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### Personal Information

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### Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (YI) (Tezli), Turkey 2004 - 2009

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

Undergraduate, Marmara University, Faculty of Technical Education, Textile Education, Turkey 1997 - 2001

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Bor lifi takviyesinin polimer esaslı kompozit yüzeylerin mekanik özelliklerine etkileri, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Tekstil Eğitimi (YI) (Tezli), 2009

Postgraduate, PAMUKLU MATERYALLERİN HİDROJEN PEROKSİT İLE AĞARTILMASINDA ULTRASONİK ENERJİ YÖNTEMİ, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Tekstil Eğitimi (YI) (Tezli), 2004

### Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Technology, Textile Engineering, 2013 - Continues

Assistant Professor, Marmara University, Faculty of Technology, Textile Engineering, 2013 - 2013

Research Assistant, Marmara University, Faculty of Technical Education, Textile Education, 2001 - 2013

### Academic and Administrative Experience

Marmara University, Faculty of Technology, Textile Engineering, 2013 - 2017

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. Investigation of electromagnetic shielding properties of boron, carbon and boron-carbon fibre hybrid woven fabrics and their polymer composites  
MISTIK S. İ., SANCAK E., Ovalı S., Akalin M.  
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.31, no.13, pp.1289-1303, 2017 (Journal Indexed in SCI)
- II. Effect of the Ecological Methods on the Surface Modification of the Kenaf Fibers

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MATERIALS SCIENCE-MEDZIAGOTYRA, vol.22, no.3, pp.409-414, 2016 (Journal Indexed in SCI)

III. **Analysing effect of the factors on ultrasonic seam tensile properties of nonwoven fabrics by Nested Anova Design**

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INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.27, no.6, pp.803-817, 2015 (Journal Indexed in SCI)

IV. **Investigating the effect of the marker assortment size distribution and fabric width on the fabric use efficiency**

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V. **EFFECT OF FIBER TYPE AND POLYETHYLENE FILM ON MECHANICAL PROPERTIES OF ULTRASONICALLY BONDED MULTI LAYER NONWOVEN FABRICS**

KAYAR M., MISTIK S. İ.

TEKSTİL VE KONFEKSİYON, vol.24, no.1, pp.30-36, 2014 (Journal Indexed in SCI)

VI. **Effect of Ultrasonic Energy on Reductive Cleaning of Dyed Polyester Fabrics**

Mistik S. İ.

ASIAN JOURNAL OF CHEMISTRY, vol.24, no.8, pp.3724-3728, 2012 (Journal Indexed in SCI)

VII. **Compression and thermal conductivity characteristics of magnetorheological fluid-spacer fabric smart structures**

MISTIK S. İ., Shah T., Hadimani R. L., Siores E.

JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES, vol.23, no.11, pp.1277-1283, 2012 (Journal Indexed in SCI)

## Articles Published in Other Journals

I. **INVESTIGATION OF TENSILE STRENGTH AND ELONGATION PROPERTIES OF BASALT FIBER-PUMICE REINFORCED POLYPROPYLENE COMPOSITES**

OVALI S., MISTIK S. İ.

The Online Journal of Science and Technology, vol.7, no.1, pp.63-67, 2017 (Refereed Journals of Other Institutions)

II. **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 (Refereed Journals of Other Institutions)

## Books & Book Chapters

I. **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

II. **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

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

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

- I. **Ultrasonic assisted Surface Treatment of Okra Fibers**  
Ardıç B., MERDAN N., KOÇAK E. D. , YILMAZ ŞAHİNBAŞKAN B., MISTIK S. İ.  
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- II. **Ultrasonic Assisted Surface Treatment of Okra Fibers**  
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ETT2018 8th International Istanbul Textile Conference, 14 - 16 April 2018
- III. **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
- IV. **Investigation of Mechanical Properties of Platanus Orientalis L. / Polyethylene Terephthalate Nonwoven Composite Materials**  
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- V. **INVESTIGATION OF SOUND ABSORPTION PROPERTIES OF OKRANONWOVEN MATERIALS**  
izgi a. a. , KOÇAK E. D. , ardıç b., MISTIK S. İ. , YILMAZ ŞAHİNBAŞKAN B.  
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- VI. **Investigation of Sound Absorption Properties of Okra Nonwoven Materials**  
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- VII. **Studies on Mechanical OPerformance of Cynara Scolymus PET Nonwoven Composites**  
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- VIII. **Fiber Production From Agricultural Okra Wastes and Comparative Investigation of Surface Modification Applied on Okra Fibers in Different Methods**  
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DUMAN M., KOÇAK E. D. , MERDAN N., MISTIK S. İ.  
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- X. **Ses Yutum ve Isı Yalıtım Malzemelerine Alternatif: Bamya Lifleri**  
MERDAN N., KOÇAK E. D. , MISTIK S. İ. , DUMAN M.  
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- XI. **Nonwoven production agricultural okra wastes and investigation of their thermal conductivities**  
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- XII. **Effect of ecological surface treatment method on friction strength properties of nettle (urtica**

