

# Prof. EMİNE DİLARA KOÇAK

## Personal Information

**Email:** dkocak@marmara.edu.tr

**Web:** <https://avesis.marmara.edu.tr/dkocak>

## International Researcher IDs

ScholarID: KLGApAwAAAAJ

ORCID: 0000-0002-0656-6430

Publons / Web Of Science ResearcherID: S-4769-2019

ScopusID: 6602580120

Yoksis Researcher ID: 14948

## Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (Dr), Turkey  
2001 - 2004

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (YI)  
(Tezli), Turkey 1996 - 1999

Undergraduate, Marmara University, Faculty of Technical Education, Textile Education, Turkey 1986 - 1990

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Polipropilen (PP), düşük yoğunluklu polietilen (LDPE) ile etilen vinil asetat (EVA) polimer alaşımlarından elde edilen liflerin mekanik, termal ve morfolojik özelliklerinin incelenmesi" /, Marmara Üniversitesi, Faculty of Technology, Textile Engineering, 2004

## Research Areas

Textile Engineering and Technology, Textile Materials, Textile Chemistry, Textile Physics, Yarn Technology (Spinning, weaving, knitting), Cloth Technology, Dye Finishing Technology, Textile Quality Control, Textile Design, Textile Management, Textile Machinery, Technical Textiles, Engineering and Technology

## Academic Titles / Tasks

Professor, Marmara University, Faculty of Technology, Textile Engineering, 1997 - Continues

## Academic and Administrative Experience

Rectorate Commissioner, Marmara University, Faculty of Technology, Textile Engineering, 2018 - Continues  
Erasmus Coordinator, Marmara University, Faculty of Technology, Textile Engineering, 2011 - 2012  
Deputy Head of Department, Marmara University, Faculty of Technology, Textile Engineering, 2011 - 2012  
Deputy Head of Department, Marmara University, Faculty of Technology, Textile Engineering, 2010 - 2011

## Courses

Biyo Mühendislik ve Tekstil Uygulamaları, Doctorate, 2019 - 2020  
Elyaf Bilgisi, Undergraduate, 2019 - 2020

## Advising Theses

Koçak E. D., Atık hayvan kemiklerinden elde edilen kalojenin tekstil yüzeylerine uygulanabilirliğinin araştırılması, Postgraduate, S.KIZILKAYA(Student), Continues  
Koçak E. D., Production and characterization of Fiber From Canola (Barissica Napus L.) stem wastes, Postgraduate, A.ADALET(Student), Continues  
Koçak E. D., • Investigation of Applicability to the Textile Surface of the Flame Retardant Property of the Plant Growing in Turkey, Doctorate, Ç.GÜL(Student), Continues  
Koçak E. D., Investigation of mechanical, sound absorption thermal and morphological properties of bio-based composites formed with fibers from cellulosic agricultural wastes and polyurethane foam , Doctorate, H.OLCAY(Student), Continues  
Koçak E. D., Tekstil Temiz üretiminde sürdürülebilirliğin araştırılması ve yenilenebilir enerji kaynaklarından aktif karbon üretimi, Postgraduate, B.ARDİÇ(Student), Continues  
Koçak E. D., Tunçay Atalay A., Development of Textile Based Soft Actuator For the Treatment of Muscle Diseases At Hand , Postgraduate, E.DEDE(Student), 2021  
Koçak E. D., Termoterapi Uygulamaları İçin Isıtma Fonksiyonlu Tekstil Yüzeyinin Geliştirilmesi, Postgraduate, Z.BELER(Student), 2020  
KOÇAK E. D., Endüstriyel tekstillerde kullanılan poliüretan ve polivinilklorür esash kaplama yüzeylerin performans özelliklerinin incelenmesi, Postgraduate, T.KIZILIRMAK(Student), 2015  
KOÇAK E. D., Atık biyomateryallerden elde edilen aktif karbon üzerinde tekstil boyarmaddelerinin adsorpsiyonu, Postgraduate, B.KOCABIYIK(Student), 2013  
KOÇAK E. D., Farklı yöntemlerle modifiye edilmiş palmye esash dokuma yapılar ile oluşturulan kompozit yapıların mekaniksel özelliklerinin incelenmesi, Postgraduate, O.BURÇAK(Student), 2013  
KOÇAK E. D., Aloe vera jel katımlının biyopolimer karışımlarından üretilmiş nanokompozitin mekaniksel ve termal özelliklerine etkileri, Doctorate, A.ÖZGÜR(Student), 2013

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

- I. **Sustainable fabric printing by using pre-consumed cellulosic textile wastes: The effect of waste particle content**  
YILDIZ Z., KARTAL İ., KOÇAK E. D., Ozer B., Kus B. N., ERYILMAZ O.  
Journal of Cleaner Production, vol.448, 2024 (SCI-Expanded)
- II. **Mechanical and acoustic properties of alkali treated agricultural waste reinforced sustainable polyurethane composites**  
KOÇAK E. D., Olcay H., YILDIZ Z.  
Journal of Reinforced Plastics and Composites, vol.42, no.21-22, pp.1191-1203, 2023 (SCI-Expanded)
- III. **The mechanical, thermal and sound absorption properties of flexible polyurethane foam composites reinforced with artichoke stem waste fibers**

