

Assoc. Prof. GÜLHAN GÜLER

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAP-5314-2021

ScopusID: 47661184100

Yoksis Researcher ID: 34198

Education Information

Doctorate, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, Turkey 2010 - 2016

Postgraduate, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, Turkey 2006 - 2009

Undergraduate, Suleyman Demirel University, Mühendislik&Mimarlık Fakültesi, Tekstil Mühendisliği, Turkey 2002 - 2006

Dissertations

Doctorate, Pulcuksuz Yünlü Kumaşın Sürtünme Özelliklerinin İplik Çekme (Yarn Pull-Out) Yöntemi ile Belirlenmesi , Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği Ana Bilim Dalı, 2016

Postgraduate, Türkiye'de Üretilen Poliakrilonitril (PAN) Esaslı Akrilik Liflerinin Karbonizasyon Öncesi Oksidasyon Aşamasının Hızlandırılması ve Karakterizasyonu, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği, 2009

Research Areas

Textile Engineering and Technology, Textile Materials, Textile Physics, Cloth Technology, Textile Quality Control, Technical Textiles, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2024 - Continues

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2018 - 2024

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2018 - 2018

Research Assistant, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2007 - 2018

Academic and Administrative Experience

Deputy Head of Department, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2021 - Continues

Courses

Tez Çalışması 2, Doctorate, 2023 - 2024

Bitirme Ödevi, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Tez Çalışması 2, Postgraduate, 2023 - 2024, 2021 - 2022, 2018 - 2019

Örme Kumaş Teknolojisi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Uzmanlık Alan Dersi 2, Doctorate, 2023 - 2024

Tekstil Mühendisliğine Giriş, Undergraduate, 2023 - 2024, 2022 - 2023

Tez Çalışması 1, Doctorate, 2023 - 2024

Tez Danışmanlığı 1, Doctorate, 2022 - 2023, 2021 - 2022

Tez Çalışması 1, Postgraduate, 2023 - 2024, 2021 - 2022

Uzmanlık Alan Dersi 1, Doctorate, 2023 - 2024

Uzmanlık Alan Dersi 1, Postgraduate, 2023 - 2024, 2021 - 2022

Ev Tekstilleri, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019

Tez Danışmanlığı 2, Doctorate, 2022 - 2023

Tekstil Mekanığı-I, Postgraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020

Uzmanlık Alan Dersi 2, Postgraduate, 2022 - 2023, 2021 - 2022, 2018 - 2019

Tekstil Mekanığı-II, Postgraduate, 2021 - 2022, 2018 - 2019

Advising Theses

Güler G., Farklı sıklık ve hav boylarındaki halı yüzeylerinin yapısal ve fiziksel özelliklerinin incelenmesi, Postgraduate, S.YÜCEL(Student), 2019

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, December, 2023

Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2023

Post Graduate, Post Graduate, Erciyes Üniversitesi, February, 2023

Doctorate, Doctorate, Erciyes Üniversitesi, February, 2022

Doctorate, Doctorate, Erciyes Üniversitesi, January, 2022

Doctorate, Doctorate, Erciyes Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, December, 2021

