

## Asst. Prof. ALİ BEYİT

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABC-2735-2020

ScopusID: 28267562300

Yoksis Researcher ID: 55729

### Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Textile Engineering, Turkey 2018 - 2023

Undergraduate, Marmara University, Faculty of Technology, Textile Engineering, Turkey 2017 - 2019

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Marmara University, Faculty of Technical Education, Textile Education, Turkey 1996 - 2000

### Dissertations

Doctorate, Dokunmamış Kumaş Esaslı Fonksiyonel Kompozit Panel Tasarımı, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Textile Engineering, 2023

Postgraduate, Nükleer, Biyolojik ve Kimyasal Korunma Amaçlı Koruyucu Tekstillerin Türkiye'de Üretilirliği, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, 2006

### 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, 2002 - 2015

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

1. Electromagnetic shielding effectiveness of needle-punched composite nonwoven fabrics with

**stainless steel fibres Efficiența ecranării electromagnetice a neșesutelor compozite întreșesute cu fibre de oțel inoxidabil**

BEYİT A., SANCAK E., ÖZEN M. S.

Industria Textila, vol.75, no.1, pp.75-85, 2024 (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. **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)
- IV. **Investigation of electromagnetic shielding properties of needle-punched nonwoven fabrics with stainless steel and polyester fiber**  
ÖZEN M. S., SANCAK E., BEYİT A., USTA İ., Akalin M.  
TEXTILE RESEARCH JOURNAL, vol.83, no.8, pp.849-858, 2013 (SCI-Expanded)
- V. **Thermal and Mechanical Properties of Walnut Shell and Glass Fiber Reinforced Thermoset Polyester Composites**  
Onat A., Pazarlıoğlu S. S., Sancak E., Ersoy S., Beyit A., Erdem R.  
ASIAN JOURNAL OF CHEMISTRY, vol.25, pp.1947-1952, 2013 (SCI-Expanded)
- VI. **An Investigation of Mechanical and Acoustic Absorption Properties of Multi axial Glass Fiber And Hazelnut s Shell Reinforced Polyester Resin Composites**  
Ersoy S., Beyit A., Sancak E.  
Journal Of Vibroengineering, vol.11, pp.305-316, 2009 (SCI-Expanded)
- VII. **An investigation of mechanical and acoustic absorption properties of multiaxial glass fiber and hazelnut's shell reinforced poliester resin composites**  
Ersoy S., Beyit A., Sancak E.  
Journal of Vibroengineering, vol.11, pp.305-315, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Islak Serme Teknolojisi İle Üretilen Karbon Esaslı Nonwoven Kumaşın Elektromanyetik Kalkanlama Özelliğinin incelenmesi**  
ÖZEN M. S., AKALIN M., SANCAK E., USTA İ., BEYİT A.  
Uluslararası Nonwoven Teknik Tekstil Teknoloji Dergisi, vol.1, pp.56-62, 2016 (Non Peer-Reviewed Journal)
- II. **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)
- III. **Mechanical properties of bi axial glass fiber and pistachio shell reinforced polyester composites**  
Pazarlıoğlu S. S., Beyit A., Ersoy S., Sancak E., Küpeli G., Salman S.  
Usak University Journal of Material Sciences, vol.1, pp.9-14, 2012 (Peer-Reviewed Journal)
- IV. **AN INVESTIGATION OF ELECTROMAGNETIC WAVE ABSORPTIONPOTENTIAL OF WOVEN FABRICS WITH STAINLESS STEEL WIRE**  
ÖZEN M. S., SANCAK E., UZUN M., USTA İ., İŞGÖREN E., BEYİT A.  
RMUTP Research Journal, 2012 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- 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. **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
- IV. **Electromagnetics Shielding Effectiveness of Nonwoven Fabrics Produced from Silver Coated Staple Polyamide Fibres**  
ÖZEN M. S., SANCAK E., AKALIN M., SOIN N., SHAH T., BEYİT A.  
14th Asian Textile Conference, 27 - 30 June 2017
- V. **Development of Conductive Fiber Composite Structures for Shielding of Electromagnetic Waves**  
SANCAK E., USTA İ., YÜKSEK M., UZUN M., AKALIN M., İŞGÖREN E., BEYİT A.  
10th Asian-Australasian Conference on Composite Materials (ACCM-10), Busan, South Korea, 16 - 19 October 2016
- VI. **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
- VII. **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
- VIII. **Investigation of Electromagnetic Shielding Effectiveness of the Nonwoven Carbon Mat Produced by Wet Laid Technology**  
ÖZEN M. S., AKALIN M., SANCAK E., USTA İ., BEYİT A.  
Asian Textile Conference (ATC13), 3 - 06 November 2015
- IX. **Functionalization of Polyester Knitted Fabrics By Dyeing with Multi Walled Carbon Nanotubes**  
DEMİREL GÜLTEKİN N., GÜLTEKİN B. C., BEYİT A., USTA İ.  
1st International Conference on Engineering and Natural Sciences, 15 - 19 May 2015
- X. **Preparatin of Argan Oil Added Polyurethane Based Electrospun Nanofibrous Membrane**  
ERDEM R., SANCAK E., AKALIN M., YÜKSEK M., BEYİT A., ÖZDOĞAN R.  
2ND USA International Conference on Surfaces, Coating and Nano Structured Materials, HOUSTON, United States Of America, 19 - 22 May 2014
- XI. **A Case Study on Copper Alginate Treated Wool Fabrics by Using Ultrasonic Energy**  
UZUN M., SANCAK E., BEYİT A., USTA İ., AKALIN M.  
International Congress on Materials and Renewable Energy, ATİNA, Greece, 1 - 03 July 2013
- XII. **Use of Copper Filament and Cotton Fibres as Electromagnetic Shielding Materials in Metal Filament Reinforced Core Yarns**  
UZUN M., SANCAK E., CAN M., USTA İ., BEYİT A., AKALIN M.  
International Congress on Materials and Renewable Energy, ATİNA, Greece, 1 - 03 July 2013
- XIII. **Elektromanyetik Dalgaları Engellemek İçin Dokunmamış Kumaş Üretimi**  
ÖZEN M. S., USTA İ., SANCAK E., BEYİT A., AKALIN M.  
V. International RD Brokerage Events, Bursa, Turkey, 4 - 05 April 2013
- XIV. **An Investigation into Sound Absorption Properties of Weft Knitted fabrics**  
YÜKSEK M., BEYİT A., İŞGÖREN E., ÖZEN M. S.  
2nd International Conference on Value AdditionInnovation in Textiles, Faisalabad, Pakistan, 18 - 19 March 2013, pp.212-218
- XV. **An Investigation of Electromagnetic Wave Absorption Potential of Woven Fabrics with Stainless**