- Olçay H., KOÇAK E. D.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.5\_suppl, 2022 (SCI-Expanded)
- IV. **Synthesize and characterization of sustainable natural fibers/ conductive polymer composites**  
Yazici P., Alkhateab B., Sezer E., KOÇAK E. D., Ustamehmetoğlu B.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.5\_suppl, 2022 (SCI-Expanded)
- V. **Rice plant waste reinforced polyurethane composites for use as the acoustic absorption material**  
Olçay H., KOÇAK E. D.  
APPLIED ACOUSTICS, vol.173, 2021 (SCI-Expanded)
- VI. **Dyeing of Polypropylene Blends by Using Microwave Energy**  
YILMAZ ŞAHİNBAŞKAN B., KOÇAK E. D., Merdan N., Akalin M.  
JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.12, no.2, pp.20-27, 2017 (SCI-Expanded)
- VII. **Examining the Effects of Oxygen Plasma on Physical and Dyeing Properties of Some Cellulose Fibers**  
Koçak E. D.  
Materials Science-Medziagotyra, vol.22, pp.420-425, 2016 (SCI-Expanded)
- VIII. **Effect of the Ecological Methods on the Surface Modification of the Kenaf Fibers**  
MISTIK S. İ., KOÇAK E. D., MERDAN N.  
MATERIALS SCIENCE-MEDZIAGOTYRA, vol.22, no.3, pp.409-414, 2016 (SCI-Expanded)
- IX. **Research into the specifications of woven composites obtained from raffia fibers pretreated using the ecological method**  
Kocak D., Merdan N., Evren O. B.  
TEXTILE RESEARCH JOURNAL, vol.85, no.3, pp.302-315, 2015 (SCI-Expanded)
- X. **Colour and Fastness Properties of Silk Fabrics Dyed With Colours Obtained From The Flowers of The Papaver Rhoëas L. (Common Poppy)**  
Merdan N., Koçak E. D., Yılmaz Şahinbaşkan B.  
Asian Journal Of Chemistry, vol.24, no.10, pp.4295-4299, 2012 (SCI-Expanded)
- XI. **Effect of Applied Different Surface Modification Processes with Cellulose Enzyme on Properties of Luffa Fibres**  
Merdan N., Sancak E., Koçak E. D., Yüksek M.  
Asian Journal Of Chemistry, vol.24, pp.975-980, 2012 (SCI-Expanded)
- XII. **Investigation of mechanical thermal and morphological properties of biaxial glass fiber waste paper reinforced polyester composites**  
KOÇAK E. D., SANCAK E., SESLİ Y., YENİDOĞAN S.  
Science and Engineering of Composite Materials, vol.16, pp.197-208, 2012 (SCI-Expanded)
- XIII. **Impacts of Ultrasonic Energy on Wash ability Sewability and Colour Properties of Materials in Enzymatic Process**  
CENGİZ C., KOÇAK E. D., MERDAN N., AKALIN M.  
Asian Journal Of Chemistry, vol.23, pp.4925-4931, 2011 (SCI-Expanded)
- XIV. **Effects of luffa cylindrical fibers on some mechanical and printability properties of handsheets**  
Aydemir C., Karademir A., Koçak E. D., Yenidoğan S.  
Asian Journal Of Chemistry, vol.23, no.11, pp.4925-4931, 2011 (SCI-Expanded)
- XV. **Investigation of Properties of Polymer/Textile Fiber Composites**  
Tasdemir M., Akalin M., Kocak D., Usta İ., Merdan N.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.59, no.3, pp.200-214, 2010 (SCI-Expanded)
- XVI. **Investigation of mechanical, thermal and morphological properties of biaxial glass fiber/waste paper reinforced polyester composites**  
Yenidoğan S., Koçak E. D., Sesli Y., Sancak E.  
Science And Engineering Of Composite Materials, vol.16, pp.197-208, 2009 (SCI-Expanded)
- XVII. **THE STUDY OF THE EFFECTS OF DIFFERENT CHEMICAL COMPOUNDS APPLIED ON LUFFA CYLINDRICA FIBRES WITH THE HELP OF ULTRASONIC ENERGY**  
Kocak D.  
JOURNAL OF POLYMER ENGINEERING, vol.28, no.8, pp.501-515, 2008 (SCI-Expanded)

- XVIII. **The influence of ultrasonic energy on chemical treatment of surface properties and the properties of composites made of luffa cylindrical fiber-polyester resin**  
Kocak E. D.  
JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.130, no.4, 2008 (SCI-Expanded)
- XIX. **Mechanical, thermal, and microstructure analysis of silk- and cotton-waste-fiber-reinforced high-density polyethylene composites**  
Kocak D., Tasdemir M., USTA İ., Merdan N., Akalin M.  
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.47, no.5, pp.502-507, 2008 (SCI-Expanded)
- XX. **Properties of Recycled Polycarbonate/Waste Silk and Cotton Fiber Polymer Composites**  
Tasdemir M., Kocak D., Usta İ., Akalin M., Merdan N.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.57, no.8, pp.797-805, 2008 (SCI-Expanded)
- XXI. **Properties of Polypropylene Composite produced with Silk and Cotton Fiber Waste as Reinforcement**  
Taşdemir M., Koçak E. D., Usta İ., Merdan N.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.56, no.12, pp.1155-1165, 2007 (SCI-Expanded)
- XXII. **Effects of ultrasonic energy on the wash fastness of reactive dyes**  
Akalin M., Merdan N., KOÇAK E. D., USTA İ.  
ULTRASONICS, vol.42, pp.161-164, 2004 (SCI-Expanded)
- XXIII. **Effects of Ultrasonic Energy on Dyeing of Polyamide Microfiber Lycra Blends**  
MERDAN N., AKALIN M., KOÇAK E. D., USTA İ.  
Ultrasonics, vol.42, pp.165-168, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Improvement of lichen reinforced soybean oil based coatings and their applications on textile**  
KOÇAK E. D., YILDIZ Z., YUMUŞAK G.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.14, no.3, pp.673-684, 2024 (Peer-Reviewed Journal)
- II. **Studies on Mechanical Performance of Cynara Scolymus / Polyethylene terephthalate Nonwoven Composites**  
İzgi A. A., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., MERDAN N.  
Selçuk Teknik, Özel Sayı (ICENTE'17), pp.107-116, 2018 (Peer-Reviewed Journal)
- III. **Effect of Microwave and Ultrasonic Surface Treatments on Heat Conductivity Properties of Luffa Cylindrica Fibre Reinforced Polyethylene Composites**  
OVALI S., MISTIK S. İ., KOÇAK E. D.  
International Journal of Pharmaceutical, Chemical and Biological Sciences, vol.6, no.4, 2016 (Peer-Reviewed Journal)
- IV. **Effect of Microwave Energy on Disperse Dyeability of Polypropylene Fibers**  
KOÇAK E. D., AKALIN M., MERDAN N., YILMAZ ŞAHİNBAŞKAN B.  
Marmara Journal of Pure and Applied Sciences, pp.27-31, 2015 (Peer-Reviewed Journal)
- V. **Investigation Of The Effect Of The Dyeing Method On The Dyeing Properties Of Wool Fabrics Dyed With Natural Dyes Extracted From Vaccinium Corymbosum L.**  
KILINÇ M., KOÇAK E. D., EYÜPOĞLU Ş., DAYIOĞLU H., MERDAN N., YILDIZ F.  
International Journal of Advances in Engineering and Pure Sciences, vol.27, pp.78-82, 2015 (Peer-Reviewed Journal)
- VI. **Investigation of The Dyeability Behavior of Banana Fibers With Natural Dye Extract Obtained From Turmeric Plants**  
Eyüpoğlu Ş., Merdan N., Dayioğlu H., Koçak E. D.  
Marmara Fen Bilimleri Dergisi, vol.27, pp.40-44, 2015 (Peer-Reviewed Journal)
- VII. **POLİ(LAKTİK ASİT)'İN KULLANIM ALANLARI VE NANO LİF ÜRETİMDEKİ UYGULAMALARI**

Üner İ., Koçak E. D.

İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi , no.22, pp.79-88, 2013 (Peer-Reviewed Journal)

**VIII. Effect of UV Absorbers On Cotton Fabrics**

Merdan N., Koçak E. D., Yılmaz Şahinbaşkan B., Yüksek M.

Advances in Environmental Biology, vol.6, pp.2151-2157, 2012 (Peer-Reviewed Journal)

**IX. Investigation on Colour and Fastness Properties of Wool Fabrics with Colour Obtained From The Flowers of The Papaver Rhoeas L Common Poppy**

MERDAN N., SAÇLIOĞLU M. Z., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.

Advances in Environmental Biology, vol.6, pp.750-755, 2012 (Peer-Reviewed Journal)

**X. Effect of Degumming Performed with Different Type Natural Soaps and Through Ultrasonic Method on the Properties of Silk Fiber**

YÜKSEK M., KOÇAK E. D., BEYİT A., MERDAN N.

Advances in Environmental Biology, vol.6, pp.801-808, 2012 (Peer-Reviewed Journal)

**XI. Sintering effect on mechanical properties of composites of bovine hydroxyapatite BHA 5 Al<sub>2</sub>O<sub>3</sub> TiO<sub>2</sub>**

Pazarlıoğlu S. S., Merve B., Küpeli G., Koçak E. D., Salman S.

Usak University Journal of Material Sciences, vol.1, pp.23-27, 2012 (Peer-Reviewed Journal)

**XII. Sintering effect on mechanical properties of composites of bovine hydroxyapatite (BHA)-5(Al<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>)**

PAZARLIOĞLU S. S., SALMAN S., KOÇAK E. D.

Usak University Journal of Material Sciences, vol.1, no.1, pp.23-27, 2012 (Peer-Reviewed Journal)

**XIII. Farklı oranlardaki pamuk atıkları (telef) ile desteklenmiş PP polimerinin oluşturduğu kompozit yapıların mekanik ve akış özelliklerinin incelenmesi**

Usta İ., Akalın M., Koçak E. D., Merdan N., Taşdemir M.

Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, no.2, pp.405-410, 2003 (Scopus)

**XIV. Ultrasonik Yıkamaların Pamuk İplik Özelliklerine Etkileri**

Koçak E. D., Canoğlu S., Merdan N.

TEKSTİL TEKNİK, vol.5, no.10, pp.22-37, 2001 (Non Peer-Reviewed Journal)

## **Books & Book Chapters**

**I. Chapter 7: Emerging Applications of Photocurable Polymers**

YILDIZ Z., KOÇAK E. D.

in: Specialty Polymers; Fundamentals, Properties, Applications and Advances, Ram K. Gupta, Editor, CRC Press, Taylor & Francis Group, Florida, pp.97-111, 2023

**II. Chapter 18: Polymers for the Textile Industry**

KOÇAK E. D., YILDIZ Z.

in: Specialty Polymers; Fundamentals, Properties, Applications and Advances, Ram K. Gupta, Editor, CRC Press, Taylor & Francis Group, Florida, pp.265-277, 2023

**III. Green Flame Retardants/Synergism in Nitrogen-and Phosphorus-Based Flame Retardants**

KOÇAK E. D., OLCAY H., gül ç.

in: Materials and Chemistry of Flame-Retardant Polyurethanes, Ram K. Gupta, Editor, American Chemical Society, Washington, pp.213-247, 2021

**IV. Composite Material Design for Aircrafts from Sustainable Lignocellulosic Fibers—A Review**

KOÇAK E. D., gül ç.

in: Sustainable Textiles: Production, Processing, Manufacturing & Chemistry, Subramanian Senthilkannan Muthu, Editor, Springer, pp.23-39, 2021

**V. Sustainability In Polyurethane Synthesis and Bio-Based Polyurethanes**

Olçay H., Koçak E. D., Yıldız Z.

in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Miguel Angel Gardetti, Editor, Springer, London/Berlin , Heidelberg, pp.1-178, 2020

- VI. **Use of Roselle (*Hibiscus sabdariffa*) in Composite Materials for Sustainability**  
Taşdemir M., Gül Ç., Koçak E. D.  
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Editor, Springer, London/Berlin , Zug, pp.1-178, 2020
- VII. **The Effects of Ecological and Sustainable Chemical Surface Modification Methods on the Properties of Lignocellulose-Based Fibers**  
Koçak E. D., Merdan N.  
in: Sustainability in the Textile and Apparel Industries Sourcing Natural Raw Materials, Subramanian Senthilkannan Muthu, Editor, Springer, London/Berlin , Zug, pp.1-181, 2020
- VIII. **Sustainability In Polyurethane Synthesis and Bio-Based Polyurethanes**  
OLCAY H., KOÇAK E. D., YILDIZ Z.  
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Miguel Angel Gardetti, Editor, Springer International Publishing, pp.139-156, 2020
- IX. **Use of Roselle (*Hibiscus sabdariffa*) in Composite Materials for Sustainability**  
TAŞDEMİR M., KOÇAK E. D.  
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Miguel Angel Gardetti, Editor, Springer, Cham, pp.97-115, 2020
- X. **Sustainable Green-Based Composites from Renewable Resources in Textile: Industrial Cotton Wastes**  
KOÇAK E. D., TAŞDEMİR M., GÜL Ç.  
in: Sustainability in the Textile and Apparel Industries, Miguel Angel Gardetti, Editor, springer, CHAM, pp.45-61, 2020
- XI. **Chemical Surface Modification Methods on the Properties of Lignocellulose-Based Fibers Sustainability in the Textile and Apparel Industries**  
KOÇAK E. D., MERDAN N.  
in: Sustainability in the Textile and Apparel Industries, Muthu, Subramanian Senthilkannan, Gardetti, Miguel Ángel, Editor, Springer, pp.1-25, 2020
- XII. **Use of Roselle (*Hibiscus sabdariffa*) in Composite Materials for Sustainability**  
TAŞDEMİR M., GÜL Ç., KOÇAK E. D.  
in: Sustainability in the Textile and Apparel Industries, Miguel Angel Gardetti, Editor, springer, CHAM, pp.97-115, 2020
- XIII. **Sustainable Green-Based Composites from Renewable Resources in Textile: Industrial Cotton Wastes**  
Koçak E. D., Taşdemir M.  
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Miguel Angel Gardetti, Editor, Springer, London/Berlin , Zug, pp.45-61, 2020
- XIV. **Sound Absorption Performance of Okra (*Abelmoschus esculentus* L.) Waste Fibers**  
KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., Ardıç B., İzgi A. A.  
Lambert Academic Publishing, 2018
- XV. .  
KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.  
LAP LAMBERT Academic Publishing, 2018
- XVI. **Fiber Extraction from Okra Plant Agricultural Wastes, Their Characterizations and Surface Modifications by Environmental Methods**  
KOÇAK E. D., MERDAN N., MISTIK S. İ., YILMAZ ŞAHİNBAŞKAN B.  
in: Sustainable Innovations in Textile Fibres, Subramanian Senthilkannan Muthu, Editor, Springer, Singapore, pp.53-80, 2018
- XVII. **Sustainable Nonwoven Products From Raising Wastes For Automotive Industry**  
Erdal S., Akay D., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.  
in: Current Academic Studies in Engineering Sciences, Serdar Salman, Rıdvan Karapınar, Duygu Kavak, Ali Kılıçer, Editor, Gece Kitaplığı, pp.1479-1490, 2018
- XVIII. **The Use of *Luffa cylindrica* Fibres as Reinforcements in Composites**  
KOÇAK E. D., MISTIK S. İ., AKALIN M., MERDAN N.

