



Assoc. Prof. ZEHRA YILDIZ

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International Researcher IDs

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Biography

Dr. Zehra Yıldız is associated professor in Marmara University, Department of Textile Engineering, Turkey. She got a Ph.D. in Polymer Science and Technology from Istanbul Technical University, Turkey, in 2017. Her research areas are as follows; sustainable textile products/manufacturing, recycle/reuse of textile wastes, UV-curable environmentally friendly coatings, functional coatings, conductive polymeric materials, adhesives, rubber/textile composites, natural fiber reinforced composites.

Education Information

2011 - 2017	Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Polymer Science and Technology, Turkey
2015 - 2016	Post Doctorate, Georgia Institute of Technology, School of Materials Science and Engineering, United States Of America
2009 - 2011	Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Textile Education, Turkey
2004 - 2008	Undergraduate, Marmara University, Faculty of Technical Education, Textile Education, Turkey

Dissertations

2017	Dual-curable textile adhesives for cord/rubber applications, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polimer Bilim Ve Teknolojisi (Dr), Doctorate
2011	Investigation of electrical conductivity and electromagnetic shielding properties of textile surfaces treated with conductive polymers, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Textile Education, Postgraduate

Research Areas

Academic Titles / Tasks

2019 - Continues	Assistant Professor, Marmara University, Faculty of Technology, Textile Engineering
2015 - 2019	Research Assistant, Marmara University, Faculty of Technology, Textile Engineering
2015 - 2016	Research Assistant, Georgia Institute of Technology, Materials Science And Engineering
2009 - 2015	Research Assistant, Marmara University, Faculty of Technical Education, Textile Education

Courses

2023 - 2024	Synthesis and Application of Textile Adhesives, Doctorate
2023 - 2024	Usage of UV-Curing Technology in Textile Industry, Postgraduate
2021 - 2022	Fancy Yarn Manufacturing, Undergraduate
2021 - 2022	Optimization and Mechanics of Textile Reinforced Composites, Postgraduate
2021 - 2022	Biocomposites, Postgraduate
2018 - 2019	Fiber Science II, Undergraduate
2018 - 2019	Chemistry, Undergraduate
2019 - 2020	Fiber Science I, Undergraduate
2019 - 2020	Usage of Basic Information Technology, Undergraduate

Advising Theses

2024	Yıldız Z., Eryılmaz O., Postgraduate, G.İnce(Student), Thermal and Morphological Characterization of Polyacrylonitrile Tuv Precursors for Stabilization Reaction Progression in Carbon Fiber Production
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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. **Photocurable soybean oil based phosphorus containing coatings for cotton fabrics: The influence of reactive diluents**
Yıldız Z.
PROGRESS IN ORGANIC COATINGS, vol.174, pp.107-255, 2023 (SCI-Expanded)
- IV. **Usage of UV-Curable Soybean Oil Based Coating Formulations for Pretreated Cotton Fabrics**
YILDIZ Z.
TEKSTİL VE KONFEKSİYON, vol.32, no.3, pp.232-243, 2022 (SCI-Expanded)
- V. **Synthesis and characterization of UV-curable cellulose acetate butyrate-based oligomers and their cotton fabric coatings**
Dehmen O. G., Önen H. A., YILDIZ Z., Gungor A., BOZTOPRAK Y.

- JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.18, no.4, pp.1075-1085, 2021 (SCI-Expanded)
- VI. **Evaluation of nano-filler dispersion quality in polymeric films with binary feature characteristics and fractal analysis**
YILDIZ K., YILDIZ Z.
IET IMAGE PROCESSING, vol.14, no.10, pp.2006-2012, 2020 (SCI-Expanded)
- VII. **Chemical, mechanical, and thermal properties of UV-curable cellulose acetate butyrate-based oligomers and their electrospun fibrous mats**
Dehmen O. G., Önen H. A., YILDIZ Z., Gungor A.
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.17, no.4, pp.1043-1052, 2020 (SCI-Expanded)
- VIII. **The effects of epoxyacrylate coating on printability of bio/synthetic-based fabrics in a thermal transfer printing system**
Sönmez S., Yıldız Z., Akgül A.
Bulgarian Chemical Communications, vol.51, 2019 (SCI-Expanded)
- IX. **Effects of NCO/OH Ratio and Reactive Diluent Type on the Adhesion Strength of Polyurethane Methacrylates for Cord/Rubber Composites**
Yildiz Z., Önen H. A., Gungor A., Wang Y., Jacob K.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.57, no.10, pp.935-944, 2018 (SCI-Expanded)
- X. **Dual-curable PVB based adhesive formulations for cord/rubber composites: The influence of reactive diluents**
Yildiz Z., Önen H. A.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.78, pp.38-44, 2017 (SCI-Expanded)
- XI. **Synthesis and application of dual-curable PVB based adhesive formulations for cord/rubber applications**
Yildiz Z., Önen H. A., Gungor A., Wang Y., Jacob K.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.31, no.17, pp.1900-1911, 2017 (SCI-Expanded)
- XII. **Ultrafine Carbon Fibers with Hollow-Porous Multilayered Structure for Supercapacitors**
He T., Su Q., Yildiz Z., Cai K., Wang Y.
ELECTROCHIMICA ACTA, vol.222, pp.1120-1127, 2016 (SCI-Expanded)
- XIII. **Preparation of flame retardant epoxyacrylate-based adhesive formulations for textile applications**
Yildiz Z., Onen A., Gungor A.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.30, no.16, pp.1765-1778, 2016 (SCI-Expanded)
- XIV. **Synthesis and characterization of dual-curable epoxyacrylates for polyester cord/rubber applications**
Yildiz Z., Gungor A., Onen A., USTA İ.
JOURNAL OF INDUSTRIAL TEXTILES, vol.46, no.2, pp.596-610, 2016 (SCI-Expanded)
- XV. **Thermal Comfort of Woolen Fabrics Depending on Physical Properties**
Dal V., ATMACA M., YILDIZ Z., CEVİZ N., Hes L.
JOURNAL OF NATURAL FIBERS, vol.13, no.6, pp.714-725, 2016 (SCI-Expanded)
- XVI. **A novel thermal-based fabric defect detection technique**
YILDIZ K., BULDU A., Demetgul M., YILDIZ Z.
JOURNAL OF THE TEXTILE INSTITUTE, vol.106, no.3, pp.275-283, 2015 (SCI-Expanded)
- XVII. **A NOVEL THERMAL BASE FABRIC DEFECT DETECTION TECHNIQUE**
BULDU A., DEMETGÜL M., YILDIZ K., YILDIZ Z.
Journal Of The Textile Institute, vol.106, pp.275-283, 2015 (SCI-Expanded)
- XVIII. **The preparation of UV-cured superhydrophobic cotton fabric surfaces by electrospinning method**
ÇAKIR M., KARTAL İ., YILDIZ Z.
TEXTILE RESEARCH JOURNAL, vol.84, no.14, pp.1528-1538, 2014 (SCI-Expanded)
- XIX. **A New Approach to Determination Warp Weft Densities in Textile Fabrics by Using Image Processing Technique**
YILDIZ K., şenyürek v., YILDIZ Z., ÖZEN M. S.
Journal Of Engineered Fibers And Fabrics, vol.9, pp.1-5, 2014 (SCI-Expanded)

