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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (YI) (Tezli), Turkey 2010 - Continues

Undergraduate, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1998 - 2002

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Technology, Textile Engineering, 2015 - Continues

Research Assistant, Marmara University, Faculty of Technical Education, Textile Education, 2007 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dyeing of polyester fibers with sulfur- and nitrogen-containing anthraquinone derivatives**
Deniz N. G., Sayıl M. Ç., Öner E., Atak O., Stasevych M.
Chemical Industry & Chemical Engineering Quarterly, no.0, pp.1-23, 2021 (SCI-Expanded)
- II. **Silk fiber-based composite nanofiber tissue scaffold produced with electrospinning method**
YÜKSEK M., Akalin M., SANCAK E., İŞGÖREN E., ATAK O., Cirkin D. S., BEYİT A.
TURKISH JOURNAL OF CHEMISTRY, vol.45, pp.1997-2006, 2021 (SCI-Expanded)
- III. **Evaluation of the Electromagnetic Shielding Effectiveness of Carbon-Based Screen Printed Polyester Fabrics**
Gültekin B. C., Demirel Gültekin N., Atak O., Şimşek R.
FIBERS AND POLYMERS, vol.19, pp.313-320, 2018 (SCI-Expanded)
- IV. **Electrospinning of single and multilayered scaffolds for tissue engineering applications**
Erdem R., Yüksek M., Sancak E., Atak O., Erginer M., Kabasakal L., Beyit A.
JOURNAL OF THE TEXTILE INSTITUTE, vol.108, pp.935-946, 2017 (SCI-Expanded)
- V. **Dyeability of SeaCell @active fabrics with reactive dyes by using of ultrasonic energy**
Cenkut Gultekin B. C., Muge Yukseloglu S. M., ATAK O.

Articles Published in Other Journals

I. Optical Whitening of 50/50 PES/Wool Fabrics

Öner E., Atak O., Durna M.

Annals of The University of Oradea, Fascicle of Textiles-Leatherwork, vol.18, no.2, pp.75-80, 2017 (Peer-Reviewed Journal)

II. REUSE OF DECOLORIZED DYEING EFFLUENTS IN REPEATED DYEINGS

Öner E., Atak O., Gömeç R.

Annals of the University of Oradea (FASCICLE OF TEXTILES, LEATHERWORK), vol.17, no.2, pp.105-110, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Development of Bio-Composite Structures for Interior Noise Reduction in Automobiles

Sancak E., Özen M. S., Yüksek M., Usta I., Atak O., Beyit A., Pars A., Eryılmaz O.

Aachen – Dresden – Denkdorf International Textile Conference, Aachen, Germany, 29 - 30 November 2018

II. Elektromanyetik Dalgaları Engellemek Amaçlı Kullanılan Fonksiyonel Tekstiller

SANCAK E., ÖZEN M. S., YÜKSEK M., USTA İ., AKALIN M., ATAK O., BEYİT A.

1st International Turkish World Engineering and Science Congress, 7 - 10 December 2017

III. What are the product benefits that shape consumer evaluations? Application to the smart cardio tops or bra for people in Nottingham city, UK

Turhan G., Akalın M., Uzun M., Sancak E., Atak O.

Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 7 - 10 December 2017

IV. Elektromanyetik Dalgaları Engellemek Amaçlı Kullanılan Fonksiyonel Tekstiller-Functional Textiles for Shielding of Electromagnetic Waves

SANCAK E., ÖZEN M. S., YÜKSEK M., USTA İ., AKALIN M., ATAK O., BEYİT A.

1st International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 December 2017, pp.201

V. Investigation of Thermo-Mechanical and Electromagnetic Shielding Behaviour of Nonwoven Fabrics

SANCAK E., ÖZEN M. S., YÜKSEK M., SOIN N., SHAH T., ATAK O., İŞGÖREN E.

