

Lect. PhD Hande Sezgin

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği Anabilim Dalı, Turkey 2012 - 2018

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Tekstil Mühendisliği (YL), Turkey 2010 - 2012

Undergraduate, Istanbul Technical University, Tekstil Teknolojileri Ve Tasarımı Fakültesi, Tekstil Mühendisliği Bölümü, Turkey 2004 - 2009

Foreign Languages

English

Research Areas

Technical Sciences, Textile Engineering and Technology, Textile Materials

Academic Titles / Tasks

Lecturer PhD, Istanbul Technical University, Tekstil Teknolojileri ve Tasarımı, Tekstil Mühendisliği, 2018 - Continues
Research Assistant, Istanbul Technical University, Tekstil Teknolojileri ve Tasarımı, Tekstil Mühendisliği, 2011 - 2018

Courses

Engineering Mathematics, Undergraduate, 2023 - 2024

Textile Based Composite Materials, Postgraduate, 2021 - 2022, 2020 - 2021

Special Woven Fabrics, Undergraduate, 2021 - 2022

Machine Elements, Undergraduate, 2021 - 2022, 2020 - 2021

Dokuma Teknolojisi I, Undergraduate, 2021 - 2022, 2020 - 2021

İş ve Zaman Etüdü, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of biodegradability and cellular activity of PCL/PLA and PCL/PLLA electrospun webs for tissue engineering applications**
Öztemur J., Özdemir S., Tezcan-Unlu H., ÇEÇENER G., Sezgin H., Yalçın Eniş İ.
Biopolymers, vol.114, no.11, 2023 (SCI-Expanded)
- II. **Optimization of the textile wastewater pretreatment process in terms of organics removal and microplastic detection**
AKYILDIZ S. H., Sezgin H., YALÇIN B., Yalçın Eniş İ.
Journal of Cleaner Production, vol.384, 2023 (SCI-Expanded)
- III. **Thermal and thermo-mechanical characterization of MWCNTs integrated E-glass/carbon fabric reinforced composites**
Sezgin H., Mishra R., Militky J., Berkalp Ö. B.
Journal of Industrial Textiles, vol.51, no.5_suppl, 2022 (SCI-Expanded)
- IV. **The Effect of Curing and Post-curing Processes on Physical and Mechanical Behaviors of Jute Fabric Reinforced AESO/Epoxy Based Bio-composites**
Ozkur S., Sezgin H., Yalçın Eniş İ.
FIBERS AND POLYMERS, vol.23, no.5, pp.1410-1421, 2022 (SCI-Expanded)
- V. **Investigation of the mechanical, thermal, and acoustical behaviors of cotton, polyester, and cotton/polyester nonwoven wastes reinforced epoxy composites**
Baccouch W., Ghith A., Yalçın Eniş İ., Sezgin H., Miled W., Legrand X., Faten F.
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.6, pp.876-899, 2022 (SCI-Expanded)
- VI. **Characterization of Thermo-mechanical and Morphological Properties of Jute Fabric Reinforced Epoxy/AESO Bio-composites**
Ozkur S., Leskovsek M., Golja B., Demsar A., Sezgin H., Yalçın Eniş İ.
FIBERS AND POLYMERS, vol.22, no.12, pp.3414-3424, 2021 (SCI-Expanded)
- VII. **Design of composite insulation panels containing 100% recycled cotton fibers and polyethylene/polypropylene packaging wastes**
Sezgin H., Kucukali-Ozturk M., Berkalp Ö. B., Yalçın Eniş İ.
JOURNAL OF CLEANER PRODUCTION, vol.304, 2021 (SCI-Expanded)
- VIII. **Design of an Impact Absorbing Composite Panel from Denim Wastes and Acrylated Epoxidized Soybean Oil based Epoxy Resins**
Öztemur J., Sezgin H., Yalçın Eniş İ.
TEKSTIL VE KONFEKSİYON, vol.31, no.3, pp.228-234, 2021 (SCI-Expanded)
- IX. **Mechanical, thermo-mechanical and thermal characteristics of multi-walled carbon nanotubes-added textile-reinforced composites**
Sezgin H., Mishra R., Militky J., Berkalp Ö. B.
JOURNAL OF INDUSTRIAL TEXTILES, vol.50, no.5, pp.692-715, 2020 (SCI-Expanded)
- X. **Enhancement of fiber-matrix interface of recycled cotton fibers reinforced epoxy composite for improved mechanical properties**
Baccouch W., Ghith A., Yalçın Eniş İ., Sezgin H., Miled W., Legrand X., Faten F.
MATERIALS RESEARCH EXPRESS, vol.7, no.1, 2020 (SCI-Expanded)
- XI. **Hybrid bio-based composites from blends of epoxy and soybean oil resins reinforced with jute woven fabrics**
Ozkur S., Sezgin H., Akay E., Yalçın Eniş İ.
MATERIALS RESEARCH EXPRESS, vol.7, no.1, 2020 (SCI-Expanded)
- XII. **Analysis of the effects of fabric reinforcement parameters on the mechanical properties of textile-based hybrid composites by full factorial experimental design method**
Sezgin H., Berkalp Ö. B.
JOURNAL OF INDUSTRIAL TEXTILES, vol.48, no.3, pp.580-598, 2018 (SCI-Expanded)
- XIII. **Impact of biaxial square woven jute fabric reinforcement on mechanical performance of polyester-based composites**
Sezgin H., Enis I. Y., Berkalp Ö. B.

- INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH, vol.43, no.2, pp.252-256, 2018 (SCI-Expanded)
- XIV. Full factorial experimental design for mechanical properties of electrospun vascular grafts
Enis I. Y., Sezgin H., Sadikoglu T. G.
JOURNAL OF INDUSTRIAL TEXTILES, vol.47, no.6, pp.1378-1391, 2018 (SCI-Expanded)
- XV. Thermal analysis of e-textile structures using full-factorial experimental design method
Sezgin H., BAHADIR S. K., Böke Y. E., Kalaoğlu F.
JOURNAL OF INDUSTRIAL TEXTILES, vol.45, no.5, pp.752-764, 2016 (SCI-Expanded)
- XVI. The effect of hybridization on significant characteristics of jute glass and jute carbon reinforced composites
SEZGİN H., Berkalp Ö. B.
JOURNAL OF INDUSTRIAL TEXTILES, vol.0, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. A PRELIMINARY STUDY EXAMINING THE BURST STRENGTH OF VASCULAR TUBULAR SCAFFOLDS
Öztemur J., Özdemir S., Sezgin H., Yalçın Eniş İ.
Vlakna a Textil, vol.30, no.1, pp.72-75, 2023 (Scopus)
- II. THE EFFECT OF POLYMER TYPE AND FIBER ORIENTATION ON THE COMPLIANCE PROPERTIES OF ELECTROSPUN VASCULAR GRAFTS
Özdemir S., Öztemur J., Sezgin H., Yalçın Eniş İ.
Vlakna a Textil, vol.30, no.1, pp.67-71, 2023 (Scopus)
- III. Full Factorial Experimental Design for Water Absorption and Wettability of Jute Fabric Reinforced Acrylated Epoxidized Soybean Oil/Epoxy Biocomposites
Yalçın Eniş İ., Sezgin H.
Tekstil ve Mühendis, vol.28, no.123, pp.163-170, 2021 (Scopus)
- IV. Utilizing Recycled High Density Polyethylene Caps of PolyethyleneTerephthalate Bottles in Composite Plates
YALÇIN ENİŞ İ., SEZGİN H., KÜÇÜKALİ ÖZTÜRK M., GÖK SADIKOĞLU Ü. T.
International journal of advances in engineering and pure sciences (Online), pp.108-112, 2019 (Peer-Reviewed Journal)
- V. Improvement of Mechanical Properties of Jute/E-Glass Reinforced Hybrid Composites
SEZGİN H., BERKALP Ö. B.
IOP Conference Series: Materials Science and Engineering, 2018 (Peer-Reviewed Journal)
- VI. Textile-Reinforced Composites for the Automotive Industry
Sezgin H., Berkalp Ö. B.
COMPOSITES AND ADVANCED MATERIALS FOR INDUSTRIAL APPLICATIONS, pp.129-156, 2018 (Peer-Reviewed Journal)
- VII. Thermo-mechanical Analysis of Jute, E-glass and Carbon Fabrics
Sezgin H., Berkalp Ö. B.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.32, no.2, pp.183-194, 2017 (Peer-Reviewed Journal)
- VIII. An Overview on Nanotoxicology
Yalçın Eniş İ., Küçükali Öztürk M., Sezgin H., İşmar Şir E.
Engineering Sciences (NWSAENS), vol.12, no.1, pp.57-65, 2017 (Peer-Reviewed Journal)
- IX. AN OVERVIEW OF NANOTOXICOLOGY
YALÇIN ENİŞ İ., KÜÇÜKALİ ÖZTÜRK M., SEZGİN H., İŞMAR E.
e-Journal of New World Sciences Academy, vol.12, no.1, pp.57-65, 2017 (Peer-Reviewed Journal)
- X. Examination of the Thermo-mechanical Properties of E-Glass/Carbon Composites
SEZGİN H., BERKALP Ö. B., Mishra R., Militky J.
Textilec, 2017 (Peer-Reviewed Journal)