in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.689-699, 2015

**XIX. The Use of Palm Leaf Fibres as Reinforcements in Composites**

KOÇAK E. D., MISTIK S. İ.

in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.273-281, 2015

**XX. The Use of Luffa Cylindrica Fibres as Reinforcements in Composites**

KOÇAK E. D., MISTIK S. İ., AKALIN M., MERDAN N.

in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.689-699, 2015

**XXI. The Use of Palm Leaf Fibres as Reinforcements in Composites**

KOÇAK E. D., MISTIK S. İ.

in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.273-281, 2015

**XXII. Investigation of Elasticity Properties of Multiaxial Warp Knitted Bandages**

Uzun M., Koçak E. D., Mistik S. İ., Akalin M.

in: Medical and Healthcare Textiles, Anand S.C., Kennedy J.F., Miraftab M., Rajendran S, Editor, Woodhead Publishing Limited , Manchester, pp.150-160, 2010

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

**I. Microwave Assisted Surface Treatment of Okra Fibers**

izgi a. a., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.

18th Autex World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.589-594

**II. Atık Selülozun In Situ-Koagülasyonu ile Güçlendirilmiş, Biyo Esaslı Foto-Kürlenebilen Kaplamaların Geliştirilmesi ve Hafifletilmiş Tente/Branda Uygulamaları**

YILDIZ Z., KOÇAK E. D., ÖNEN H. A.

34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022

**III. Investigation of Thermal Characteristics of the Polyurethane Composites Reinforced with the Fibers Obtained from Agricultural Wastes**

Olçay H., Koçak E. D., Eryılmaz O.

ICNF 2021 - 5th International Conference on Natural Fibers, Lisbon, Portugal, 17 - 19 May 2021, pp.193-195

**IV. Improvement the Washing Fastness of Fabrics with Water Repellent Finish via UV-Curable Coatings**

YILDIZ Z., ÖNEN H. A., Dehmen O. G., GÜNGÖR A., KOÇAK E. D.

17th NATIONAL 3rd INTERNATIONAL THE RECENT PROGRESS SYMPOSIUM ON TEXTILE TECHNOLOGY AND CHEMISTRY, 20 - 22 November 2019

**V. INVESTIGATION OF THE PARAMETERS OF YARNS OBTAINED FROM SPINNING MILLWASTES**

akay d., izgi a. a., KOÇAK E. D.

17th NATIONAL 3rd INTERNATIONAL THE RECENT PROGRESS SYMPOSIUM ON TEXTILE TECHNOLOGY AND CHEMISTRY, 20 - 22 November 2019

**VI. INVESTIGATION OF THERMAL AND MORPHOLOGICAL PROPERTIES OF ACTIVE CARBON OBTAINED BY LIGNOCELLULOSE BIO-BASED MATERIALS**

ardıç b., KOÇAK E. D.

17th NATIONAL 3rd INTERNATIONAL THE RECENT PROGRESS SYMPOSIUM ON TEXTILE TECHNOLOGY AND CHEMISTRY, Bursa, Turkey, 20 - 22 November 2019

**VII. Mazı Gomalığından Elde Edilmiş Doğal Boya ile Boyanmış Çeşitli Doğal Protein Liflerinin Renk ve Haslık Özelliklerinin İncelenmesi**

KOÇAK E. D., YILDIZ F., MERDAN N.

BAİBÜ – BAMER KIBRISCIK ARAŞTIRMALARI VE HALK KÜLTÜRÜ SEMPOZYUMU, Turkey, 31 October - 01 November 2019