- XX. **Investigation of the effects of sewing threads on the sewing performance**
Dal V., YILDIZ Z.
INDUSTRIA TEXTILA, vol.65, no.2, pp.85-89, 2014 (SCI-Expanded)
- XXI. **A New Approach to the Determination of Warp-Weft Densities in Textile Fabrics by Using an Image Processing Technique**
YILDIZ K., Senyurek V. Y., YILDIZ Z., ÖZEN M. S.
JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.9, no.1, pp.1-5, 2014 (SCI-Expanded)
- XXII. **Use of Artificial Neural Networks for Modelling of Seam Strength and Elongation at Break**
YILDIZ Z., Dal V., ÜNAL M., YILDIZ K.
FIBRES & TEXTILES IN EASTERN EUROPE, vol.21, no.5, pp.117-123, 2013 (SCI-Expanded)
- XXIII. **Investigation of the Electrical Properties and Electromagnetic Shielding Effectiveness of Polypyrrole Coated Cotton Yarns**
YILDIZ Z., USTA İ., güngör a.
Fibres and Textile in Eastern Europa, vol.21, pp.32-37, 2013 (SCI-Expanded)
- XXIV. **Use of Artificial Neural Networks for Modelling of Seam Strength and Elongation at Break FIBRES TEXTILES in Eastern Europe**
YILDIZ Z., DAL V., ÜNAL M., YILDIZ K.
FIBRES & TEXTILES in Eastern Europe, vol.5, pp.117-123, 2013 (SCI-Expanded)
- XXV. **Electrical properties and electromagnetic shielding effectiveness of polyester yarns with polypyrrole deposition**
Yildiz Z., Usta I., Gungor A.
TEXTILE RESEARCH JOURNAL, vol.82, no.20, pp.2137-2148, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Green Photocurable Phosphorus Containing Coatings on Cotton Fabrics**
Yildiz Z.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.28, no.2, pp.645-664, 2023 (Peer-Reviewed Journal)
- II. **Functionalized Cotton Fabrics with Nano-TiO₂-Cellulose Coatings**
Kale B. M., YILDIZ Z., Wiener J., Krizova H., Jabbar A., Slamborova I. L., Rwawiire S., Kale N. K., Militky J.
World Journal of Textile Engineering and Technology, vol.7, pp.40-48, 2021 (Peer-Reviewed Journal)
- III. **Usage of Cellulose Acetate Butyrate Based Oligomeric Structures on Cotton Fabric Coatings**
YILDIZ Z., ÖNEN H. A., Dehmen O. G., GÜNGÖR A.
Journal of the Turkish Chemical Society Section A: Chemistry, vol.8, no.1, pp.303-310, 2021 (Scopus)
- IV. **Alkali Treatment to Maximize Adhesion of Polypyrrole Coatings for Electro-Conductive Textile Materials**
Yıldız Z., Usta İ., Kale B. M., Mellen G. B., Wang Y.
Organic Polymer Material Research, vol.0, no.0, pp.0-9, 2019 (Peer-Reviewed Journal)
- V. **Application of image processing for quantization and characterization of fabrics with polymeric coatings**
YILDIZ K., YILDIZ Z.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.24, no.2, pp.255-259, 2018 (ESCI)
- VI. **Investigation of Polypyrrole Coated Cotton Fabrics as Electromagnetic Shielding Material**
YILDIZ Z., USTA İ., GÜNGÖR A., ÖNEN H. A.
MARMARA UNIVERSITY JOURNAL OF SCIENCE, vol.27, pp.87-90, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Preimpregnated natural fiber preforms**
Yildiz Z., Eryilmaz O.
in: Multiscale Textile Preforms and Structures for Natural Fiber Composites, Mohamad Midani, Tamer Hamouda, Ahmed H. Hassanin, Abdel-Fattah M. Seyam, Editor, Elsevier Science, Oxford/Amsterdam, New York, pp.327-340, 2023
- II. **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
- III. **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
- IV. **Chapter 12: Preimpregnated Natural Fiber Preforms**
YILDIZ Z., ERYILMAZ O.
in: Multiscale Textile Preforms and Structures for Natural Fiber Composites, Mohamad Midani, Tamer Hamouda, Ahmet H. Hassanin, Abdal-Fattah M. Seyam, Editor, Woodhead Publishing, Elsevier, pp.327-340, 2023
- 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. **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