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- XVI. **Meyan Kökü Lifi Takviyeli Polipropilen Esaslı Kompozitlerin Isı Geçirgenlik Özelliklerinin İncelenmesi**  
GÜNEŞKAYA O., MISTIK S. İ. , CİHANGİROVA M., OVALI S.  
2.ULUSLAR ARASI LİF VE POLİMER ARAŞTIRMALARI SEMPOZYUMU, 27 - 28 April 2017
- XVII. **Selülozik Lif Takviyeli(Mısır Sapı) Termoplastik Esaslı Kompozitlerin Isı Geçirgenlik Özelliklerinin İncelenmesi**  
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- XVIII. **The study of tensile strength and elongation properties ofmultiaxial nettle urtica dioica l Fibre reinforced polyethylenecomposites**  
OVALI S., MISTIK S. İ.  
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- XIX. **Investigation of heat conductivity properties of nettle urtica dioical Fibre reinforced polyethylene composites**  
MISTIK S. İ. , OVALI S.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1366-1369
- XX. **Effect of ultrasonic surface modification on heat conductivity properties of luffa cylindrica fibre reinforced polyethylene composites**  
OVALI S., MISTIK S. İ. , KOÇAK E. D.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1402-1405
- XXI. **INVESTIGATION OF TENSILE STRENGTH AND ELONGATIONPROPERTIES OF BASALT FIBER PUMICE REINFORCEDPOLYPROPYLENE COMPOSITES**  
OVALI S., MISTIK S. İ.  
International Science and Technology Conference, Viyana, Austria, 13 - 15 July 2016, pp.694-698
- XXII. **Ecological Surface Modification of Lignocellulosic Fibers Obtained From Arundo Donax L Plant**  
Mistik S. İ. , Ovali 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
- XXIII. **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.  
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- XXIV. **Investigation of Mechanical Properties of Platanus Orientalis L Seed Fiber Polypropylene Nonwoven Composites**  
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- XXV. **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. , Ovalı S.  
ICM&T23 - 23rd International Conference on Materials and Technology, Piran, Slovenia, 28 - 30 September 2015, pp.124
- XXVI. **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.  
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- XXVII. **Investigation of Sound and Heat Absorbance Properties of Basalt Fiber Pumice Reinforced Thermoplastic Composites**  
MISTIK S. İ. , OVALI S.  
23rd International Conference on Materials and Technology, Portoroz, Slovenia, 28 - 30 September 2015, pp.174
- XXVIII. **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
- XXIX. **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
- XXX. **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
- XXXI. **Investigation of Effect of Ultrasonic Sewing Speed on Ultrasonic Seam Tensile Properties**  
Gök S., Kayar M., Mistik S. İ.  
ICENS - International Conference on Engineering and Natural Sciences, Skopje, Macedonia, 15 - 19 May 2015, pp.246
- XXXII. **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
- XXXIII. **Effect of Different Surface Treatment Methods on Physical Properties of Banana Fibers**  
Koçak E. D. , Merdan N., Mistik S. İ. , Akalın M., Kayar M.  
ICCS18 - 18th International Conference on Composite Structures, Lisbon, Portugal, 15 - 18 June 2015, pp.197
- XXXIV. **Effect of surface treatments on flexural strength properties of ready-made garment waste-reinforced polymer composites**  
KAYAR M., MISTIK S. İ. , ŞİMŞEK R.  
Fiber Society Spring 2014 Technical Conference: Fibers for Progress, Liberec, Czech Republic, 21 - 23 May 2014
- XXXV. **Effect of sodium hydroxide and formic acid treatments on charpy impact and tensile strength properties of ready-made garment, waste reinforced polyester composites**  
MISTIK S. İ. , KAYAR M.  
Fiber Society Spring 2014 Technical Conference: Fibers for Progress, Liberec, Czech Republic, 21 - 23 May 2014
- XXXVI. **Dyeing Of Enzymatic Treated Hemp Fibre By Microwave Method**  
MERDAN N., KOÇAK E. D. , MISTIK S. İ. , YÜKSEK M., AKALIN M.  
THE 4th RMUTP International Conference: Textiles & Fashion 2012 July 3-4, 2012, Bangkok Thailand, 3 - 04 July 2012
- XXXVII. **Dyeing of Enzymatic Treated Hemp Fibre By Microwave Method**  
MERDAN N., KOÇAK E. D. , MISTIK S. İ. , YÜKSEK M., AKALIN M.  
The 4th RMUTP International Conference:Textile & Fashion, Bangkok, Thailand, 3 - 04 July 2012
- XXXVIII. **Investigation of textile Flexural and Charpy Impact Strength Properties of Multiaxial Carbon Fibers Reinforced Vinylester Composites**

MISTIK S. İ. , SANCAK E., AKALIN M.

1St Internatinal Conference on Value Addition and Innovation in Textiles, Faisalabad, Pakistan, 14 - 15 March 2011

**XXXIX. The Study Of Charpy Impact Strength And Hardness Shore D Properties Of Multiaxial Glass Fiber Reinforced Polyester Composites**

SANCAK E., MISTIK S. İ. , USTA İ., AKALIN M.

5th International Istanbul Textile Conference, İstanbul, Turkey, 19 - 21 May 2005

## **Citations**

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