- VIII. **Investigation of Physical Properties of Recycled Polypropylene/Rice Husk Polymer Composite**  
Ulutaş E., Taşdemir M., Koçak E. D.  
The international conference on materials science, mechanical and automotive engineerings and technology, Nevşehir, Turkey, 21 - 23 June 2019, pp.202-205
- IX. **Geri dönüşümlü polipropilen/pirinç kabuğu polimer kompozitinin mekanik özelliklerinin incelenmesi**  
Ulutaş E., Taşdemir M., Koçak E. D.  
The international conference on materials science, mechanical and automotive engineerings and technology, Nevşehir, Turkey, 21 - 23 June 2019, pp.206-209
- X. **Geri dönüşümlü polipropilen/pirinç kabuğu polimer kompozitinin fiziksel özelliklerinin incelenmesi**  
Ulutaş E., Taşdemir M., Koçak E. D.  
The international conference on materials science, mechanical and automotive engineerings and technology, Nevşehir, Turkey, 21 - 23 June 2019, pp.202-205
- XI. **Ulutaş E., Taşdemir M., Koçak E. D.**  
The international conference on materials science, mechanical and automotive engineerings and technology, Nevşehir, Turkey, 21 - 23 June 2019, pp.206-209
- XII. **Endüstriyel Bitim İşlemleri- Nano Hibrit Kaplama İle Dış Mekan Tekstil ÜrünlerininÇalışılması**  
sütçüler c., izgi a. a., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.  
V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, pp.317
- XIII. **Otomotiv Endüstrisi İ' çin Şardon Atıklarından Sürdürülebilir Dokusuz Yüzey Eldesi**  
erdal s., akay d., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.  
V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, pp.422
- XIV. **BOYAMALARIN RENKLİLİK ÖZELLİKLERİNE FARKLI MORDAN MADDELERİNİN ETKİLERİ**  
DAYIOĞLU H., KOÇAK E. D., YILDIZ F.  
Uluslararası Kültür, Sanat ve Toplum Sempozyumu, 18 - 20 October 2018
- XV. **SYNTHESIZE AND CHARACTERIZATION OF NATURAL FIBERS/ CONDUCTING POLYMER COMPOSITES**  
yazıcı p., AlKhateab B., USTAMEHMETOĞLU B., SEZER E., KOÇAK E. D.  
1 INTERNATIONAL BALKAN CHEMISTRY CONGRESS – IBCC 2018, Edirne, Turkey, 17 - 20 September 2018, pp.284
- XVI. **Microwave Assisted Surface Treatment of Okra Fibers**  
Izgi A. A., Kocak E. D., Sahinbaskan B. Y.  
18th World Textile Conference (AUTEX), İstanbul, Turkey, 20 - 22 June 2018, vol.460
- XVII. **Influence of Ultrasonic Energy on Thermal Conductivity of Enzymatic Treated Agriculture Fibers**  
ARDIÇ B., MERDAN N., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.  
AUTEX 2018 World Textile Conference, 20 - 22 June 2018
- XVIII. **Ultrasonic assisted Surface Treatment of Okra Fibers**  
Ardıç B., MERDAN N., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., MISTIK S. İ.  
ETT 2018, 14 - 16 April 2018
- XIX. **Thermal Conductivities of Nonwoven Product From Enzymatic Treated Agricultural Okra Waste**  
YILMAZ ŞAHİNBAŞKAN B., KOÇAK E. D., İzgi A. A., Ardiç B.  
7. International Conference on Advanced Technologies (ICAT 2018), Antalya, Turkey, 28 - 30 April 2018
- XX. **Effect of microwave energy on sound absorption of chemical treated agricultural fibers**  
İZGİ A. A., YILMAZ ŞAHİNBAŞKAN B., MERDAN N., KOÇAK E. D.  
ETT2018 8th International Istanbul Textile Conference, 14 - 16 April 2018
- XXI. **Ultrasonic Assisted Surface Treatment of Okra Fibers**  
MERDAN N., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., MISTIK S. İ., ARDIÇ B.  
ETT2018 8th International Istanbul Textile Conference, 14 - 16 April 2018
- XXII. **Fiber production from agricultural okra wastes and comparative investigation of surface modifications applied on okra fibers in different methods**  
ardıç b., KOÇAK E. D., MERDAN N., MISTIK S. İ.  
ICENTE'xx17 International Conference on Engineering Technologies, Konya, Turkey, 7 - 09 December 2017
- XXIII. **Investigation of the sound absorption Properties of waste cotton lichen nonwoven materials**  
EYÜPOĞLU Ş., MERDAN N., KOÇAK E. D., DAYIOĞLU H.



- ICENTE'xx17 International Conference on Engineering technologies, Konya, Turkey, 7 - 09 December 2017
- XXIV. **INVESTIGATION OF SOUND ABSORPTION PROPERTIES OF OKRANONWOVEN MATERIALS**  
izgi a. a., KOÇAK E. D., ardiç b., MISTIK S. İ., YILMAZ ŞAHİNBAŞKAN B.  
ICENTE 2017, Konya, Turkey, 7 - 09 December 2017
- XXV. **Investigation of Sound Absorption Properties of Okra Nonwoven Materials**  
İzgi A. A., KOÇAK E. D., MISTIK S. İ., Ardiç B., YILMAZ ŞAHİNBAŞKAN B.  
International Conference on Engineering Technologies (ICENTE 2017), 7 - 09 December 2017, pp.598-601
- XXVI. **Studies on Mechanical OPerformance of Cynara Scolymus PET Nonwoven Composites**  
izgi a. a., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., MISTIK S. İ., ardiç b.  
ICENTE 2017, Konya, Turkey, 7 - 09 December 2017
- XXVII. **Studies on Mechanical Performance of Cynara Scolymus PET Nonwoven Composites**  
İzgi A. A., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., MERDAN N., Ardiç B.  
International Conference on Engineering Technologies (ICENTE 2017), 7 - 09 December 2017, pp.602-605
- XXVIII. **Studies on Mechanical Performance of Cynara Scolymus / Polyethylene terephthalate Nonwoven Composite**  
İZGİ A. A., KOÇAK E. D., MERDAN N., ARDIÇ B., YILMAZ ŞAHİNBAŞKAN B.  
ICENTE 2017, 7 - 09 December 2017
- XXIX. **Fiber Production From Agricultural Okra Wastes and Comparative Investigation of Surface Modification Applied on Okra Fibers in Different Methods**  
ARDIÇ B., KOÇAK E. D., MERDAN N., MISTIK S. İ.  
ICENTE 2017, 7 - 09 December 2017
- XXX. **Investigation of the sound absorption Properties of waste cotton lichen nonwoven materials**  
EYÜPOĞLU Ş., MERDAN N., KOÇAK E. D., DAYIOĞLU H.  
ICENTE 2017, 7 - 09 December 2017
- XXXI. **İPEK KUMAŞIN KIZILAĞAÇ KABUĞUNDAN EKSTRAKTE EDİLEN DOĞAL BOYA İLE BOYANMASI**  
KOÇAK E. D., MERDAN N., YILDIZ F., demir b.  
II. ULUSLARARASI AKDENİZ SANAT SEMPOZYUMU DOĞAL BOYA SEMPOZYUMU ÇALIŞTAYI SERGİSİ, Antalya, Turkey, 10 - 12 May 2017, pp.60-66
- XXXII. **SYNTHESIZE and ELECTROCHEMICAL IMPEDANCE BEHAVIOUR OF NATURAL ARTHICOKE FIBER/PEDOT CONDUCTIVE COMPOSITES**  
Yazıcı P., AlKhateab B., USTAMEHMETOĞLU B., SEZER E., KOÇAK E. D., Naycı Duman M.  
3rd INTERNATIONAL CONFERENCE ON NATURAL FIBERS, İzmir, Turkey, 26 - 28 October 2017
- XXXIII. **SYNTHESIZE OF NATURAL ARTHICOKE FIBER/PCz CONDUCTIVE COMPOSITES**  
Yazıcı P., USTAMEHMETOĞLU B., SEZER E., KOÇAK E. D., Naycı Duman M.  
3rd INTERNATIONAL CONFERENCE ON NATURAL FIBERS, İzmir, Turkey, 26 - 28 October 2017
- XXXIV. **SYNTHESIZE OF NATURAL ARTICHOKE FIBER/PCzCONDUCTIVE COMPOSITES**  
yazıcı p., AIKHATEAB B., USTAMEHMETOĞLU B., SEZER E., KOÇAK E. D., duman nayci m.  
XIVth International İzmir Textile and Apparel Symposium, İzmir, Turkey, 26 - 28 October 2017
- XXXV. **SYNTHESIZE AND ELECTROCHEMICAL IMPEDANCEBEHAVIOUR OF NATURAL ARTICHOKE FIBER/PEDOTCONDUCTIVE COMPOSITES**  
yazıcı p., baidaa A., USTAMEHMETOĞLU B., KOÇAK E. D., duman nayci m.  
XIVth International İzmir Textile and Apparel Symposium, İzmir, Turkey, 26 - 28 October 2017
- XXXVI. **Dyeing of Disposable Viscose Nonwoven Fabric With Natural Dye Extracted From Alkanna Orientalis Herb**  
YILMAZ ŞAHİNBAŞKAN B., MERDAN N., DEMİR B., KOÇAK E. D.  
XIVth International İzmir Textile and Apparel Symposium, 25 - 28 October 2017
- XXXVII. **Investigation of sound absorption properties of okra nonwoven materials**  
DUMAN M., KOÇAK E. D., MERDAN N., MISTIK S. İ.  
XIVth International İzmir Textile and Apparel Symposium, 25 - 28 October 2017
- XXXVIII. **Investigation of the Dyeability Behaviors of Raffia Fibers Dyed with Natural Dyes Extracted from Garnet Plant**