- XI. **Investigation of Dynamic Mechanical Properties of Jute/Carbon Reinforced Composites**
Sezgin H., Berkalp Ö. B., Mishra R., Militky J.
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, no.10, pp.1492-1495, 2016 (Peer-Reviewed Journal)
- XII. **Investigation of Heating Behaviour of E-textile Structures**
Sezgin H., Kurşun Bahadır S., Böke Y. E., Kalaoğlu F.
International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering, vol.9, no.5, pp.474-477, 2015 (Peer-Reviewed Journal)
- XIII. **Re evaluation of Cotton and E glass Fibre Wastes In The Manufacture of Hybrid Composites**
SEZGİN H., YALÇIN İ., BERKALP Ö. B.
Journal of International Scientific Publications: Materials Methods & Technology, vol.6, no.2, pp.296-302, 2012 (Peer-Reviewed Journal)
- XIV. **Re-Evaluation of Cotton and E-Glass Fibre Fabric Wastes in the Manufacture of Hybrid Composites**
Sezgin H., Yalçın Eniş İ., Berkalp Ö. B.
Journal of International Scientific Publications: Materials Methods & Technology, vol.6, no.2, pp.296-302, 2012 (Peer-Reviewed Journal)
- XV. **Nanomaterials in Textile Applications**
Sezgin H., Yalçın Eniş İ., Küçükali Öztürk M., Kızıldağ N.
Journal of International Scientific Publications: Materials Methods & Technology, vol.6, no.2, pp.303-3017, 2012 (Peer-Reviewed Journal)
- XVI. **Altı Sigma Araçları ile Bir Üretim Bandında Verimlilik Analizi Efficiency Analysis of a Production Line With Six Sigma Tools**
SEZGİN H., Civelek Ö., HELİN ÖZGE S., KALAOĞLU F.
Tekstil Teknoloji, vol.14, pp.72-81, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Hydrogel-based vascular grafts: State of art**
ÖZTEMUR J., ÖZDEMİR S., SEZGİN H., YALÇIN ENİŞ İ.
in: Sustainable Hydrogels, Sabu Thomas, Bhasha Sharma, Purnima Jain, Shashank Shekhar, Editor, Elsevier, pp.397-442, 2023
- II. **Turning Plastic Wastes Into Textile Products**
Sezgin H., Yalçın Eniş İ.
in: Handbook of Solid Waste Management: Sustainability through Circular Economy, Chinnappan Baskar, Seeram Ramakrishna, Shikha Baskar, Rashmi Sharma, Amutha Chinnappan, Rashmi Sehrawat, Editor, Springer Nature, Singapore, pp.1257-1283, 2022
- III. **Overview of Biocomposites with Plant-derived Components in Terms of Matrix and Reinforcement Materials**
YALÇIN ENİŞ İ., SEZGİN H.
in: Theory and Research in Engineering, Hayaloğlu, Adnan, Editor, GECE KİTAPLIĞI YAYINEVİ, Ankara, pp.145-166, 2020
- IV. **Risks and Management of Textile Waste**
YALÇIN ENİŞ İ., KÜÇÜKALI ÖZTÜRK M., SEZGİN H.
in: Nanoscience and Biotechnology for Environmental Applications, K M Gothandam, Shivendu Ranjan Nandita Dasgupta, Eric Lichtfouse, Editor, Springer KB, pp.29-53, 2019
- V. **Textile-Reinforced Composites for the Automotive Industry**
Sezgin H., Berkalp Ö. B.
in: Composites and Advanced Materials for Industrial Applications, K. Kumar; Paulo Davim, Editor, Ici Global Publications, -, pp.129-156, 2018
- VI. **Interface Enhanced Textile Reinforced Composites With Polyacrylonitrile Nanofibrous Webs**