14th Asian Textile Conference, 27 - 30 June 2017

VI. Optical Whitening of 50/50 PES/Wool Fabrics

Öner E., Atak O., Durna M.

INTERNATIONAL SCIENTIFIC CONFERENCE "Innovative solutions for sustainable development of textiles and leather industry", Oradea, Romania, 26 - 27 May 2017, vol.18, pp.75-80

VII. Mechanical and Electromagnetic Shielding Properties of Woven Fabrics with Conductive Composite Fibers

SANCAK E., ÖZEN M. S., SOIN N., SHAH T., SİORES E., ATAK O., İŞGÖREN E.

4th International Conference on Value Addition and Innovation in Textiles, 27 - 28 March 2017

VIII. A Study on Electrospinning of Biopolymer Based Tissue Scaffold

ERDEM R., YÜKSEK M., SANCAK E., ATAK O.

4th International Conference on Value Addition and Innovation in Textiles (COVITEX 2017), 27 - 28 March 2017

IX. Electrospinning of Ligand Doped Nanofibers

ERDEM R., ERDEM Ö., ATAK O., PARS A.

4th International Conference on Value Addition and Innovation in Textiles, 27 - 28 March 2017

X. Investigation of Electromagnetic Shielding Effectiveness of The Woven Fabric Produced From PE CB Composite Fibres Reinforced with without Silver Nano Powder Extruded by Melt Spinning Method

ÖZEN M. S., SANCAK E., YÜKSEK M., ATAK O.

10th Asian-Australasian Conference on Composite Materials (ACCM-10), Busan, South Korea, 16 - 19 October 2016

- XI. **Investigation and comparison of electromagnetic shielding properties of carbon and copper nickel coated carbon nonwoven fabrics produced by wet laid technology**
ÖZEN M. S., SANCAK E., BEYİT A., USTA İ., AKALIN M., YÜKSEK M., ATAK O.
The 10th Asian-Australasian Conference on Composite materials, 16 - 19 October 2016
- XII. **Investigation and Comparison of Electromagnetic Shielding Properties of Carbon and Copper Nickel Coated Carbon Nonwoven Fabrics Produced by Wet laid Technology**
ÖZEN M. S., SANCAK E., BEYİT A., USTA İ., AKALIN M., YÜKSEK M., ATAK O.
10th Asian-Australasian Conference on Composite Materials (ACCM-10), Busan, South Korea, 16 - 19 October 2016
- XIII. **Electrospinning of Silk Fibroin based Antibacterial Wound Dressing**
ERDEM R., YÜKSEK M., İŞGÖREN E., SANCAK E., ATAK O., ERGİNER M.
10th Asian-Australasian Conference on Composite Materials (ACCM-10), Busan, South Korea, 16 - 19 October 2016
- XIV. **Reuse of Decolorized Dyeing Effluents in Repeated Dyeings**
ÖNER E., ATAK O., GÖMEÇ R.
International Scientific Conference "Innovative solutions for sustainable development of textiles and leather industry", Oradea, Romania, 27 - 28 May 2016, vol.17, pp.105-110
- XV. **Reuse Of Decolorized Dyeing Effluents in Repeated Dyeings**
ÖNER E., ATAK O., GÖMEÇ R.
International Scientific Conference "Innovative Solutions for Sustainable Development of Textiles and Leather Industry, 27 - 28 May 2016
- XVI. **Preparation of Multi layered PCL Collagen Type1 Elastin Nanofibrous Composite by Electrospinning**
YÜKSEK M., ERDEM R., AKALIN M., ATAK O.
ATC-13, Asian Textile Conference, 3 - 06 November 2015
- XVII. **Improvement of Laundering Durability of Polypyrrole Coated Cotton Fabrics**
YILDIZ Z., ATAK O., USTA İ.
ICENS, International Conference of Engineering and Natural Sciences, ÜSKÜP, Macedonia, 15 - 19 May 2015
- XVIII. **Improvement of Laundering Durability of Polypyrrole Coated Cotton Fabrics**
YILDIZ Z., ATAK O., USTA İ.
1st International Conference on Engineering and Natural Sciences, 15 April - 19 May 2015
- XIX. **Electrical Properties of Polyaniline/Carbon Black Deposited Polyester Fabrics**
USTA İ., ÖNEN H. A., DEMİREL GÜLTEKİN N., YILDIZ Z., ATAK O.
XIIIth International Izmir Textile and Apparel Symposium 2014 (IITAS), Antalya, Turkey, 2 - 05 April 2014
- XX. **Press Forming Of Chicken Feather Fibre Cff Reinforced Bio Composites Effects Of Cff Volume On Mechanical And Thermal Properties**
ÖZEN M. S., YÜKSEK M., UZUN M., SANCAK E., USTA İ., ATAK O.
International Conference Exhibition on Advanced Nano Materials, Quebec, Canada, 12 - 14 August 2013
- XXI. **Investigation of Mechanical Properties of Polyamide 6 Chitosan Hydroxyapatite based Electrospun Nanofibrous Biocomposites**
ERDEM R., SANCAK E., PAZARLIOĞLU S. S., AKALIN M., ATAK O.
International Conference Exhibition on Advanced Nano Materials, Quebec, Canada, 12 - 14 August 2013
- XXII. **Surface Modification of Cotton And Polyester Fabrics Using Alginate and Copper II Sulphate Interactions Characterization of Thermal Comfort Properties**
UZUN M., SANCAK E., USTA İ., ATAK O., AKALIN M.
The 4th International Conference Textiles Fashion, BANGKOK, Thailand, 3 - 04 July 2012
- XXIII. **The Effect of Copper Sulphate Solutions on Physical Properties of Cotton and Polyester Woven Fabrics**
UZUN M., SANCAK E., AKALIN M., ATAK O., BEYİT A., USTA İ.
The 88th Textile Institute World Conference, Shah-Alam, Malaysia, 15 - 17 May 2012

