-449, 2019 (Peer-Reviewed Journal)
- IV. **Design And Realisation Of A Yarn Tension Sensor Using Strain Gauge Type Load Cells**  
EREN R., MUTLU H. N., ÇELİK Ö.  
Uludağ University Journal of The Faculty of Engineering, vol.24, no.2, pp.751-768, 2019 (Peer-Reviewed Journal)
- V. **Tensile Strength Analysis of Three Dimensional Woven Fabric Reinforced Composites**  
GÜNDOĞAN S., EREN R., KARAHAN M.  
Uludağ Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.14, no.2, pp.161-168, 2009 (Peer-Reviewed Journal)
- VI. **THE EVALUATION OF EXPERIMENTAL STUDIES ABOUT WEAVABILITY LIMIT**  
TURHAN Y., EREN R.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.11, no.2, pp.205-218, 2005 (Peer-Reviewed Journal)
- VII. **THE INVESTIGATION OF THEORETICAL WORKS ABOUT WEAVABILITY LIMITS**  
TURHAN Y., EREN R.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.11, no.1, pp.71-83, 2005 (Peer-Reviewed Journal)

- VIII. **An Approach to Kinematic Design of Four-bar Sley Drive Mechanisms in Weaving**  
EREN R., Aydemir A.  
Journal Of The Textile Institute, vol.95, pp.193-205, 2004 (Scopus)
- IX. **ANALYSIS OF WARP TENSION DURING WEAVING FABRIC WITH VARIABLE WEFT DENSITY**  
TURHAN Y., EREN R.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.10, no.3, pp.305-316, 2004 (Peer-Reviewed Journal)
- X. **Dokuma Makinalarında Elektronik Çözümlü Salma Mekanizmalarının Matematiksel Analizi**  
SÜLE G., EREN R.  
Uludağ Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.1, 2004 (Peer-Reviewed Journal)
- XI. **KAM MEKANİZMASI İÇEREN KANCA TAHRİK MEKANİZMALARININ KİNEMATİK TASARIMI VE KANCA HAREKET EĞRİSİNİN ANALİZİ**  
EREN R., Sezen K.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.9, no.2, pp.253-262, 2003 (Peer-Reviewed Journal)
- XII. **A mechatronics approach to the control of pickspacing**  
Eren R.  
MECHATRONICS, vol.5, no.1, pp.1-21, 1995 (Scopus)
- XIII. **Development of hybrid type warp let-off systems for weaving and warp knitting**  
Eren R.  
INDIAN JOURNAL OF FIBRE AND TEXTILE RESEARCH, vol.19, no.3, pp.114-124, 1994 (Scopus)

## Books & Book Chapters

- I. **WEAVING PREPARATION TECHNOLOGY**  
Eren R.  
MKM YAYINLARI, Bursa, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **Auxetic Performance Analysis of Fabrics Woven with Braid Yarn**  
AKGÜN M., SÜVARİ F., EREN R., YURDAKUL T.  
9. International Fiber and Polymer Research Symposium, Uşak, Turkey, 19 - 20 November 2021, pp.113
- IV. **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
- V. **PVA ve PVP ultra ince lif kaplı Yün/PVA kumaşlardan hidrojel kompozitlerin üretimi ve zamanla su kaybı tayini**  
Bulgurcuoğlu E., Bostancı A., Koç Ü., EREN R., AYKUT Y.  
6. Uluslararası lif ve polimer araştırmaları sempozyumu, Bursa, Turkey, 24 - 25 January 2020
- VI. **Potential of Ethiopian enset fiber for textile applicaiton**  
Temesgen A. G., Turşucular Ö. F., EREN R., AYKUT Y.