YALÇIN ENİŞ İ., KÜÇÜKALI ÖZTÜRK M., SEZGİN H., BERKALP Ö. B.

in: Current Academic Studies in Engineering Sciences, Serdar Salman, Rıdvan karapınar, duygu kavak, ali kılıçer, Editor, IVPE, pp.1451-1459, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **INFLUENCE OF POLYMER TYPE AND BLENDING ON MECHANICAL PROPERTIES OF COAXIAL ELECTROSPUN VASCULAR GRAFTS**
Özdemir S., Öztemur J., Sezgin H., Yalçın Eniş İ.
NANOCON, Brno, Czech Republic, 18 October - 20 December 2023, pp.1-6
- II. **The Effect Polymer Type and Fiber Orientation on the Compliance Properties of Electrospun Vascular Grafts**
Özdemir S., Öztemur J., Sezgin H., Yalçın Eniş İ.
STRUTEX-23th Structure and Structural Mechanics of Textiles, Liberec, Czech Republic, 30 November 2022, pp.91-96
- III. **A Preliminary Study Examining the Impact of Biomaterial Selection and Fiber Orientation on the Bursting Strength of Vascular Grafts**
Öztemur J., Özdemir S., Sezgin H., Yalçın Eniş İ.
STRUTEX-23th Structure and Structural Mechanics of Textiles, Liberec, Czech Republic, 30 November 2022, pp.97-101
- IV. **Tam Faktöriyel Deneysel Tasarım Yöntemi ile Doku İşkelesi Tasarımlarında Öne Çıkan Parametrelerin Lif Çapı Üzerindeki Etkilerinin İncelenmesi**
Özdemir S., Öztemur J., Sezgin H., Yalçın Eniş İ.
Ulusal Çukurova Tekstil Kongresi, Adana, Turkey, 29 - 30 September 2022, pp.532-539
- V. **The Investigation of the Effect of Polymer Blending and Radial Fiber Orientation on the Tensile Properties of Electrospun Tubular Vascular Prostheses**
ÖZDEMİR S., ÖZTEMUR J., SEZGİN H., YALÇIN ENİŞ İ.
CORTEP-18th Romanian Textiles and Leather Conference, Bükreş, Romania, 17 November 2022
- VI. **DEVELOPMENT OF ACOUSTIC AND THERMAL INSULATION MATERIALS FROM PANTYHOSE WASTE**
Küçükali Öztürk M., Yalçın Eniş İ., Sezgin H., Dolu C.
The 6th International Conference on Building Materials and Materials Engineering, Barcelona, Spain, 15 - 17 September 2022, pp.1-5
- VII. **Examining the Importance of Pretreatment to Capture and Analyze Microfibers from Textile Wastewater**
AKYILDIZ S. H., SEZGİN H., YALÇIN B., YALÇIN ENİŞ İ.
1st International Conference on Innovative Academic Studies (ICIAS 2022), Konya, Turkey, 10 September 2022
- VIII. **A pre-liminary study on the effect of PCL/PLA blend ratio on tensile strength of tubular vascular scaffolds**
Özdemir S., Öztemur J., Sezgin H., Yalçın Eniş İ.
1st International Conference on Innovative Academic Studies (ICIAS 2022), Konya, Turkey, 10 September 2022, pp.1070-1073
- IX. **Designing Sustainable Supportive Composite Structures with Hemp and Cotton Fibers**
DURU S., SEZGİN H., CANDAN C.
3rd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 20 July 2022
- X. **Multilevel Full Factorial Design in Optimizing Polymer Type and Blend Ratio for PLA/PCL and PLLA/PCL Electrospun Webs**
ÖZTEMUR J., ÖZDEMİR S., SEZGİN H., YALÇIN ENİŞ İ.
AUTEX 2022, Lodz, Poland, 7 - 10 June 2022
- XI. **Preliminary assesment of microfibers amount in textile wastewater**
Akyıldız S. H., Bellopede R., Fiore S., Yalçın B., Sezgin H., Yalçın Eniş İ.

