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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-5720-2019

ScopusID: 6602225718

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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (Dr), Turkey 2010 - 2011

Postgraduate, Marmara University, Faculty of Technical Education, Textile Education, Turkey 1993 - 1996

Undergraduate, Marmara University, Faculty of Technical Education, Textile Education, Turkey 1989 - 1993

Dissertations

Doctorate, Seacell® içerikli kumaşların güç tutuşurluk ve termal özelliklerinin geliştirilmesi, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (Dr), 2011

Postgraduate, Bitim İşlemlerinde Ultrasonik Yöntemin Etkileri, Marmara Üniversitesi, Faculty of Technical Education, Textile Education, 1996

Research Areas

Textile Engineering and Technology, Textile Chemistry, Dye Finishing Technology, Technical Textiles

Academic and Administrative Experience

Deputy Head of Department, Marmara University, Faculty of Technology, Textile Engineering, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electrically conductive, hydrophobic, UV protective and lightweight cotton spunlace nonwoven fabric coated with reduced graphene oxide**
GÜLTEKİN B. C.
Turkish Journal of Chemistry, vol.46, no.4, pp.968-986, 2022 (SCI-Expanded)
- II. **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)
- III. **Bleaching of SeaCell (R) Active Fabrics with Hydrogen Peroxide**
GÜLTEKİN B. C.
FIBERS AND POLYMERS, vol.17, no.8, pp.1175-1180, 2016 (SCI-Expanded)
- IV. **THE STUDY OF FLAME RETARDANCY AND THERMAL PROPERTIES OF SeaCell (R) FABRICS**
GÜLTEKİN C., AKALIN M., YÜKSELOĞLU S. M.
TEKSTİL VE KONFEKSİYON, vol.23, no.2, pp.107-112, 2013 (SCI-Expanded)
- V. **The study of flame retardancy and thermal properties of seacell fabrics**
GÜLTEKİN B. C., Akalin M., YÜKSELOĞLU S. M.
Tekstil ve Konfeksiyon, vol.23, no.2, pp.107-112, 2013 (SCI-Expanded)
- VI. **Extraction of Anthocyanin Pigments from Red Onion (AlliumcepaL.) and Dyeing Woolen Fabrics**
Gültekin B. C.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.4, pp.2891-2902, 2010 (SCI-Expanded)
- VII. **Effect of ultrasonic energy in washing of medical surgery gowns**
Canoglu S., Gultekin B. C., Yukseloglu S. M.
ULTRASONICS, vol.42, pp.113-119, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Effect of Functionalized Multi walled Carbon Nanotubes MWCNTs on Properties of Polyester Fabric Dyed with MWCNTs**
Demirel Gültekin N., Gültekin B. C.
Marmara Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, 2015 (Peer-Reviewed Journal)

Books

- I. **Novel Approach to Breathable Nonwoven Hygienic Products**
Yükseloğlu S. M., Gültekin B. C., Ağırhan A. Ö.
in: Medical TExtiles and Biomaterials for Healthcare, subhash Anand,F Kennedy,M Mraftab,S. Rajendran, Editor, Woodhead Publishing Limited , Bolton, pp.201-208, 2006
- II. **Terbiye işletmelerinde İşlem Gören Tekstil Ürünleri İle ilgili Testler**
GÜLTEKİN B. C.
in: Terbiye İşletmelerinde İşlem Gören Tekstil Ürünleri İle İlgili Testler Tekstil Terbiye İşletmelerinde boyama ve Kimya laboratuvarları el kitabı, Öner Erhan, Editor, Çetin matbacılık, İstanbul, pp.51-76, 2003

Papers Published in Refereed Scientific Meetings

- I. **Grafen Oksit Kaplanmış Poliamid Kumaşın Karanfil Ekstraktı ile Çevre Dostu İndirgenmesi**
Demirel Gültekin N., Usta İ., Yalçın B., Gültekin B. C.
32. Uluslararası katılımlı Ulusal kimya Kongresi (Online), İstanbul, Turkey, 17 - 19 September 2020, pp.55
- II. **Roselle Hibiscus Sabdariffa Bitkisi Ekstraktı ile Boyanmış Pamuk Kumaşın Işık Haslığı Özelliğine C Vitamini Etkisinin İncelenmesi**
Demirel Gültekin N., Akkaya M., Durna M., Gültekin B. C., Akalin M.
7. Uluslararası İstanbul Tekstil Konferansı - Anadolu'ya Dokunan Bezler, İstanbul, Turkey, 21 - 23 March 2016, pp.609-615
- III. **ROSELLE Hibiscus Sabdariffa BİTKİSİ EKSTRAKTI İLE BOYANMIŞ PAMUK KUMAŞIN IŞIK HASLIĞI ÖZELLİĞİNE C VİTAMİNİ ETKİSİNİN İNCELENMESİ**
DEMİREL GÜLTEKİN N., AKKAYA M., DURNA M., GÜLTEKİN B. C., AKALIN M.

7. Uluslararası İstanbul Tekstil Konferansı, İstanbul, Turkey, 21 - 23 March 2016

IV. INVESTIGATION OF THE EFFECT OF LAUNDERING PROCESS ON ELECTROMAGNETIC SHIELDING EFFECTIVENESS OF SCREEN PRINTED CARBON NANOMATERIALS ON POLYESTER FABRIC

DEMİREL GÜLTEKİN N., GÜLTEKİN B. C., USTA İ.

1st International Printing Technologies Symposium, İstanbul, Turkey, 8 - 10 October 2015

V. Evaluating the Electromagnetic Shielding Effectiveness of Screen Printed Carbon Nanomaterials on Polyester Fabric

DEMİREL GÜLTEKİN N., ŞİMŞEK R., GÜLTEKİN B. C., USTA İ.

NANOTR-11, Ankara, Turkey, 22 - 25 June 2015

VI. 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

VII. Novel approach to breathable nonwoven hygienic products

Akalin M., Yukselolu S. M., Gultekin B. C., Agirgan A.

International Conference and Exhibition on Healthcare and Medical Textiles (MedTex 03), Bolton, England, 8 - 09 July 2003, pp.201-208

Supported Projects

Demirel Gültekin N., Gültekin B. C., Project Supported by Higher Education Institutions, KARBON ESASLI NANOMALZEMELER KULLANILARAK BASKI YÖNTEMİYLE POLYESTER KUMAŞLARA ELEKTROMANYETİK KALKANLAMA ÖZELLİĞİNİN KAZANDIRILMASI, 2016 - 2017

Metrics

Publication: 18

Citation (WoS): 34

Citation (Scopus): 30

H-Index (WoS): 3

H-Index (Scopus): 2