6. Uluslararası lif ve polimer arařtırmaları sempozyumu, Bursa, Turkey, 24 - 25 January 2020
- 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 Arařtırmaları Sempozyumu: 24 – 25 Ocak 2020 BURSA, Bursa, Turkey, 24 - 25 January 2020, pp.149-151
- VIII. **Interaction of Paraffin with PVA Nanofibers: Effect of the Number of Carbon in Paraffin**  
Kutlu A., EREN R., AYKUT Y.  
17.ULUSAL 3.ULUSLARARASI TEKSTİL TEKNOLOJİSİ VE KİMYASINDAKİ SON GELİŐMELER SEMPOZYUMU, Bursa, Turkey, 20 - 22 November 2019
- IX. **Hydrogel Composite Yarn Prepared From Polyvinyl Alcohol/Cotton Hybrid Yarn**  
Koç Ü., EREN R., AYKUT Y.  
17.ULUSAL 3.ULUSLARARASI TEKSTİL TEKNOLOJİSİ VE KİMYASINDAKİ SON GELİŐMELER SEMPOZYUMU, Bursa, Turkey, 20 - 22 November 2019
- X. **Kontinü Filaman İplikler İin Sađım İŐlemi Esnasında İplik Gerginliđinin Bobin apına Gre DeđiŐiminin İncelenmesi**  
ELİK Ö., İHTİYAR M., EREN R.  
UTEK 2019 Ulusal ukurova Tekstil Kongresi, Adana, Turkey, 26 - 27 September 2019, pp.55-63
- XI. **HIGH STRENGTH HYDROGEL COMPOSITE PREPARED FROM POLYVINYL ALCOHOL/COTTON WOVEN FABRIC**  
Koç Ü., EREN R., AYKUT Y.  
AUTEX2019 – 19th World Textile Conference on Textiles at the Crossroads, Gent, Belgium, 11 - 15 June 2019
- XII. **The Effect Of Balloon Length On Yarn Tension Change During Unwinding Of Yarns Including Lycra Component**  
ELİK Ö., EREN R.  
ICONTEX 2019 2nd International Congress of Innovative Textiles, Tekirdađ, Turkey, 17 - 18 April 2019, vol.2, pp.17-25
- XIII. **Investigation of fabric parameters affecting thermal comfort properties of 100 acrylic woven fabrics-100 Akriлик Dokuma KumaŐların Isıl Konfor zelliklerine Etki Eden KumaŐ Parametrelerinin İncelenmesi**  
YAVAŐCAOĐLU A., SÜLE G., EREN R.  
International Conference on Data Science and Applications (ICONDATA), Yalova, Turkey, 4 - 07 October 2018, pp.43-55
- XIV. **The effects of weft density, weft yarn count and weaving type on air and water vapor permeability in 100 acrylic woven-Atkı iplik numarası, atkı sıklıđı ve rgü tipinin 100 akrilik dokuma kumaŐların hava ve su buharı geirgenliđine etkisi**  
YAVAŐCAOĐLU A., EREN R., SÜLE G.  
International Conference on Data Science and Applications (ICONDATA), 4 - 07 October 2018, pp.91-92
- XV. **Statistical analysis of some factors affecting comfort properties of acrylic/cotton woven fabrics-Pamuk/Akriлик dokuma kumaŐların konfor zelliklerine etki eden bazı faktrlerin istatistiksel analizi**  
YAVAŐCAOĐLU A., SÜLE G., EREN R.  
International Conference on Data Science and Applications (ICONDATA), 4 - 07 October 2018, pp.56-69
- XVI. **Yarn Tension Change With Respect to Bobbin Diameter in Yarns Including Lycra Component**  
ELİK Ö., EREN R.  
18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.390-392
- XVII. **Yarn Tension Change with Respect to Bobbin Diameter in Yarns Including Lycra Component**  
Celik Ö., EREN R.  
18th World Textile Conference (AUTEX), İstanbul, Turkey, 20 - 22 June 2018, vol.460
- XVIII. **Measurement of warp diameter on cone drum in sectional warping machines**  
EREN R., KÖKSAL S. A., TERKİN R.  
16th AUTEX World Textile Conference, 8 - 10 June 2016
- XIX. **New Test Instrument for Measurement of Coated Fabric Properties**

KESİMCİ M. O., EREN R., SÜVARİ F.

UTİB Türkiye Tekstil ve Konfeksiyon Sektöründe VIII. Uluslararası Ar-Ge Proje Pazarı, Bursa, Turkey, 12 - 13 May 2016