- XII. **Design of an Impact Absorbing Green Composite**
Öztemur J., Sezgin H., Yalçın Eniş İ.
International Conference of Sustainable Materials and Practices for Built Environment, 25 November 2021
- XIII. **Development of 100% Recycled Thermoplastic Composites for Sound Insulated Acoustic Panels**
KÜÇÜKALI ÖZTÜRK M., YALÇIN ENİŞ İ., SEZGİN H.
The 5th International Conference on Building Materials and Materials Engineering, 24 September 2021
- XIV. **The Evaluation of Thermal Insulation Performances of 100% Recycled Thermoplastic Composites**
KÜÇÜKALI ÖZTÜRK M., YALÇIN ENİŞ İ., SEZGİN H.
AUTEX 2021, 05 September 2021
- XV. **Investigation of Polymer Concentration on Physical and Morphological Properties of PLLA Based Fibrous Structures**
ÖZDEMİR S., ÖZTEMUR J., SEZGİN H., YALÇIN ENİŞ İ.
International Conference on Radiation Applications, 06 September 2021
- XVI. **Mechanical Analysis of Laminated Structures Consisting of Denim Fabric and Recycled HDPE/LDPE Bottle Caps**
YALÇIN ENİŞ İ., SEZGİN H.
The 5th International Conference on Materials Sciences and Nanomaterials, 25 August 2021
- XVII. **Performance Analysis of Recycled Low Density Polyethylene Laminated Waste Denim Fabrics to be Used in Recycled Shopping Bags**
Sezgin H., Gelmez K., Yalçın Eniş İ.
Fifth International Online Conference on Reuse and Recycling of Materials, 11 - 13 December 2020
- XVIII. **Çevre Dostu Akustik Panel Tasarımı**
Küçükali Öztürk M., Yalçın Eniş İ., Sezgin H., Berkalp Ö. B.
İTÜ Ulusal Tekstil Kongresi ve II. AR-GE Günü, İstanbul, Turkey, 11 - 12 November 2020, pp.96-99
- XIX. **UTILIZING TEXTILE WASTES AS REINFORCEMENT MATERIALS IN CONCRETES**
SEZGİN H., YALÇIN ENİŞ İ.
5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019, İstanbul, Turkey, 17 - 19 December 2019
- XX. **THE CURING AND POST-CURING EFFECT ON DROP-WEIGHT IMPACT BEHAVIOR OF BIO-COMPOSITES**
ÖZKÜR S., SEZGİN H., YALÇIN ENİŞ İ.
5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019, İstanbul, Turkey, 17 - 19 December 2019
- XXI. **ENHANCED FIBER-MATRIX INTERFACE OF WASTE COTTON FIBER REINFORCED EPOXY COMPOSITES**
BACCOUCH W., SEZGİN H., YALÇIN ENİŞ İ., GHÍTH A., MİLED W., FATEM F.
ÇEVRE MÜHENDİSLİĞİ KAYNAK GERİ KAZANIMI ULUSLARARASI KONGRESİ, İstanbul, Turkey, 12 - 13 December 2019
- XXII. **TURNING PLASTIC WASTES INTO TEXTILE STRUCTURES**
YALÇIN ENİŞ İ., SEZGİN H.
ÇEVRE MÜHENDİSLİĞİ KAYNAK GERİ KAZANIMI ULUSLARARASI KONGRESİ, İstanbul, Turkey, 12 - 13 December 2019
- XXIII. **THE EFFECT OF BIO-RESIN CONTENT ON THE TENSILE PROPERTIES OF JUTE FABRIC REINFORCED EPOXY COMPOSITES**
ÖZKÜR S., SEZGİN H., YALÇIN ENİŞ İ.
4nd International Conference on Material Science and Technology in Kızılcahamam (IMSTEC'19), Ankara, Turkey, 18 - 20 October 2019
- XXIV. **ARTAN BİYO-REÇİNE ORANININ JÜT TAKVİYELİ EPOKSİ KOMPOZİTLERİN DARBE DAVRANIŞINA ETKİSİ**
ÖZKÜR S., SEZGİN H., YALÇIN ENİŞ İ.
UÇTEK 2019 Ulusal Çukurova Tekstil Kongresi, Adana, Turkey, 26 - 27 September 2019