Refereed Congress / Symposium Publications in Proceedings

- I. **High Bio-Content Photocurable Coatings for Wood Surfaces Derived from Itaconic Acid**
OKDEMİR İ. U., ÖNEN H. A., YILDIZ Z.
19th Asian Chemistry Congress, İstanbul, Turkey, 9 - 14 July 2023, pp.174
- 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. **SOYBEAN OIL BASED UV-CURABLE COATING FORMULATIONS FOR IMPROVEMENT OF WASHING FASTNESS OF WATERPROOF COTTON FABRICS**
YILDIZ Z., ÖNEN H. A., GÜNGÖR A.
3rd International Congress of Innovative Textiles-ICONTEX 2022, Çorlu, Turkey, 18 - 19 May 2022
- IV. **BIO-BASED PHOTOCURABLE COATINGS REINFORCED WITH PLATANUS ORIENTALIS (CHINAR TREE) LEAF POWDER FOR LIGHTWEIGHT TARPAULIN**
YILDIZ Z.
3rd International Congress of Innovative Textiles-ICONTEX 2022, Çorlu, Turkey, 18 - 19 May 2022
- V. **Synthesis of Soybean Oil-Based Flame Resist, UV-Curable Oligomers for Wood Coating Applications**
Yıldız Z., Önen H. A., Gürer Ö., Güngör A.
33. Ulusal Kimya Kongresi, Tekirdağ, Turkey, 7 - 09 October 2021, pp.1-3
- VI. **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

- VII. **Electromagnetic Shielding Effectiveness and Tensile Strength Performance of Carbon Nano Tube Additives in Paper Making**
ÖZDEN Ö., YILMAZ ŞAHİNBAŞKAN B., YILDIZ Z.
NANOTR15, 3 - 06 November 2019, pp.28
- VIII. **UV Kürlenebilen Selüloz Asetat Bütirat Bazlı Oligomerik Yapıların Pamuk Kumaş Kaplamalarında Kullanımı**
Yıldız Z., Önen H. A., Dehmen O. G., Güngör A.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.0-3
- IX. **UV Işınları ile Kürlenebilen Üretan Modifiye Selüloz Esaslı Oligomerlerin sentezi ve Karakterizasyonu**
ÖNEN H. A., Dehmen O. G., GÜNGÖR A., YILDIZ Z.
30.Ulusal Kimya Kongresi, Turkey, 5 - 08 November 2018
- X. **Synthesis and Application of Dual-Curable Tung Oil Based Adhesive Formulations for Cord/Rubber Composites**
YILDIZ Z., Uğur M. H., ÖNEN H. A., GÜNGÖR A., ŞAHİN Y. M., Ersöz Y. K.
Rubbercon, İstanbul, Turkey, 10 - 11 May 2018
- XI. **Preparation of Dual-Curable Adhesive Formulations by Composition of Acrylic Reactive Diluents for Cord/Rubber Applications.**
YILDIZ Z., ÖNEN H. A., GÜNGÖR A., Wang Y., Jakob K.
1st International Congress on Chemistry and Materials Science (ANCON 2017), Ankara, Turkey, 5 - 07 October 2017
- XII. **UV-curable flame retardant coatings for cotton fabrics**
YILDIZ Z., Önen H. A., Gungor A., Wang Y., Jacob K.
253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Costa Rica, 2 - 06 April 2017, vol.253
- XIII. **Termal Transfer Baskı Sisteminde Sıcaklık Değişiminin Farklı Tekstil Kumaşları Üzerinde Görüntü Kalitesi ve Dayanıklılığı Üzerindeki Etkisinin İncelenmesi**
AKGÜL A., SÖNMEZ S., YILDIZ Z.
I. Uluslararası Basım Teknolojileri Sempozyumu, İstanbul, Turkey, 8 - 10 October 2015
- XIV. **Görüntü İşleme ile Lif Çapı Ölçümü**
ÜLKÜ E. E., DEMİR Ö., YILDIZ K., YILDIZ Z.
Signal Processing and Communications Applications Conference (SIU), Turkey, 16 - 19 May 2015
- XV. **Synthesis of Phosphorus Containing Bio Based Adhesives for Textile Applications**
YILDIZ Z., ÖNEN H. A., GÜNGÖR A.
15th Autex World Textile Conference, Bükreş, Romania, 10 - 12 June 2015
- XVI. **Determination of Yarn Twist Using Image Processing Techniques International Conference on Image Processing**
YILDIZ K., DEMİR Ö., BULDU A., YILDIZ Z.
International Conference on Image Processing, Production and Computer Science (ICIPCS 2015), İstanbul, Turkey, 3 - 04 June 2015, vol.1
- XVII. **Determination of Yarn Twist Using Image Processing Techniques**
YILDIZ K., YILDIZ Z., DEMİR Ö., BULDU A.
International Conference on Image Processing, Production and Computer Science, İstanbul, Turkey, 3 - 04 June 2015, pp.83-88
- XVIII. **Investigation of Physical Properties of Woolen Fabrics on Thermal Comfort**
YILDIZ Z., CEVİZ N., DAL V., AKÇAGÜN E., YILMAZ A., ATMACA M., KURTULUŞ A. B.
International Conference on Engineering and Natural Science, Üsküp, Macedonia, 15 - 20 May 2015
- XIX. **Improvement of Laundering Durability of Polypyrrole Coated Cotton Fabrics**
YILDIZ Z., ATAĞ O., USTA İ.
ICENS, International Conference of Engineering and Natural Sciences, ÜSKÜP, Macedonia, 15 - 19 May 2015
- XX. **Fiber Thickness Measurement Using Image processing**
Ulku E., DEMİR Ö., YILDIZ K., YILDIZ Z.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1166