Post Graduate, Post Graduate, Ege Üniversitesi, October, 2021

Doctorate, Doctorate, Erciyes Üniversitesi, December, 2019

Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2019

Post Graduate, Post Graduate, Erciyes Üniversitesi, June, 2019

Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2019

Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2018

Post Graduate, Post Graduate, Erciyes Üniversitesi, July, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Textured Polyester Fiber in Three-Dimensional (3D) Carpet Structure Application: Experimental Characterizations under Compression-Bending-Abrasion-Rubbing Loading**
Erdoğan G., Bilişik A., Yücel S.
POLYMERS, vol.15, no.14, pp.1-26, 2023 (SCI-Expanded)
- II. **Developments of multi-nanostitched 3D carbon/epoxy nanocomposites: Tensile/shear and interlaminar properties**
Bilişik A., Erdoğan G., Şahbaz Karaduman N., Sapancı E.
APPLIED COMPOSITE MATERIALS, vol.29, no.1, pp.3-26, 2022 (SCI-Expanded)
- III. **Mode-II fracture of nanostitched para-aramid/phenolic nanoprepreg composites by end-notched flexure**
Bilisik K., Erdogan G., Sapancı E., Gungor S.
JOURNAL OF COMPOSITE MATERIALS, vol.54, no.24, pp.3537-3557, 2020 (SCI-Expanded)
- IV. **Three dimensional nanoprepreg and nanostitched aramid/phenolic multiwall carbon nanotubes composites: Experimental determination of in-plane shear**
Bilişik A., Erdoğan G., Sapancı E., Güngör S.
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.29, pp.4077-4096, 2019 (SCI-Expanded)
- V. **Mode-II toughness of nanostitched carbon/epoxy multiwall carbon nanotubes prepreg composites: Experimental investigation by using end notched flexure**
Bilişik A., Erdoğan G., Sapancı E., Güngör S.
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.30, pp.4249-4271, 2019 (SCI-Expanded)
- VI. **In-plane shear of nanoprepreg/nanostitched three dimensional carbon/epoxy multiwall carbon nanotubes composites**
Bilişik A., Erdoğan G., Karaduman N., Sapancı E., Güngör S.
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.24, pp.3413-3421, 2019 (SCI-Expanded)
- VII. **Interlaminar shear properties of nanostitched/nanoprepreg aramid/phenolic composites by short beam method**
Bilişik A., Erdogan G., Sapancı E.
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.21, pp.2941-2957, 2019 (SCI-Expanded)
- VIII. **In-plane response of para-aramid/phenolic nanostitched and nanoprepreg 3D composites under tensile loading**
Bilisik K., Erdogan G., Sapancı E.
POLYMER COMPOSITES, vol.40, no.4, pp.1275-1286, 2019 (SCI-Expanded)
- IX. **Compression after low-velocity impact (CAI) properties of multistitched composites**
Erdoğan G., Bilişik A.
Mechanics Of Advanced Materials And Structures, vol.25, no.8, pp.623-636, 2018 (SCI-Expanded)
- X. **Flexural behavior of 3D para-aramid/phenolic/nano (MWCNT) composites**
Bilişik A., Erdoğan G., Sapancı E.
RSC ADVANCES, vol.8, no.13, pp.7213-7224, 2018 (SCI-Expanded)
- XI. **Ferric Chloride Assisted Thermal Stabilization of Polyacrylonitrile Precursor Fibers Prior to Carbonization**
Karacan I., Erdogan G.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.22, no.5, pp.1016-1027, 2012 (SCI-Expanded)
- XII. **The Role of Thermal Stabilization on the Structure and Mechanical Properties of Polyacrylonitrile Precursor Fibers**
KARACAN I., Erdogan G.
FIBERS AND POLYMERS, vol.13, no.7, pp.855-863, 2012 (SCI-Expanded)
- XIII. **An investigation on structure characterization of thermally stabilized polyacrylonitrile precursor fibers pretreated with guanidine carbonate prior to carbonization**

- KARACAN I., Erdogan G.
POLYMER ENGINEERING AND SCIENCE, vol.52, no.5, pp.937-952, 2012 (SCI-Expanded)
- XIV. **A Study on Structural Characterization of Thermal Stabilization Stage of Polyacrylonitrile Fibers Prior to Carbonization**
KARACAN I., Erdogan G.
FIBERS AND POLYMERS, vol.13, no.3, pp.329-338, 2012 (SCI-Expanded)
- XV. **The Influence of Thermal Stabilization Stage on the Molecular Structure of Polyacrylonitrile Fibers Prior to the Carbonization Stage**
KARACAN I., Erdogan G.
FIBERS AND POLYMERS, vol.13, no.3, pp.295-302, 2012 (SCI-Expanded)
- XVI. **The effect of ethylenediamine pretreatment on the molecular structure of thermally stabilized polyacrylonitrile fibers before carbonization**
KARACAN I., Erdogan G.
POLYMER ENGINEERING AND SCIENCE, vol.52, no.3, pp.467-480, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Characterizations of Polypropylene Pile Fiber in Three-Dimensional (3D) Carpet under Flexure and Static Loading**
Erdoğan G., Yücel S.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.39, no.2, pp.330-341, 2023 (Peer-Reviewed Journal)
- II. **Üç boyutlu (3B) Polipropilen Halı Yapıların Aşınma ve Sürtünme Özellikleri**
Erdoğan G., Yücel S.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.39, no.1, pp.138-149, 2023 (Peer-Reviewed Journal)
- III. **Toughness properties of nanostitched and nanoprepreg carbon/epoxy materials**
Bilişik A., Erdoğan G., Sapancı E., Güngör S., Karaduman N.
Current Trends in Fashion Technology & Textile Engineering (CTFTTE), vol.1, no.2, pp.1-4, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Chapter 1: Classification of fibre reinforcement architecture**
Bilişik A., Erdoğan G., Bilisik N. E.
in: Advanced textile structural composites forming: characterisation, modelling and simulation, Peng WANG, Nahiene HAMILA, Editor, Elsevier Science, Oxford/Amsterdam, Cambridge, pp.3-667, 2024
- II. **Advances in ballistic protection**
Bilişik A., Seyduzzaman M., Erdoğan G., Korkmaz M.
in: Functional and Technical Textiles, Subhankar Maity, Kunal Singha, Pintu Pandit, Editor, Elsevier Science, Oxford/Amsterdam, Oxford, pp.1-45, 2023
- III. **Chapter 11: Applications of Glass Fibers in 3D Preform Composites**
Bilişik A., Kaya G., Özdemir H., Korkmaz M., Erdoğan G.
in: Advances in Glass Science and Technology, Vincenzo M. Sglavo, Editor, INTECH-OPEN ACCESS PUBLISHER, London, pp.207-230, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Nanostitching for Through-The-Thickness Reinforcement in Composites**
Bilişik A., Erdoğan G.