YILMAZ ŞAHİNBAŞKAN B., MERDAN N., KOÇAK E. D., EYÜPOĞLU Ş.

XIVth International İzmir Textile and Apparel Symposium, 25 - 28 October 2017

- XXXIX. **Comparative Properties of polyolefin Fibers in Dyeing with Microwave Heating and Conventional Methods**  
YILMAZ ŞAHİNBAŞKAN B., DUMAN NAYCI M., KOÇAK E. D.  
ICENS2017, Budapest, Hungary, 3 - 07 May 2017
- XL. **Comparative Properties of Polyolefin Fibers in Dyeing with Conventional and Microwave Heating Methods**  
YILMAZ ŞAHİNBAŞKAN B., NAYCI DUMAN M., KOÇAK E. D.  
ICENS 2017, 3 - 07 May 2017
- XLII. **Ses Yutumu ve Isı Yalıtım Malzemelerine Alternatif: Bamya Lifleri**  
MERDAN N., KOÇAK E. D., MİSTİK S. İ., DUMAN M.  
Uluslararası AR-GE İşbirlikleri Zirvesi ve Fuarı, 3 May - 05 June 2017
- XLIII. **Nonwoven Production from Agricultural Okra Wastes and Investigation of their Thermal Conductivities**  
DUMAN NAYCI M., KOÇAK E. D., MERDAN N., MİSTİK S. İ.  
AUTEX 2017 World Textile Conference, Korfu, Greece, 29 - 31 May 2017
- XLIII. **Nonwoven production from agricultural okra wastes and investigation of their thermal conductivities**  
Duman M. N., Kocak E. D., Merdan N., Mistik I.  
17th World Textile Conference of the Association-of-Universities-for-Textiles (AUTEX) - Shaping the Future of Textiles, Greece, 29 - 31 May 2017, vol.254
- XLIV. **Nonwoven production agricultural okra wastes and investigation of their thermal conductivities**  
DUMAN M., KOÇAK E. D., MERDAN N., MİSTİK S. İ.  
AUTEX World Textile Conference, 20 - 31 May 2017
- XLV. **Enginar Atıklarından Çevreyle Dost Doğal Lif Üretimi, Uluslararası**  
KOÇAK E. D., MERDAN N., AKALIN M., SANCAK E.  
Uluslararası AR-GE İşbirlikleri Zirvesi ve Fuarı, 3 - 05 May 2017
- XLVI. **Effect of ultrasonic surface modification on heat conductivity properties of luffa cylindrica fibre reinforced polyethylene composites**  
OVALI S., MİSTİK S. İ., KOÇAK E. D.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1402-1405
- XLVII. **Mengen de Kullanılan Geleneksel Poğ Örtülerindeki Doğal Boyalı Nakış İpliklerinin Renk Özelliklerinin İncelenmesi**  
MERDAN N., KOÇAK E. D., EYÜPOĞLU Ş.  
7th International Istanbul Textile Conference, İstanbul, Turkmenistan, 21 - 23 March 2016
- XLVIII. **Surface Modification of Agave Americana Fibers with Pectinase Enzyme**  
Duman M., KOÇAK E. D., MERDAN N.  
Eco-Bio 2016, Rotterdam, Netherlands, 6 - 09 March 2016
- XLIX. **Eco Friendly Printing of Silk Material with Natural Dyes Extracted From The Fruit of Plant Sambucus Nigra L**  
MERDAN N., Duman m., KOÇAK E. D.  
Eco-Bio 2016, Rotterdam, Netherlands, 6 - 09 March 2016
- L. **Investigation of Mechanical Properties of Platanus Orientalis L Seed Fiber Polypropylene Nonwoven Composites**  
KOÇAK E. D., MERDAN N., YILMAZ ŞAHİNBAŞKAN B., MİSTİK S. İ., AKALIN M.  
6th International Technical Textiles Congress, İzmir, Turkey, 14 - 16 October 2015, pp.333-334
- LI. **Ecological Surface Modification of Lignocellulosic Fibers Obtained From Arundo Donax L Plant**  
Mistik S. İ., Ovalı S., Koçak E. D., Merdan N., Yılmaz Şahinbaşkan B., Kayar M.  
6th International Technical Textiles Congress, İzmir, Turkey, 14 - 16 October 2015, pp.311-312
- LII. **Ecological Surface Modification on Lignocellulosic Fibers Obtained From Arundo Donax L Plant**

MISTIK S. İ., OVALI S., KOÇAK E. D., MERDAN N., YILMAZ ŞAHİNBAŞKAN B., KAYAR M.