- XXI. **Improvement of Laundering Durability of Polypyrrole Coated Cotton Fabrics**
YILDIZ Z., ATAĞ O., USTA İ.
1st International Conference on Engineering and Natural Sciences, 15 April - 19 May 2015
- XXII. **The Effects of Physical Properties of Woollen Fabrics on Thermal Comfort**
AKÇAGÜN E., CEVİZ N., DAL V., YILDIZ Z.
6th International Istanbul Textile Conference on Future Technical Textiles, 30 October - 01 November 2014
- XXIII. **The Effects of Various Bleaching Formulations on Physical Properties of Woolen Fabrics**
Özomay M., Akalın M., Yıldız Z.
6th International Istanbul Conference on Future Technical Textile (FTT 2014), İstanbul, Turkey, 15 - 17 October 2014, pp.136
- XXIV. **The Effects of Physical Properties of Woolen Fabrics on Thermal Comfort**
AKÇAGÜN E., DAL V., CEVİZ N., YILDIZ Z.
6th International Istanbul Conference on Future Technical Textile (FTT 2014), İstanbul, Turkey, 15 - 17 October 2014
- XXV. **Investigation of Polypyrrole Coated Cotton Fabrics as Electromagnetic Shielding Material**
YILDIZ Z., USTA İ., Güngör A., ÖNEN H. A.
6th International Istanbul Conference on Future Technical Textile (FTT 2014), İstanbul, Turkey, 15 - 17 October 2014
- XXVI. **INVESTIGATION OF CLOTHING COMFORT PROPERTIES OF PANI CB POLYESTER COMPOSITE FABRICS**
YILDIZ Z., DEMİREL GÜLTEKİN N., USTA İ., KURTULUŞ A. B., ATMACA M.
14th Autex World Textile Conference, Bursa, Turkey, 26 - 28 May 2014
- XXVII. **The Effects of Various Denim Washing Formulas on Clothing Comfort**
AKÇAGÜN E., DAL V., ATMACA M., CEVİZ N., YILDIZ Z., YILMAZ A., KURTULUŞ A. B.
14th Autex World Textile Conference, Bursa, Turkey, 26 - 28 May 2014
- XXVIII. **Investigation of Clothing Comfort Properties of PANI/CB/Polyester Composite Fabrics**
YILDIZ Z., DEMİREL GÜLTEKİN N., USTA İ., KURTULUŞ A. B.
14th Autex World Textile Conference, 26 - 28 May 2014
- XXIX. **The Effects Interlining Types on Sewing Needle Heating**
AKÇAGÜN E., YILMAZ A., YILDIZ Z., CEVİZ N., DAL V.
THE FIBER SOCIETY, 21 - 23 May 2014
- XXX. **Investigation of the Sewing Needle Size on Needle Heating**
DAL V., AKÇAGÜN E., CEVİZ N., YILDIZ Z., YILMAZ A.
Fiber Society Spring Conference 2014, 21 - 23 May 2014
- XXXI. **The Effects of Plasma Treatment on UV-Curable Epoxyacrylate Coatings**
Güngör A., ÖNEN H. A., USTA İ., YILDIZ Z.
Fiber Society Spring Conference 2014, 21 - 23 May 2014
- XXXII. **The Effects of Interlining Types on Sewing Needle Heating**
DAL V., CEVİZ N., YILDIZ Z., YILMAZ A., AKÇAGÜN E.
Fiber Society Spring Conference 2014, 21 - 23 May 2014
- XXXIII. **FARKLI YIKAMA TÜRLERİNİN DENİM KUMAŞIN FİZİKSEL ÖZELLİKLERİNE ETKİSİ**
YILDIZ Z., ATMACA M., CEVİZ N., YILMAZ A., AKÇAGÜN E.
XIII. Uluslararası İzmir Tekstil ve Hazır Giyim Sempozyumu, 2 - 05 April 2014, pp.399-401
- XXXIV. **Physical Properties of Denim Fabrics After Various Denim Washing Formulas**
YILDIZ Z., DAL V., ATMACA M., CEVİZ N., KURTULUŞ A. B., YILMAZ A., AKÇAGÜN E.
XIIIth International İzmir Textile and Apparel Symposium (IITAS), Antalya, Turkey, 2 - 05 April 2014
- XXXV. **Electrical Properties of Polyaniline/Carbon Black Deposited Polyester Fabrics**
USTA İ., ÖNEN H. A., DEMİREL GÜLTEKİN N., YILDIZ Z., ATAĞ O.
XIIIth International İzmir Textile and Apparel Symposium 2014 (IITAS), Antalya, Turkey, 2 - 05 April 2014
- XXXVI. **DİKİŞ MAKİNESİ İĞNE NUMARASININ İĞNE ISINMASINA ETKİSİNİN ANALİZİ**