4. International Conference on Advances in Textile Materials and Processes (ATMP-2021, Online), Kanpur, India, 18 - 20 November 2021, pp.1-2
- II. **In-Plane Shear and Interlaminar Fracture Toughness Properties of MWCNTstitched Para-aramid/Phenolic Nanocomposites**
Bilişik A., Erdoğan G., Şahbaz Karaduman N., Sapancı E., Güngör S.
2nd International Workshop on Plasticity, Damage and Fracture of Engineering Materials (IWPDF-21, Online), Ankara, Turkey, 18 - 20 August 2021, vol.35, pp.210-218
- III. **Multi-Nanostitched 3D Carbon/Epoxy Nanocomposites: Tensile/Shear and Interlaminar Properties**
Bilişik A., Erdoğan G., Şahbaz Karaduman N., Sapancı E.
9th World Conference in 3D Fabrics and Their Applications, Zhengzhou, China, 8 - 09 April 2021, pp.1-14
- IV. **Interlaminar shear of nanostitched p-aramid/phenolic composites by short beam**
Bilişik A., Erdoğan G., Sapancı E.
NANOTR-15, Antalya, Turkey, 3 - 06 November 2019, pp.118-119
- V. **Fracture toughness (Mode-II) of nanostitched composites**
Bilişik A., Erdoğan G., Sapancı E., Güngör S.
1st International workshop on plasticity, damage and fracture of engineering materials, Ankara, Turkey, 22 - 23 August 2019, pp.2-6
- VI. **Tensile Characterization of 3D Nanostitched P-Aramid/ Phenolic MWCNTs Composites**
Bilişik A., Erdoğan G., Karaduman N., Sapancı E., Kaya G., Güngör S.
TEXCOMP-13, Milan, Italy, 17 - 19 September 2018, pp.1-8
- VII. **Bending Properties of Aramid/Phenolic Carbon Nanotube Preform (MWCNTS) Structures**
Bilişik A., Erdoğan G., Karaduman N., Kaya G., Sapancı E., Güngör S.
7th International Technical Textiles Conference, İzmir, Turkey, 10 - 12 September 2018, pp.1-8
- VIII. **Bending Behavior of Nanoprepreg 3D Carbon/Epoxy MWCNT Composites**
Bilişik A., Erdoğan G., Şahbaz Karaduman N., Sapancı E., Güngör S.
8th International Istanbul Conference on Evolution Technical Textile (ETT2018), İstanbul, Turkey, 14 - 16 April 2018, pp.1-6
- IX. **Mode-I properties of nanoprepreg structures**
Bilişik A., Erdoğan G., Karaduman N.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1-5
- X. **Fracture Toughness (Mode-I) of Multistitched Carbon/Epoxy Nanoprepreg Composites**
Bilişik A., Erdoğan G., Karaduman N., Sapancı E., Güngör S.
NANOTR-13, Antalya, Turkey, 22 - 25 October 2017, pp.295-296
- XI. **Delamination (Mode-I) Properties of Nano Composites**
Bilişik A., Erdoğan G., Karaduman N.
8th TEXTEH International Conference, Bucuresti, Romania, 19 - 20 October 2017, pp.1-6
- XII. **Characterization of Fracture Toughness Properties of nanostitched / Nanoprepreg Composites**
Bilişik A., Sapancı E., Erdoğan G., Karaduman N., Güngör S.
International Porous Powder Material (PPM), İzmir, Turkey, 12 - 15 September 2017, pp.269-273