6 th International Technical Textile Congress, 14 - 16 October 2015

- LIII. **Using of Ultrasonic Sewing on Polyester Based Multiaxial Fabrics and Investigation of its Effects on the Mechanical Properties of the Composites**  
Kayar M., Mıstık S. İ., Koçak E. D., Ovalı S.  
ICM&T23 - 23rd International Conference on Materials and Technology, Piran, Slovenia, 28 - 30 September 2015, pp.124
- LIV. **Using of Ultrasonic Sewing on Polyester Based Multiaxial Fabrics and Investigation of Its Effects on the Mechanical Properties of the Composites**  
KAYAR M., MISTIK S. İ., KOÇAK E. D., OVALI S.  
23rd International Conference on Materials and Technology, Portoroz, Slovenia, 28 - 30 September 2015, pp.124
- LV. **Investigation of Transfer Print Quality on Nano Hybrid Coated Nonwoven Fabrics**  
CANBOLAT Ş., MERDAN N., KOÇAK E. D., MISTIK S. İ.  
5th International Istanbul Textile Congress 2015, İstanbul, Turkey, 11 - 12 September 2015, pp.37
- LVI. **Investigation of Water Repellence Properties of Coated Nonwoven Fabrics**  
KILINÇ M., MERDAN N., KOÇAK E. D., MISTIK S. İ.  
5th International Istanbul Textile Congress 2015, İstanbul, Turkey, 11 - 12 September 2015, pp.65
- LVII. **Effect of Ecological Methods on Surface Treatments of Cotton Polypropylene Waste Fiber Reinforced Polymer Composites**  
MISTIK S. İ., KAYAR M., KOÇAK E. D.  
ICCS-18th International Conference on Composite Structures, Lisboa, Portugal, 15 - 18 June 2015
- LVIII. **Effect of Ecological Methods on Surface Treatments of Cotton Polypropylene Waste Fiber reinforced Polymer Composites**  
MISTIK S. İ., KAYAR M., KOÇAK E. D.  
18th International Conference on Composite Structures, Lizbon, Portugal, 15 - 18 June 2015, pp.198
- LIX. **Investigation of Sound Absorption Properties of Environmentally Modified Agave Americana Fibers Polyurethane Composites**  
KOÇAK E. D., MERDAN N.  
18th International Conference on Composite Structures, Lizbon, Portugal, 15 - 18 June 2015, pp.38-39
- LX. **Effect of Different Surface Treatment Methods on Physical Properties of Banana Fibers**  
Koçak E. D., Merdan N., Mıstık S. İ., Akalın M., Kayar M.  
ICCS18 - 18th International Conference on Composite Structures, Lisbon, Portugal, 15 - 18 June 2015, pp.197
- LXI. **Dyeing of Polypropylene Based Textile Materials with Different Methods**  
KOÇAK E. D., AKALIN M., MERDAN N., YILMAZ ŞAHİNBAŞKAN B.  
International Textile Submit 2, Kahramanmaraş, Turkey, 22 - 24 October 2014
- LXII. **Effect of Microwave Energy on Disperse Dyeability of Polypropylene Fibers**  
KOÇAK E. D., AKALIN M., MERDAN N., YILMAZ ŞAHİNBAŞKAN B.  
6 th International Istanbul Textile Conference on Future Technical Textiles, Turkey, 15 - 17 October 2014
- LXIII. **Investigation Of The Properties Of Alginat/Poly (Vinil Alcohol) Nano Fibers", XII International Conference on Nanostructured Materials**  
Koçak E. D., Erdem R., Sancak E.  
XII International Conference on Nanostructured Materials (NANO 2014), Moscow, Russia, 13 - 18 June 2014, pp.1032
- LXIV. **An investigation of electromagnetic shielding and mechanical properties of conductive fiber reinforced composites**  
SANCAK E., YILDIZ Z., YÜKSEK M., DEMİREL N., KOÇAK E. D.  
International Conference Exhibition On Advanced And Nanomaterials, Quebec, Canada, 12 August - 14 December 2013
- LXV. **An Investigation Electromagnetic Shielding and Mechanical Properties of Conductive Fiber Reinforced Composites**  
Sancak E., Yıldız Z., Yüksek M., Demirel Gültekin N., Koçak E. D.

International Conference & Exhibition on Advanced and Nanomaterials, Quebec, Canada, 12 - 14 August 2013, pp.0-5

- LXVI. **Investigation of Mechanical Properties of the Rattan Polyurethane Foam Composites**  
Kayar M., Koçak E. D., Canbolat Ş., Merdan N., Mıstık S. İ.  
ICCS17 - 17th International Conference on Composite Structures, Porto, Portugal, 17 - 21 June 2013, pp.109-110
- LXVII. **Investigation of Mechanical Properties of the Nanohybrid Coated Cotton/HDPE Composites**  
Merdan N., Kayar M., Mıstık S. İ., Koçak E. D., Akalın M.  
ICCS17 - 17th International Conference on Composite Structures, Porto, Portugal, 17 - 21 June 2013, pp.98
- LXVIII. **Investigation of Mechanical Properties of the Olive/PP (Mah-g) Thermoplastic Composites**  
Mıstık S. İ., Kayar M., Koçak E. D., Merdan N., Akalın M.  
ICCS17 - 17th International Conference on Composite Structures, Porto, Portugal, 17 - 21 June 2013, pp.87
- LXIX. **Effect of Ultrasonic Sewing on the Seam Strength Properties of the Woven Polyester Fabric**  
Mıstık S. İ., Kayar M., Koçak E. D., Merdan N.  
2nd International Conference on Value Addition and Innovation in Textiles, Faisalabad, Pakistan, 18 - 19 March 2013, pp.253-258
- LXX. **Effect of Ultrasonic Sewing on the Seam Strength Properties of the Woven Polyester and Polyamide Fabrics**  
Kayar M., Mıstık S. İ., Merdan N., Koçak E. D.  
2nd International Conference on Value Addition and Innovation in Textiles, Faisalabad, Pakistan, 18 - 19 March 2013, pp.249-252
- LXXI. **Dyeing Of Enzymatic Treated Hemp Fibre By Microwave Method**  
Merdan N., Koçak E. D., Mıstık S. İ., Yüksek M., Akalın M.  
THE 4th RMUTP International Conference: Textiles & Fashion 2012 July 3-4, 2012, Bangkok Thailand, 3 - 04 July 2012
- LXXII. **Dyeing of Enzymatic Treated Hemp Fibre By Microwave Method**  
Merdan N., Koçak E. D., Mıstık S. İ., Yüksek M., Akalın M.  
The 4th RMUTP International Conference:Textile & Fashion, Bangkok, Thailand, 3 - 04 July 2012
- LXXIII. **Effect of Ultrasonic Energy for Washing and Sewing Properties of Materials in the Enzymatic Processes**  
Merdan N., Koçak E. D., Yüksek M., Akalın M.  
11th World Textile Conference, Mulhouse, France, 8 - 10 April 2011
- LXXIV. **Tensile Properties Estimation Of Biaxial Glass Fiber Waste Paper Reinforced Polyester Composites By Using Ann Artificial Neural Network Method**  
Akalın M., Yenidoğan S., Sesli Y., Koçak E. D.  
1st International Conference on Value Addition and Innovation in Textiles, Faisalabad, Pakistan, 14 - 15 March 2011
- LXXV. **Tensile Properties Estimation of Biaxial Glass Fibre/ Waste Paper Reinforced Polyester Composites by using Ann (Artificial Neural Network) Method**  
Yenidoğan S., Sesli Y., Karatepe Mumcu Y., Koçak E. D.  
1st International Conference on Value Addition & Innovation in Textile COVITEX,2011, Pakistan, 14 March 2011, pp.166-173
- LXXVI. **Mechanical Properties of Multi-axial Glass Fiber/ Mah-waste Kraftpaper Reinforced polyester Composites**  
Sancak E., Yenidoğan S., Sesli Y., Koçak E. D.  
ITC&DC 5th- International Textile, Clothing & Design Conference, Dubrovnik, Croatia, 3 - 06 October 2010, pp.76-83
- LXXVII. **Investigation of the Filtration Properties of Medical Properties Medical Masks**  
Akalın M., Usta İ., Koçak E. D., Özen M. S.  
Medtex07 International Conference and Exhibition on Healthcare and Medical Textiles, 16 - 18 July 2007
- LXXVIII. **Effects of different quantites of silk and cotton waste used as fibre reinforced composites with, recycled PA, and PC, PPHDPE on resultant composites structure**

