

Asst. Prof. RUMEYSA ÇELEN

Personal Information

Office Phone: [+90 022 429 4203](tel:+900224294203) Extension: 642036

Email: rumeysa@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/rumeysa>

International Researcher IDs

ScholarID: JW-9OgwAAAAJ

ORCID: 0000-0002-2972-8295

Publons / Web Of Science ResearcherID: AAI-8087-2021

ScopusID: 57208152931

Yoksis Researcher ID: 203571

Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ, Turkey 2014 - 2021

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (YI) (Tezli), Turkey 2012 - 2014

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2009 - 2014

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Tekstil Mühendisliği Bölümü, Turkey 2007 - 2011

Foreign Languages

English, C1 Advanced

Research Areas

Textile Engineering and Technology, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 2022 - Continues

Research Assistant, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ, 2013 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Improvement of thermal stability, flame retardancy, hydrophobicity, tear and wear performance of polyester fabrics with graphene nanoplatelet coating**
Manasoglu G., ÇELEN R., KANMAZ D.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.141, no.32, 2024 (SCI-Expanded)
- II. Usage of Barium Titanate in Fabric Coating and Investigation of Some Properties**
ÇELEN R., MANASOĞLU G., ULCAY Y., KANIK M.
FIBERS AND POLYMERS, vol.22, no.5, pp.1296-1303, 2021 (SCI-Expanded)
- III. An Investigation on the Thermal and Solar Properties of Graphene-Coated Polyester Fabrics**

MANASOĞLU G., ÇELEN R., KANIK M., ULCA Y.

COATINGS, vol.11, no.2, 2021 (SCI-Expanded)

IV. The Effect of Graphene Coating on Surface Roughness and Friction Properties of Polyester Fabrics

MANASOĞLU G., ÇELEN R., AKGÜN M., KANIK M.

MATERIALS SCIENCE-MEDZIAGOTYRA, vol.27, no.4, pp.470-476, 2021 (SCI-Expanded)

V. Investigation of Electromagnetic Shielding and Solar Properties of Woven Fabrics made by Barium titanate/Polyester Bicomponent Yarns

ÇELEN R., ULCA Y.

TEKSTİL VE KONFEKSİYON, vol.30, no.4, pp.251-261, 2020 (SCI-Expanded)

VI. Electrical resistivity and thermal conductivity properties of graphene-coated woven fabrics

Manasoglu G., ÇELEN R., KANIK M., ULCA Y.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.40, 2019 (SCI-Expanded)

VII. Investigating electromagnetic shielding effectiveness of knitted fabrics made by barium titanate/polyester bicomponent yarn

ÇELEN R., ULCA Y.

JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.14, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. SİVRİSİNEK KOVUCU TEKSTİL MALZEMELERİ ÜZERİNE BİR DERLEME

Çelen R., Kanmaz D., Aras C., Yıldız S., Tiritöğlü M., Düzyer Gebizli Ş., Koral Koç S., Karaca E.

TEKSTİL VE MUHENDİS, vol.30, no.132, pp.351-367, 2023 (Peer-Reviewed Journal)

II. Bikomponent Lifler

ÇELEN R., ULCA Y.

Tekstil ve Mühendis, vol.26, no.114, pp.177-187, 2019 (Scopus)

III. BARYUM TİTANATIN TEKSTİLDE ELEKTROMANYETİK KALKANLAMA UYGULAMALARINDA KULLANIMI

ÇELEN R., ULCA Y.

Uludağ University Journal of The Faculty of Engineering, vol.23, no.2, 2018 (Peer-Reviewed Journal)

IV. Investigation of Performance Properties of Graphene Coated Fabrics

ÇELEN R., MANASOĞLU G., KANIK M., ULCA Y.

International Journal of Modern Research in Engineering and Technology, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

I. KALİTE VE OTOMASYON

Çelen R., Ulca Y.

in: ITMA 2015 TEKSTİL MAKİNELERİ BUTEKOM TEKNOLOJİK DEĞERLENDİRME RAPORU, Prof. Dr. Yusuf

ULCA Y., Şengül TEKE, Editor, Uludağ İhracatçı Birlikleri, Bursa, pp.370-375, 2016

II. TIBBİ TEKSTİLLER (MEDTECH)

Çelen R., Ulca Y.

in: TEKNİK TEKSTİL 2015 FRANKFURT FUARI BUTEKOM TEKNOLOJİK DEĞERLENDİRME RAPORU, Prof. Dr. Yusuf

ULCA Y., Şengül TEKE, Editor, Uludağ İhracatçı Birlikleri, Bursa, pp.70-79, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Investigation of Electrical Resistivity and Electromagnetic Shielding Properties of Barium Titanate Coated Fabrics

ÇELEN R., MANASOĞLU G., ULCAY Y., KANIK M.