## **Steel Wire**

ÖZEN M. S., USTA İ., BEYİT A., UZUN M., SANCAK E., İŞGÖREN E.

The 4th RMUTP International Conference TextilesFashion, Bangkok, Thailand, 3 - 04 July 2012

- XVI. **The Effect to Electromagnetic Shielding of the Thickness of the Needle Punched Nonwoven Fabrics**  
ÖZEN M. S., USTA İ., BEYİT A., UZUN M., SANCAK E., YÜKSEK M.  
The 4th RMUTP International Conference TextilesFashion, Thailand, 3 - 04 July 2012
- XVII. **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
- XVIII. **Effect of Fine Stainless Steel Wire Containing Interlock Knitting Fabrics on Electromagnetic Shielding Effectiveness EMSE**  
YÜKSEK M., SANCAK E., USTA İ., BEYİT A., UZUN M., AKALIN M.  
First International Conference On Value Addition And Innovation In Textile, Faisalabad, Pakistan, 13 - 14 March 2011
- XIX. **An Investigation of Electromagnetic Shielding Properties of Nonwoven Fabrics with Metal Fibre**  
AKALIN M., ÖZEN M. S., USTA İ., SANCAK E., BEYİT A.  
The Textile Institute Centenary Conference, Manchester, United Kingdom, 3 - 04 November 2010
- XX. **AN INVESTIGATION OF SOUND ABSORPTION PROPERTIES OF THE. PLAIN AND SPACER WEFT KNITTED FABRICS**  
YÜKSEK M., Akalin M., ÖZEN M. S., BEYİT A., ERSOY S.  
5th International Textile, Clothing and Design Conference, Dubrovnik, Croatia, 3 - 06 October 2010, pp.768-773
- XXI. **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
- XXII. **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
- XXIII. **Investigation of Sound Absorption Properties of Spacer Knitted Fabrics**  
YÜKSEK M., AKALIN M., ÖZEN M. S., BEYİT A.  
5th International Textile, ClothingDesign Cencerence, Dubrovnik, Croatia, 3 - 06 October 2010, pp.768-773
- XXIV. **Effects of Fibre Cut Length on the Physical Properties of Needle Punched Polyester Nonwoven Fabrics**  
ÖZEN M. S., BEYİT A.  
5th International İstanbul Textile Conference, İstanbul, Turkey, 19 - 21 May 2005
- XXV. **How Ready Is The Textile Industry For The Year 2005**  
AKALIN M., BEYİT A., SANCAK E.  
II International Symposium in Textile Engineering, Natal, Brazil, 7 - 11 September 2004

## **Supported Projects**

Usta İ., Sancak E., Özen M. S., Beyit A., Project Supported by Higher Education Institutions, Metal Filament Takviyeli Kumaşlar Kullanılarak Üretilmiş Kompozit Yapıların Elektromagnetik Özelliklerinin İncelenmesi, 2009 - 2013

## **Metrics**

Publication: 36

Citation (WoS): 54

Citation (Scopus): 90

H-Index (WoS): 3

H-Index (Scopus): 5