- DAL V., AKÇAGÜN E., CEVİZ N., YILMAZ A., YILDIZ Z., KURTULUŞ A. B.
XIIIth International Izmir Textile and Apparel Symposium, 2 - 05 January 2014
- XXXVII. **HAZIR GIYİM SANAYİNDE TASARIM VE KOLEKSİYONSÜREÇLERİNİN PLANLANMASINA YÖNELİK ÖRNEK BİRÇALIŞMA**
YILMAZ A., DAL V., AKÇAGÜN E., CEVİZ N., YILDIZ Z.
XIII. Uluslararası İzmir Tekstil ve Hazır Giyim Sempozyumu, Antalya, Turkey, 2 - 05 January 2014
- XXXVIII. **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
- XXXIX. **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
- XL. **The Effects of Interlining on Comfort Properties of Wool Fabrics**
Akçagün E., Dal V., Atmaca M., Yıldız Z., Kurtuluş A. B.
International Istanbul Textile Congress 2013, Innovative and Functional Textiles, İstanbul, Turkey, 30 May - 01 June 2013, pp.0-7
- XLI. **Investigation of The Comfort Properties of Polypyrrole Deposited Cotton Fabrics**
Yıldız Z., Usta İ., Atak O.
International Istanbul Textile Congress 2013, Innovative and Functional Textiles, İstanbul, Turkey, 30 May - 01 June 2013, pp.0-6
- XLII. **The Effect of Various Dopant Types for Chemical Oxidation Polymerization of Pyrrole on Electromagnetic Shielding, Electrical Conductivity and Thermal Properties of Cotton Fabrics**
Yıldız Z., Atak O., Güngör A., Önen H. A., Usta İ.
2nd International Conference on Value Addition and Innovation in Textile (Covitex) 2013, Faisalabad, Pakistan, 23 - 24 March 2013, pp.0-7
- XLIII. **Electromagnetic Shielding, Electrical and Thermal Properties of Conductive Polymer Coated Cotton Fabrics**
Güngör A., Önen H. A., Usta İ., Yıldız Z., Atak O.
2nd International Conference on Value Addition and Innovation in Textile (Covitex) 2013, Faisalabad, Pakistan, 23 - 24 March 2013, pp.0-6
- XLIV. **Investigation Of Fabric Stiffness On Tencel Fabrics In Terms Of Clothing Comfort**
Dal V., Akçagün E., Yıldız Z., Yıldız K.
The Fiber Society Spring 2012 Conference, Sankt-Gallen, Switzerland, 23 - 25 May 2012, pp.0-5
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- L. **Investigation of the Consumer Ready-Made Preferences – A Survey**
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- LIV. **DEMONSTRATION OF BASIC WOVEN PATTERNS WITH A MATLAB GUI BASED INTERFACE IN TEXTILE EDUCATION**
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Supported Projects