## Supported Projects

- Koçak E. D., Merdan N., Şahinbaşkan B., TUBITAK Project, Bamya Abelmoschus Esculentus Gövde Atıklarından Lîf Eldesi ve Liflerden Elde Edilen Dokusuz Yüzeylelerin Ses Yutum Isı Özelliklerinin Geliştirilmesi, 2016 - 2018
- Koçak E. D., Sancak E., Usta İ., Yüksek M., Project Supported by Higher Education Institutions, Türkiye de Bulunan Lif Esaslı Tarımsal Atıkların Biyokompozit Malzeme Olarak Değerlendirilmesi Ve Özelliklerinin İncelenmesi, 2014 - 2018
- Koçak E. D., Merdan N., Akın F., Project Supported by Higher Education Institutions, LEFKE BEZİ DOKUMACILIĞI, 2017 - 2017
- Koçak E. D., Akın F., Merdan N., Project Supported by Higher Education Institutions, Bolu İli Mengen İlçesindeki Geleneksel Tekstil Dokumalarında Doğal Boya Kullanımı ve Ürün Geliştirme, 2014 - 2017
- Koçak E. D., Merdan N., Dayıoğlu H., Project Supported by Higher Education Institutions, Tekstilde Kullanılan Poliüretan ve Polivinil Klorür Kaplama Yüzeylelerin Performans Özelliklerine Perlit Katkısı Etkisinin İncelenmesi, 2014 - 2016
- Kayar M., Mıstık S. İ., Sancak E., Koçak E. D., Boztoprak Y., Project Supported by Higher Education Institutions, Ultrasonik Dikişin Çok Eksenli Yapılarda Kullanılması ve Çok Eksenli Kumaşlardan Mamul Kompozitlerin Mekanik Özellikleri Üzerine Etkisinin Araştırılması, 2013 - 2016
- Koçak E. D., Mıstık S., Sancak E., Project Supported by Higher Education Institutions, Bor ve Karbon Liflerinin Takviye Malzemesi Olarak Kullanılmasıyla Üretilen Termoplastik Kompozit Malzemelerin Elektromanyetik Kalkanlama ve Mekanik Özelliklerinin İncelenmesi, 2013 - 2016
- Yüksek M., Koçak E. D., Project Supported by Higher Education Institutions, Elektro Çekim Yöntemi ile Medikal Kullanımına Yönelik Çok Fonksiyonlu Nanolif Kompozit Yara Örtüsü Tekstil Yüzey Üretimi ve Uygulaması, 2011 - 2012
- Koçak E. D., Ağırhan A. Ö., Project Supported by Higher Education Institutions, Aleo Vera jel katılımıyla biyopolimerler karışımlarından üretilmiş nano kompozit liflerin mekanik ve termal özelliklerine etkiler, 2010 - 2012
- Koçak E. D., Mıstık S., Sancak E., Project Supported by Higher Education Institutions, Bor Katkılı Nano liflerin Üretilmesi Mekanik Termal Ve Elektrik Özelliklerinin İncelenmesi, 2009 - 2011
- Koçak E. D., Project Supported by Higher Education Institutions, Farklı Yöntemlerle Modifiye Edilmiş Selüloz Esaslı Liflerle Oluşturulan Kompozit Yapıların Mekaniksel Özelliklerinin İncelenmesi, 2009 - 2011

## Metrics

Publication: 144

Citation (WoS): 138

Citation (Scopus): 198

H-Index (WoS): 6

H-Index (Scopus): 8

## Invited Talks

Sürdürülebilir yeni lifler, Seminar, Bursa Teknoloji Koordinasyon ve Ar-Ge Merkezi (BUTEKOM), Turkey, February 2020

Sürdürülebilir yeni yeşil lifler, Seminar, Teksmer "Teknik Tekstiller Araştırma ve Uygulama Merkezi, Turkey, December 2019

## Awards

Koçak E. D., 1001 Proje Yürütücülüğü, Tübitak Mag, May 2018

Koçak E. D., 2017 Marmara Üniversitesi Bilim Başarı Ödülü, Marmara Üniversitesi, October 2017

Koçak E. D., Yayın teşvik Ödülü, Tübitak, June 2003

Koçak E. D., 2002 Uluslararası Yayınlar ile ilgili Başarı Ödülü, Marmara Üniversitesi, May 2002

Koçak E. D., Yayın teşvik ödülü, Tübitak, September 2000

## **Non Academic Experience**

TÜBİTAK

TÜBİTAK

TÜBİTAK

BİLİM SANAYİ VE TEKNOLOJİ BAKANLIĞI

Marmara Üniversitesi

Marmara Üniversitesi

Marmara Üniversitesi

Marmara Üniversitesi

Marmara Üniversitesi