

Assoc. Prof. NAZİRE DENİZ YILMAZ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-3788-2019

ScopusID: 12242766500

Yoksis Researcher ID: 50892

Education Information

Undergraduate, Pamukkale University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 2020 - 2022

Doctorate, North Carolina State University, Tekstil Teknoloji Yönetimi, United States Of America 2005 - 2009

Postgraduate, Pamukkale University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Pamukkale University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Acoustic Properties of Biodegradable Nonowovens, North Carolina State University, Tekstil Teknoloji Yönetimi, 2009

Postgraduate, Havlu ve Bornoz Konfeksiyon Süreci üzerine bir Araştırma, Pamukkale University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği (YI) (Tezli), 2004

Research Areas

Textile Engineering and Technology

Academic Titles / Tasks

Associate Professor, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Tekstil Mühendisliği Bölümü, 2020 - Continues

Associate Professor, Pamukkale University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, 2013 - 2020

Assistant Professor, Pamukkale University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, 2011 - 2013

Research Assistant, Pamukkale University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, 2010 - 2011

Research Assistant, North Carolina State University, College Of Textiles, 2005 - 2009

Research Assistant, Pamukkale University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, 2001 - 2005

Academic and Administrative Experience

Head of Department, Usak University, 2023 - 2026

Head of Department, Pamukkale University, 2015 - 2016

Mevlana Exchange Program Institutional Coordinator, Pamukkale University, 2013 - 2016

Pamukkale University, 2012 - 2014

Courses

Biyomateryallere Giriş, Postgraduate, 2021 - 2022

Statik, Undergraduate, 2021 - 2022

Fizik 1, Undergraduate, 2021 - 2022

Fizik 2, Undergraduate, 2021 - 2022, 2020 - 2021

Mukavemet, Undergraduate, 2021 - 2022, 2020 - 2021

Dinamik, Undergraduate, 2021 - 2022

Malzeme, Undergraduate, 2020 - 2021

Fizik I, Undergraduate, 2020 - 2021

TENG 404 LİSANS TEZİ 2, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

TEK 525 DOKUSUZ YÜZEY BAĞLAMA İLEKELERİ, Postgraduate, 2013 - 2014, 2011 - 2012

TENG 223 KONFEKSİYON TEKNOLOJİSİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

TEK 543 Ekolojik Tekstiller, Postgraduate, 2013 - 2014

TENG 461 LİSANS TEZİ 1, Undergraduate, 2013 - 2014, 2011 - 2012

TEK 527 Otomotiv Tekstilleri, Postgraduate, 2013 - 2014, 2012 - 2013

TENG493 Ekolojik Tekstiller, Undergraduate, 2012 - 2013

TENG 305 KONFEKSİYON MAKİNELERİ, Undergraduate, 2012 - 2013, 2011 - 2012

TENG509 Otomotiv Tekstilleri, Undergraduate, 2012 - 2013

Advising Theses

NAZİRE DENİZ Y., Bamya bitkisinden suda çürütme yöntemi ile lif elde edilmesi ve elde edilen lifin çeşitli fiziksel, kimyasal ve mekanik özellikleri, Postgraduate, S.KONAK(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of okra bast fillers on biodegradation properties of poly(vinyl alcohol) composites**
Khan G. M. A., YILMAZ N. D.
Turkish Journal of Chemistry, vol.47, no.1, pp.24-32, 2023 (SCI-Expanded)
- II. **Thermal Characteristics of Okra Bast and Corn Husk Fibers Extracted via Alkalization**
Stawski D., Çalışkan E., YILMAZ N. D., Krucińska I.
Journal of Natural Fibers, vol.19, no.14, pp.9101-9110, 2022 (SCI-Expanded)
- III. **Effects of Alkalization on Physical and Mechanical Properties of Biologically Degummed Okra Bast and Corn Husk Fibers**
Khan G. M. A., YILMAZ N. D., Yilmaz K.
Journal of Natural Fibers, vol.19, no.3, pp.1126-1136, 2022 (SCI-Expanded)
- IV. **Thermal and mechanical characteristics of Okra (*Abelmoschus esculentus*) fibers obtained via water- and dew-retting**
Stawski D., Çalışkan E., YILMAZ N. D., Krucińska I.
Applied Sciences (Switzerland), vol.10, no.15, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effects of chemical treatments on morphological, physical and chemical properties of okra bast fibers**
Ersoy M., Yılmaz N. D.
Journal of innovative engineering and natural science (Online), vol.4, no.2, pp.380-390, 2024 (Peer-Reviewed Journal)
- II. **TRİBOELEKTRİK NANOJENERATÖRLER İLE ENERJİ HASADI: TEORİK KÖKEN, ÇALIŞMA PRENSİBİ VE ÇALIŞMA MODLARI**
YILMAZ N. D.
SELCUK UNIVERSITY JOURNAL OF ENGINEERING, SCIENCE AND TECHNOLOGY, vol.9, no.1, pp.232-249, 2021 (Peer-Reviewed Journal)
- III. **Turkish Towel s Place in the Global Market**
YILMAZ N. D., CASSILL N., POWELL N. B.
JTATM, vol.5, no.4, pp.1-24, 2007 (Peer-Reviewed Journal)
- IV. **The Technology of Terry Towel Production**
YILMAZ N. D., POWELL N. B., DURUR G.
JTATM, vol.4, no.4, pp.1-43, 2005 (Scopus)