2023 - 2024	Thermal and Morphological Characterization of Polyacrylonitrile (PAN) Tow Precursors for Stabilization Reaction Progression in Carbon Fiber Production, Project Supported by Higher Education Institutions
2022 - 2024	Development of a production technology to reduce carbon fiber costs by using thermochemical pretreatment, TÜBİTAK International Multi-Cooperation Project
2014 - 2017	Dual Sertleşebilen Tekstil Yapıştırıcılarının Sentezi ve Uygulamaları, Project Supported by Higher Education Institutions
2013 - 2015	Tekstil Yüzeylerinin Aerodinamik ve Termal Konfor Özelliklerinin Karşılaştırılmalı Olarak İncelenmesi, Project Supported by Higher Education Institutions
2009 - 2011	İLETKEN POLİMERLERLE MUAMELE EDİLMİŞ TEKSTİL YÜZEYLERİNİN ELEKTRİK İLETKENLİĞİ VE ELEKTROMANYETİK KALKANLAMA ÖZELLİKLERİNİN İNCELENMESİ, Project Supported by Higher Education Institutions

Student Project

2023 - Continues	Manufacturing of Natural Fiber Reinforced Photocurable Bio-Composites, R & D Project, Marmara University, Faculty of Technology, Textile Engineering, Turkey
2023 - Continues	Manufacturing of Soybean Oil-Based Photocurable Lightweight Outdoor Textiles , R & D Project, Marmara University, Faculty of Technology, Textile Engineering, Turkey
2023 - Continues	Investigation of the Acoustic Properties of Textile Waste Reinforced Photocurable Natural Rubber Bio-Composites, R & D Project, Marmara University, Faculty of Technology, Textile Engineering, Turkey

Metrics

Publication: 93
Citation (WoS): 352
Citation (Scopus): 222
H-Index (WoS): 10
H-Index (Scopus): 10

Non Academic Experience

2015 - 2016	Georgia Institute of Technology (Gatech)
2008 - 2009	Tavşanlı Tekstil San. ve Tic. Ltd. Şti.