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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Bursa Uludağ Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği, Türkiye 2014 - 2021

Yüksek Lisans, Tekirdağ Namık Kemal Üniversitesi, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği, Türkiye 2011 - 2013

Lisans, Uşak Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Tekstil Mühendisliği Bölümü, Türkiye 2006 - 2010

Akademik Unvanlar / Görevler

Doktor, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri Ve Tasarımı, Tekstil Mühendisliği, 2022 - Devam Ediyor

Dr.Öğr.Üyesi, Nişantaşı Üniversitesi, Sanat ve Tasarım Fakültesi, Tekstil ve Moda Tasarımı, 2022 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Development of Biodegradable Poly(butylene succinate) Based Nanofibrous Webs via Solution-Blow Spinning Technology for N95 Respiratory Filters**
Pakolpakçıl A.
Fibers and Polymers, cilt.25, sa.2, ss.473-484, 2024 (SCI-Expanded)
- II. **Optimization of the Centrifugal Spinning Parameters to Prepare Poly(butylene succinate) Nanofibers Mats for Aerosol Filter Applications**
Pakolpakçıl A., Kılıç A., Draczynski Z.
Nanomaterials, cilt.13, sa.24, 2023 (SCI-Expanded)
- III. **Preparation and characterization of the advanced alginate-based nanofibrous nonwoven using EDC/NHS coupling agent by electrospinning**
Pakolpakçıl A., Draczynski Z.
Journal of the Textile Institute, cilt.113, sa.9, ss.1908-1916, 2022 (SCI-Expanded)
- IV. **Production and characterization of polyurethane ultrafine fibre webs containing boric acid by electrospinning**
Pakolpakçıl A., Draczyński Z.
Indian Journal of Fibre and Textile Research, cilt.47, sa.3, ss.275-280, 2022 (SCI-Expanded)
- V. **A facile design of colourimetric polyurethane nanofibrous sensor containing natural indicator dye for detecting ammonia vapour**
Pakolpakçıl A., Draczyński Z.
Materials, cilt.14, sa.22, 2021 (SCI-Expanded)
- VI. **An in vitro study of antibacterial properties of electrospun hypericum perforatum oil-loaded poly(Lactic acid) nonwovens for potential biomedical applications**
Pakolpakçıl A., Draczyński Z., Szulc J., Stawski D., Tarzyńska N., Bednarowicz A., Sikorski D., Hernandez C.,

Sztajnowski S., Krucińska I., et al.

Applied Sciences (Switzerland), cilt.11, sa.17, 2021 (SCI-Expanded)

VII. Green approach to develop bee pollen-loaded alginate based nanofibrous mat

Pakolpakçıl A., Draczynski Z.

Materials, cilt.14, sa.11, 2021 (SCI-Expanded)

VIII. Design and in vivo evaluation of alginate-based pH-sensing electrospun wound dressing containing anthocyanins

Pakolpakçıl A., OSMAN B., GÖKTALAY G., TÜMAY ÖZER E., ŞAHAN Y., BECERİR B., KARACA E.

Journal of Polymer Research, cilt.28, sa.2, 2021 (SCI-Expanded)

IX. Halochromic composite nanofibrous mat for wound healing monitoring

Pakolpakçıl A., OSMAN B., TÜMAY ÖZER E., ŞAHAN Y., BECERİR B., GÖKTALAY G., KARACA E.

Materials Research Express, cilt.6, sa.12, 2019 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. An experimental study for evaluating the sound absorption coefficient of polylactic acid electrospun nonwoven

Pakolpakçıl A.

Applied and Computational Engineering, sa.7, ss.744-749, 2023 (Hakemli Dergi)

II. An Experimental Design Approach to Examine the Influencing Parameters of Poly (Butylene Succinate) (PBS) Nanofibrous Nonwoven by Solution Blow Spinning

Pakolpakçıl A.

Textile and Apparel, cilt.33, sa.3, ss.312-324, 2023 (Hakemli Dergi)

III. Effect of PVDF content on the filtration performance and mechanical properties of melt-blown PP fibrous webs

Eticha A. K., AKGÜL Y., PAKOLPAKÇIL A., Ünlü O. K., ÇUĞ H., KILIÇ A.

Journal of innovative engineering and natural science (Online), cilt.3, sa.2, ss.137-152, 2023 (Hakemli Dergi)

IV. Effect of Glutaraldehyde Crosslinking Parameters on Mechanical and Wetting Properties of PVA/NaAlg Electrospun Mat

Pakolpakçıl A., Pakolpakçıl A.

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, cilt.26, ss.990-999, 2022 (Hakemli Dergi)

V. Correction to: An experimental study on production of intelligent textile by using ionochromic materials

Pakolpakçıl A.