- XX. **Kaplanmış Kumaş Özelliklerinin Ölçümü için Yeni Test Cihazı New Test Instrument for Measurement of Coated Fabric Properties**  
KESİMCİ M. O., SÜVARİ F., EREN R.  
UTİB Turkish Textile and Clothing Sector VIII. International RD Brokerage Event, Bursa, Turkey, 12 - 13 May 2016
- XXI. **Effect of winding parameters on hardness variation in step precision winding 10 12 June 2015 Bucharest Romania**  
EREN R., ÇELİK Ö., KESİMCİ M. O., HES L.  
15th AUTEK World Textile Conference, 10 - 12 June 2015
- XXII. **Effect of Winding Parameters on Hardness Variation in Step Precision Winding**  
EREN R., ÇELİK Ö., KESİMCİ M. O.  
15th AUTEK World Textile Conference, Bucharest, Romania, 10 - 12 June 2015
- XXIII. **Rapier Motion Curve Development by Numerical Method**  
EREN R., HASÇELİK B., ÇELİK Ö.  
14th Autex World Textile Conference 2014, Bursa, Turkey, 26 - 28 May 2014
- XXIV. **Dokumada Duruş İzlerinin Önlenmesi için Ölçme Sistemi Tasarımı**  
EREN R., ÇELİK Ö.  
UTİB 3. ULUSLARARASI AR-GE PROJE PAZARI ETKİNLİĞİ, 10 - 11 February 2011
- XXV. **Dynamic Analysis of Cam Driven Sley Mechanisms**  
EREN R., ÇELİK Ö., Önalöglu C.  
The Fiber Society Spring 2010 International Conference on Fibrous Materials, 12 - 14 May 2010
- XXVI. **Elektronik Kontrollü Bir Konik Çözümlü Makinesinin Geliştirilmesi**  
EREN R., HASÇELİK B., ÇELİK Ö.  
UİB Tekstil ve Konfeksiyon Sektöründe II. AR-GE PROJE PAZARI PLATFORMU, 18 February 2010
- XXVII. **Stiffness Determination Of 2 And 3-Axial Flat Braiding Composites Using Micromechanics Method, SAMPE09, Symposium Proceeding CD, Baltimore, USA, 18-21 MAY 2009.**  
KARAHAN M., Ulcay Y., Eren R.  
SAMPE 09, Baltimore, United States Of America, 18 - 21 May 2009
- XXVIII. **Investigation Of The Thickness Effect On Tensile Properties Of Stitched Woven Aramid/Vynil Ester Composites**  
KARAHAN M., Ulcay Y., Eren R.  
SAMPE 09, Baltimore, United States Of America, 18 - 21 May 2009
- XXIX. **Analysis of warp tension in different back rest oscillations using a radial basis function neural network**  
TOKAT S., TURHAN Y., EREN R.  
4th International Symposium On Intelligent Manufacturing Systems, 6 - 08 September 2004
- XXX. **Investigation of ballistic properties of woven unidirectional hybrid panels according to energy absorption capabilities**  
KARAHAN M., EREN R., KARAHAN N.  
SAMPE 2007 Symposium, Impact and damage resistance session, 03 June 2007 - 07 June 2004

## Supported Projects

EREN R., USUL S. C., Project Supported by Higher Education Institutions, Dokuma Makinelerinde Kullanmak için Lif Takviyeli Esnek Kompozit Malzeme Geliştirilmesi, 2023 - Continues

EREN R., AYKUT Y., Project Supported by Higher Education Institutions, Kendini onarabilen hidrojel matrisli 2D ve 3D kumaş takviyeli akıllı kompozit yapıların geliştirilmesi. Proje No: OUAP(MH) 2018/11, 2018 - Continues

Eren R., TUBITAK Project, Tekstil Makinelerinde Çözümlü/Kumaş Salma Ve Sarma Uniteleri için Sensörsüz Gerginlik



Kontrolü Ve Açık Döngü Hız Kontrol Sistemlerinin Geliştirilmesi, 2018 - 2021

EREN R., Project Supported by Higher Education Institutions, Bazı Akrilik Karışumlu Dokuma Kumaşların Performans ve Konfor Özelliklerinin Araştırılması, 2014 - 2019

Eren R., Project Supported by Higher Education Institutions, İPLİK GERGİNLİK ÖLÇME SENSÖRÜ GELİŞTİRİLMESİ, 2017 - 2018

Çelik Ö., Eren R., TUBITAK Project, Bobinden Boşalan İplik Gerginliği Değişimini Bobin Çapına Göre Ölçen ve Kaydeden Bir Elektronik Sistemin Geliştirilmesi, 2016 - 2017

EREN R., KESİMCİ M. O., TUBITAK Project, Bobinden Boşalan İplik Gerginliği Değişimini Bobin Çapına Göre Ölçen ve Kaydeden Bir Elektronik Sistemin Geliştirilmesi, 2016 - 2017

## Patent

Eren R., Aykut Y., Temesgen A. G., ACACIA-FRANKINCENSE KARIŞIMI BİYOREÇİNE GELİŞTİRİLMESİ VE BU BİYO REÇİNE İLE ENSET DOKUMA KUMAŞ TAKVİYELİ BİYOBOZUNUR KOMPOZİT MALZEME VE BUNUN ÜRETİMİ, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2021/005435 , Standard Registration, 2023

Aykut Y., Eren R., Koç Ü., RULODAN RULOYA TEKSTİL TAKVİYELİ HİDROJEL KOMPOZİTLERİN SERİ ÜRETİMİ İÇİN BİR YÖNTEM, Patent, CHAPTER D Textile; Paper, The Invention Recourse Number: 2022/020603 , Standard Registration, 2022

Eren R., Uslu O., Yener E., Cebe Ö., Farklı tipte kumaş üretimini sağlayan numune dokuma makinesi, Utility Model, CHAPTER D Textile; Paper, The Invention Recourse Number: 2020/01426 , Standard Registration, 2020

## Metrics

Publication: 82

Citation (WoS): 307

Citation (Scopus): 381

H-Index (WoS): 8

H-Index (Scopus): 9

## Non Academic Experience

ULUDAĞ ÜNİVERSİTESİ