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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, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (YI) (Tezli), 2009

Postgraduate, PAMUKLU MATERYALLERİN HİDROJEN PEROKSİT İLE AĞARTILMASINDA ULTRASONİK ENERJİ YÖNTEMİ, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, 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

Published journal articles indexed by SCI, SSCI, and AHCI

- 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., Ovali S., Akalin M.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.31, no.13, pp.1289-1303, 2017 (SCI-Expanded)
- II. 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)

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

KAYAR M., MISTIK S. İ., İNAN D.

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

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

KAYAR M., Dal V., MISTIK S. İ.

INDUSTRIA TEXTILA, vol.66, no.3, pp.142-145, 2015 (SCI-Expanded)

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 (SCI-Expanded)

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

Mistik S. I.

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

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 (SCI-Expanded)

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 (Peer-Reviewed Journal)

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 (Peer-Reviewed Journal)

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

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.

ETT 2018, 14 - 16 April 2018

II. 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

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

Kızılkaya S., YILMAZ ŞAHİNBAŞKAN B., MISTIK S. İ., İzgi A. A.

International Conference on Engineering Technologies (ICENTE 2017), 7 - 09 December 2017, pp.594-597

V. INVESTIGATION OF SOUND ABSORPTION PROPERTIES OF OKRANONWOVEN MATERIALS

izgi a. a., KOÇAK E. D., ardıç b., MISTIK S. İ., YILMAZ ŞAHİNBAŞKAN B.

ICENTE 2017, Konya, Turkey, 7 - 09 December 2017

VI. 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

VII. Studies on Mechanical OPerformance of Cynara Scolymus PET Nonwoven Composites

izgi a. a., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., MISTIK S. İ., ardıç b.

ICENTE 2017, Konya, Turkey, 7 - 09 December 2017

VIII. 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

IX. 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

X. Ses Yutum ve Isı Yalıtım Malzemelerine Alternatif: Bamya Lifleri

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

Uluslararası AR-GE İşbirlikleri Zirvesi ve Fuarı, 3 May - 05 June 2017

XI. Nonwoven production agricultural okra wastes and investigation of their thermal conductivities

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

AUTEX World Textile Conference, 20 - 31 May 2017

XII. Effect of ecological surface treatment method on friction strength properties of nettle (urtica

dioica) fibre yarns

Sansal S., Mistik S. İ., Fettahov R., Ovali S., Duman M.

17th World Textile Conference of the Association-of-Universities-for-Textiles (AUTEX) - Shaping the Future of Textiles, Greece, 29 - 31 May 2017, vol.254

- XIII. **Nonwoven Production from Agricultural Okra Wastes and Investigation their Thermal Conductivities**
DUMAN NAYCI M., KOÇAK E. D., MERDAN N., MISTIK S. İ.
AUTEX 2017 World Textile Conference, Korfu, Greece, 29 - 31 May 2017
- XIV. **Effect of Ecological Surface Treatment Method on Friction Strength Properties of Nettle (urtica dioica) Fibre Yarns**
ŞANSAL S., MISTIK S. İ., FETTAHOV R., OVALI S., NAYCI DUMAN M.
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- XV. **Effect of Surface Treatments on Tensile and Flexural Strength Properties of Sisal Fibre Reinforced Polyethylene Composites**
ETİ Ö., MISTIK S. İ., FETTAHOV R., OVALI S., NAYCI DUMAN M.
AUTEX 2017 World Textile Conference, Korfu, Greece, 29 - 31 May 2017
- XVI. **Meyan Kõkõ 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**
KURU E., MISTIK S. İ., CİHANGİROVA M., OVALI S.
2.Uluslararası Lif ve Polimer Araştırmaları Sempozyumu, 27 - 28 April 2017
- XVIII. **The study of tensile strength and elongation properties ofmultiaxial nettle urtica dioica l Fibre reinforced polyethylenecomposites**
OVALI S., MISTIK S. İ.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1362-1365
- 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.
6 th International Technical Textile Congress, 14 - 16 October 2015
- XXIV. **Investigation of Mechanical Properties of Platanus Orientalis L Seed Fiber Polypropylene Nonwoven Composites**
KOÇAK E. D., MERDAN N., YILMAZ ŞAHİNBAŞKAN B., MISTIK S. İ., AKALIN M.
6th International Technical Textiles Congress, İzmir, Turkey, 14 - 16 October 2015, pp.333-334

- XXV. **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
- 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.
 23rd International Conference on Materials and Technology, Portoroz, Slovenia, 28 - 30 September 2015, pp.124
- 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 Threatments 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., Mıstık 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., Mıstık 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

Metrics

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