Books & Book Chapters

- I. **Smart Nanotextiles: Wearable and Technical Applications**
YILMAZ N. D.
WILEY - SCRIVENER, Hoboken, 2022
- II. **Smart nanotextiles applications: a general overview**
YILMAZ N. D.
in: Smart Nanotextiles: Wearable and Technical Applications, YILMAZ NAZİRE DENİZ, Editor, Wiley-Scrivener, Hoboken, pp.1-84, 2022
- III. **Flexural behavior of textile-reinforced polymer composites**
YILMAZ N. D., Khan G. M.
in: Mechanical and Physical Testing of Biocomposites, Fibre-Reinforced Composites and Hybrid Composites, Mohammad Jawaid Mohamed Thariq Naheed Saba, Editor, Woodhead Publishing, pp.13-42, 2019
- IV. **Introduction to Smart Nanotextiles**
YILMAZ N. D.
in: Smart Textiles: Wearable Nanotechnology, NAZİRE DENİZ YILMAZ, Editor, Wiley-Scrivener, pp.1-38, 2018
- V. **Nanocomposites for Smart Textiles**
YILMAZ N. D.
in: Smart Textiles: Wearable Nanotechnology, NAZİRE DENİZ YILMAZ, Editor, Wiley Scrivener, pp.211-246, 2018
- VI. **Multicomponent, Semi-interpenetrating-Polymer-Network and Interpenetrating-Polymer-Network Hydrogels: Smart Materials for Biomedical Applications**
YILMAZ N. D.
in: Functional Biopolymers, Vijay Kumar Thakur, Manju Kumari Thakur, Editor, Springer Cham, pp.281-342, 2018
- VII. **Agro-residual fibers as potential reinforcement elements for biocomposites**
YILMAZ N. D.
in: Lignocellulosic Polymer Composites Processing Characterization and Properties, Vijay Kumar Thakur, Editor, Wiley Scrivener Publishing, pp.233-270, 2015
- VIII. **Polysaccharides as natural pharmaceutical excipients**
YILMAZ N. D., KOYUNDERELİ ÇILGI G., YILMAZ K.
in: Handbook of Polymers for Pharmaceutical Technologies Volume 1 Structure and Chemistry, Vijay Kumar Thakur, Manju Kumari Thakur, Editor, Wiley Scrivener, pp.483-516, 2015

IX. Biomedical Applications of Microbial Cellulose Nanocomposites

YILMAZ N. D.

in: Biodegradable Polymeric Nanocomposites Advances in Biomedical Applications, Depan D, Editor, CRC Press, pp.231-249, 2015

X. Acoustic properties of biodegradable nonwovens

YILMAZ N. D.

Proquest, 2011

Refereed Congress / Symposium Publications in Proceedings

I. SMART NANOTEXTILES: MATERIALS PRODUCTION & APPLICATIONS

YILMAZ N. D.

2022 Philippines Textile Congress, Philippines, 08 November 2022

II. Effect of okra bast fillers on biodegradation properties of poly(vinyl alcohol) composites

Khan G. M., YILMAZ N. D.

10. Uluslararası Lif ve Polimer Arařtırmaları Sempozyumu, İstanbul, Turkey, 13 May 2022, pp.68

Metrics

Publication: 20

Citation (Scopus): 56

H-Index (WoS): 1

H-Index (Scopus): 3