- XXIV. **Single Bath Combined Dyeing and Antimicrobial Finishing of %100 Polyester Yarns**
Öner E., Atak O., Durna M., Şahin H., Urkan I.
Tex Teh IV International Conference, Bucharest – Romania, Bucuresti, Romania, 23 - 24 June 2011, pp.314-318
- XXV. **An Investigation of Electromagnetic Shielding Properties of Woven fabrics with Stainless Steel Wire**
ÖZEN M. S., USTA İ., SANCAK E., YÜKSEK M., ATAK O.
The Textile Institute Centenary Conference, Manchester, United Kingdom, 3 - 04 November 2010
- XXVI. **APPLICATION OF NANO SOFTENERS ON 97% / 3% COTTON/LYCRA FABRICS KNITTED BY VORTEX AND RING SPUN YARNS**
Öner E., Yılmaz Şahinbaşkan B., Atak O., Capar M.
International Conference TEX TEH 3 on Application of Nanotechnologies for Textiles, Bucharest, Romania, 7 - 08 October 2010, pp.54-61
- XXVII. **EFFECT OF METAL FILAMENT WIRE CONTAINING KNITTING FABRICS ON ELECTROMAGNETIC SHIELDING EFFECTIVENESS (EMSE)**
USTA İ., SANCAK E., YÜKSEK M., BEYİT A., ATAK O., Senyurek V. Y.
5th International Textile, Clothing and Design Conference, Dubrovnik, Croatia, 3 - 06 October 2010, pp.271-276
- XXVIII. **Effect of Metal Filament Containing Knitting Fabrics on Electromagnetic Shielding Effectiveness EMSE**
USTA İ., SANCAK E., YÜKSEK M., BEYİT A., ATAK O., ŞENYÜREK V. Y.
5th International Textile, Clothing and Design Conference-Magic World of Textiles, Dubrovnik, Croatia, 3 - 06 October 2010

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