7th International Fibre and Polymer Research Symposium, 25 - 26 September 2020

II. Investigation of Polymer Foams (Expanded Polymers) and Their Use in Textile

ÇELEN R., ULCAY Y.

6th International Fibre and Polymer Research Symposium, Bursa, Turkey, 24 - 25 January 2020

III. Investigation Thermal Conductivity and Some Performance Properties of Graphene Coated Fabrics

ÇELEN R., MANASOĞLU G., ULCAY Y., KANIK M.

17th NATIONAL 3rd INTERNATIONAL THE RECENT PROGRESS SYMPOSIUM ON TEXTILE TECHNOLOGY AND CHEMISTRY, 20 - 22 November 2019

IV. Electromagnetic Shielding Effectiveness of Woven Fabrics Made by Barium titanate/Polyester Bicomponent Yarns

ÇELEN R., ULCAY Y.

3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 11 - 13 October 2019

V. Electrical Resistivity and Bending Rigidity Properties of Graphene Coated Fabrics

ÇELEN R., MANASOĞLU G., ULCAY Y., KANIK M.

5. ULUSLARARASI LİF VE POLİMER ARAŞTIRMALARI SEMPOZYUMU, 2 - 03 May 2019

VI. Investigation of Performance Properties of Barium Titanate Additive Polyester Yarns

ÇELEN R., ULCAY Y.

4th International Scientific Research Congress, 14 - 17 February 2019

VII. MONOFILAMENT FIBER PRODUCTION WITH POLYMER FOAMS

ÇELEN R., ULCAY Y.

7th International Technical Textile Congress, 10 - 12 October 2018

VIII. Investigation Electrical Properties of Fabrics Coated with Barium Titanate and Graphene

MANASOĞLU G., ÇELEN R., KANIK M., ULCAY Y.

7th International Technical Textiles Congress, 10 - 12 October 2018

IX. Poliester İpliğe Elektromanyetik Kalkanlama (EMK) ve Antibakteriyel Özellik Kazandırılması

ÇELEN R., ULCAY Y.

16. Uluslararası Tekstil Teknolojisi ve Kimyasındaki Son Gelişmeler Sempozyumu., 4 - 06 May 2017

X. Production of polymer foam added bicomponent yarn.

ÇELEN R., ULCAY Y.

2nd International Fiber and Polymer Research Symposium, 27 - 28 April 2017

XI. Isı ve Ses Yalıtımı Sağlayan Bikomponent İplik Üretimi.

ÇELEN R., ULCAY Y.

Uludağ Üniversitesi VI. Bilgilendirme ve Ar-Ge Günleri, Turkey, 15 - 16 March 2017

XII. Investigate Of Electrical Resistance Of Polypropylene Fibers Doped Carbon Nanotube

Çelen R., Ulcay Y., Eren S.

6th International Technical Textiles Congress 2015, İzmir, Turkey, 14 - 16 October 2015

XIII. INVESTIGATION OF ELECTRICAL RESISTANCE OF POLYPROPYLENE FIBERS DOPED CARBON NANOTUBE

ÇELEN R., EREN S., ULCAY Y.

6th International Technical Textile Congress, İzmir, Turkey, 14 - 16 October 2015

XIV. Electromagnetic Shielding Effectiveness of Knitting Fabrics Which Consist of Polyester Yarns Doped Barium Titanate

TURAL R., ULCAY Y.

Fiber Society, 24 - 27 May 2015

XV. Investigation of the Mechanical and Electrical Properties of Polyester Yarns Doped Barium Titanate

ULCAY Y., ÇELEN R., EREN S.

The 6th International Conference on the Future Technical Textile (FTT 2014), İstanbul, Turkey, 15 - 17 October 2014, pp.40

XVI. Production of Electrically Conductive Bicomponent Fibres

ULCAY Y., EREN S., TURAL R.

14th Autex World Textile Conference, 26 - 28 May 2014

Supported Projects

KARACA E., YILDIZ S., DÜZYER GEBİZLİ Ş., ÇELEN R., ARAS C., TİRİTOĞLU M., KANMAZ D., KORAL KOÇ S., MANASOĞLU G.,
Project Supported by Higher Education Institutions, Sitronella Yağı Esaslı Mikrokapsüller İçeren Sivrisinek Kovucu
Poliüretan Nanolifli Yüzey Üretimi ve Karakterizasyonu, 2023 - Continues
Çelen R., Ulcay Y., Project Supported by Higher Education Institutions, Elektromanyetik Kalkanlama Sağlayan Fonksiyonel
Bikomponent İplik Üretimi, 2017 - 2021

Metrics

Publication: 29

Citation (WoS): 38

Citation (Scopus): 32

H-Index (WoS): 3

H-Index (Scopus): 2