International Advanced Researches and Engineering Journal, cilt.04, sa.01, ss.56, 2020 (Hakemli Dergi)

VI. Halocromic smart textile surfaces and their medical usage possibilities Halokromik akıllı tekstil yüzeyleri ve tıbbi amaçlı kullanım olanakları

Pakolpakçıl A., KARACA E., BECERİR B.

Tekstil ve Muhendis, cilt.25, sa.111, ss.214-224, 2018 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Preparation of pH-sensing nanofibrous mat which contain natural functional dye for detecting acid-base vapor

Pakolpakçıl A.

9. International Fiber and Polymer Research Symposium, Uşak, Türkiye, 19 - 20 Kasım 2021, ss.91-92

II. Evaluation of Antibacterial Property of Alginate Based Nanofiber Containing Bee Pollen

Pakolpakçıl A.

XVth International İzmir Textile and Apparel Symposium , İzmir, Türkiye, 26 - 27 Ekim 2021, ss.305-309

- III. **An experimental study on using an electrospun pH-sensitive colorimetric marker for monitoring freshness of chicken breast as an indicator-label**
Pakolpakçıl A.
8th International Conference on Materials Science and Nanotechnology For Next Generation , Elazığ, Türkiye, 14 - 16 Temmuz 2021, ss.43-44
- IV. **Assessment of the bacteriostatic effect of boric acid containing polyurethane electrospun mat**
Pakolpakçıl A.
8. International Fiber and Polymer Research Symposium , Eskişehir, Türkiye, 18 - 19 Haziran 2021, ss.51-52
- V. **Çapraz Bağlama İşlem Parametrelerinin Sodyum Aljinat ve Polivinilalkol Esaslı Dokusuz Yüzeylerin Mekanik Özellikleri Üzerindeki Etkisinin İncelenmesi**
Pakolpakçıl A.
14. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ, Konya, Türkiye, 10 - 12 Haziran 2021, ss.88-89
- VI. **Effect of Electrospinning Parameters on Nanofibers Which Contain Natural Dye**
Pakolpakçıl A., Karaca E.
17th National 3rd International The Recent Progress Symposium On Textile Technology And Chemistry, Bursa, Türkiye, 20 - 22 Kasım 2019, ss.53-56
- VII. **Investigation of a Natural pH-Indicator Dye for Nanofibrous Wound Dressings**
Pakolpakçıl A., KARACA E., BECERİR B.
18th World Textile Conference, AUTEX 2018, İstanbul, Türkiye, 20 - 22 Haziran 2018, cilt.460
- VIII. **Color characterization of the halochromic nanocomposites**
Pakolpakçıl A., Karaca E., Becerir B., Osman B., Tümay Özer E., Göktalay G.
14th Nanoscience and Nanotechnology Conference, İzmir, Türkiye, 22 - 25 Eylül 2018, ss.21-22
- IX. **A research of wettability behavior of sodium alginate/poly (vinyl alcohol) nanocomposites which contain red beetroot extract**
Pakolpakçıl A., Karaca E., Becerir B., Osman B., Tümay Özer E., Şahan Y., Göktalay G.
14th Nanoscience and Nanotechnology Conference, İzmir, Türkiye, 22 - 25 Eylül 2018, ss.112-113
- X. **Examination of a plant extract for smart wound dressings**
Pakolpakçıl A., Karaca E., Becerir B.
8th International Istanbul Textile Conference - Evolution Technical Textile (ETT2018), İstanbul, Türkiye, 14 - 16 Nisan 2018, ss.275-280
- XI. **Initial Study: UV-protection properties of cotton fabric dyed with orange peel**
Pakolpakçıl A.
15th Romanian Textiles And Leather Conference , Brasov, Romanya, 4 - 06 Eylül 2014, ss.225-229
- XII. **Dyeing of polyamide fabrics with a natural dye**
Pakolpakçıl A.
15th Romanian Textiles And Leather Conference , Brasov, Romanya, 4 - 06 Eylül 2014, ss.440-444
- XIII. **Enhancement of wet fastness halochromic dyed nylon fabrics with fixing agents**
Pakolpakçıl A., Koruyucu A.
14th National and 1st International Recent Developments Textile Technology and Chemistry Symposium, Bursa, Türkiye, 8 - 10 Mayıs 2013, ss.162-163

Desteklenen Projeler

Karaca E., Becerir B., Osman B., Tümay Özer E., Şahan Y., Göktalay G., TÜBİTAK Projesi, Çeşitli Doğal Bitki Ekstraktları Kullanılarak pH ile Renk Değiştiren Sodyum Alginat/Polivinil Alkol Nanolifli Yara Örtüsü Üretimi ve in vivo Çalışmalarla Değerlendirilmesi, 2017 - 2019