Supported Projects

- GÜLER G., BİLİŞİK N. E., BİLİŞİK A., Project Supported by Higher Education Institutions, Nanobalistik ParaaramidEpoksi Kompozitler Fonksiyonlu B4CGNPsMWCNTs Katkılı ve PECVDCVD Yapılar, 2023 - Continues
- BİLİŞİK A., GÜLER G., Project Supported by Higher Education Institutions, Nanotekstil kompozitlerin morfolojik elektriksel iletkenlik termal yük dinamik yük altındaki davranışının incelenmesi, 2020 - 2022
- Güler G., Bilişik A., TUBITAK Project, Üç boyutlu dokuma ürünü iskele yapılarla kıkırdak rejenerasyonu, 2015 - 2020
- BİLİŞİK A., GÜLER G., Project Supported by Higher Education Institutions, PULCUKSUZ YÜNLÜ KUMAŞIN SÜRTÜNME ÖZELLİKLERİNİN İPLİK ÇEKME(YARN PULL-OUT) YÖNTEMİ İLE BELİRLENMESİ, 2012 - 2016

Bilişik A., Güler G., Project Supported by Other Official Institutions, ROKETSAN ortaklığında 'Çok eksenli dikişli kompozit yapıların mekanik ve balistik performansı', 2014 - 2015
KARACAN İ., ERDOĞAN G., tekoğlu o., BENLİ H., Project Supported by Higher Education Institutions, DOĞAL VE SENTETİK TEKSTİL MALZEMELERİNE KİMYASAL YÖNTEMLER İLE ALEV ISI VE YANMA DİRENÇ ÖZELLİKLERİNİN KAZANDIRILMASI VE YAPISAL ÖZELLİKLERİNİN İNCELENMESİ, 2009 - 2011
KARACAN İ., ERDOĞAN G., Project Supported by Higher Education Institutions, TÜRKİYE'DE ÜRETİLEN POLİAKRİLONİTRİL (PAN) ESASLI AKRİLİK LİFLERİNİN KARBON LİF ÜRETİMİ ÖNCESİ GEREKLİ OLAN OKSİDASYON AŞAMASININ HIZLANDIRILMASI ÜZERİNE BİR ARAŞTIRMA, 2008 - 2009

Scientific Refereeing

KSÜ Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, August 2023
Turkish Journal of Fashion Design and Management, National Scientific Refreed Journal, June 2023
JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, September 2019
TEKSTİL VE MÜHENDİS, National Scientific Refreed Journal, February 2019
TEKSTİL VE MÜHENDİS, National Scientific Refreed Journal, December 2018
JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, July 2018
JOURNAL OF COMPOSITE MATERIALS, SCI Journal, June 2018
JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, April 2018
Journal of Industrial Textiles, SCI Journal, October 2017
Journal of Industrial Textiles, SCI Journal, July 2017

Metrics

Publication: 34
Citation (WoS): 210
Citation (Scopus): 234
H-Index (WoS): 10
H-Index (Scopus): 10

Congress and Symposium Activities

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), ADANA, TÜRKİYE, Attendee, Adana, Turkey, 2017
8th TEXTEH 'CREATING THE FUTURE OF TEXTILES' International Conference, Bucharest, ROMANYA, Attendee, Bucuresti, Romania, 2017

Awards

Güler G., Bilimsel Yayın Teşvik, Tübitak, December 2023
Güler G., Bilimsel Yayın Teşvik, Tübitak, March 2020
Güler G., Bilimsel Yayın Teşvik, Tübitak, February 2020
Güler G., Bilimsel Yayın Teşvik, Tübitak, February 2020
Güler G., Tübitak Bilimsel Yayın Teşvik, Tübitak, February 2020
Güler G., Bilimsel Yayın Teşvik, Tübitak, November 2019
Güler G., Bilimsel Yayın Teşvik Ödülü, Tübitak, October 2018