- XXV. **Human Hair Fiber as a Reinforcement Material in Composite Structures**
SEZGİN H., YALÇIN ENİŞ İ.
ISAS 2018 Winter, Samsun, Turkey, 30 November - 02 December 2018
- XXVI. **Statistical Analysis of Effects of Some Essential Parameters on Impact Properties of Fabric-Based Hybrid Composites**
SEZGİN H., BERKALP Ö. B.
ISAS 2018 Winter, Samsun, Turkey, 30 November - 02 December 2018
- XXVII. **Mechanical evaluation of textile waste filled epoxy composites**
YALÇIN ENİŞ İ., SEZGİN H.
EurasianSciEnTech 2018, Ankara, Turkey, 22 - 23 November 2018
- XXVIII. **Interface Enhanced Textile Reinforced Composites with Polyacrylonitrile Nanofibrous Webs**
YALÇIN ENİŞ İ., KÜÇÜKALI ÖZTÜRK M., SEZGİN H., BERKALP Ö. B.
International Symposium on Multidisciplinary Studies, Ankara, Turkey, 16 - 17 November 2018
- XXIX. **Improvement of Mechanical Properties of Jute/E-glass Fabric Reinforced Hybrid Composites**
Sezgin H., Berkalp Ö. B.
18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.621-624
- XXX. **Production of Compost from Cotton Waste**
YALÇIN ENİŞ İ., SEZGİN H., ÖZKÜR S.
AUTEX 2018, 20 - 22 June 2018
- XXXI. **Production of Compost from Cotton Wastes**
Yalçın Eniş İ., Sezgin H., Özkür S.
18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.1037-1040
- XXXII. **Design of Textile Reinforced Composite Structures by Utilizing LDPE Bottle Caps**
Yalçın Eniş İ., Sezgin H., Küçükali Öztürk M., Gök Sadıkoğlu Ü. T.
18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.615-617
- XXXIII. **Plant Oil-Based Biocomposites**
Sezgin H., Yalçın Eniş İ.
18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.933-936
- XXXIV. **The Effects of Different Types of MWCNTs on the Mechanical Properties of Textile-Based Composites**
Sezgin H., Berkalp Ö. B.
8th International İstanbul Textile Conference - Evolution Technical Textile (ETT2018), İstanbul, Turkey, 14 - 16 April 2018, pp.1-4
- XXXV. **Utilizing Recycled High Density Polyethylene Caps of Polyethylene Terephthalate Bottles in Composite Plates**
Yalçın Eniş İ., Sezgin H., Küçükali Öztürk M., Gök Sadıkoğlu Ü. T.
8th International İstanbul Textile Conference - Evolution Technical Textile (ETT2018), İstanbul, Turkey, 14 - 16 April 2018, pp.1-4
- XXXVI. **Textile Based Materials For Wound Healing Applications**
SEZGİN H., KIZILDAĞ N., KÜÇÜKALI ÖZTÜRK M., YALÇIN ENİŞ İ.
EGEMEDITEX 2017, İzmir, Turkey, 26 - 28 October 2017
- XXXVII. **Fibrous scaffolds for peripheral nerve regeneration**
SEZGİN H., KIZILDAĞ N., KÜÇÜKALI ÖZTÜRK M., YALÇIN ENİŞ İ.
EGEMEDITEX 2017, İzmir, Turkey, 26 - 28 October 2017
- XXXVIII. **Effect Of Different Stacking Sequences Of Fabric Plies On The Thermo-Mechanical Properties Of Hybrid Composites**
SEZGİN H., BERKALP Ö. B., Mishra R., Militky J.
XIVth International Izmir Textile and Apparel Symposium, 26 - 28 October 2017
- XXXIX. **Examination of the Thermo-mechanical Properties of E-Glass/Carbon Composites**
SEZGİN H., BERKALP Ö. B., Mishra R., Militky J.
9th Central European Conference (Fibre – Grade Polymers, Chemical Fibres and Special Textiles), 11 - 13 September 2017

- XL. **Investigation of Dynamic Mechanical Properties of Jute Carbon Reinforced Composites**
SEZGİN H., BERKALP Ö. B., Mishra R., Militky J.
18th International Conference on Composite Materials, 26 - 27 December 2016
- XLI. **Dynamic Mechanical Analysis of Jute/E-Glass Composite Structures**
Berkalp Ö. B., Sezgin H., Mishra R., Militky J.
CHEMTECH 16/ 4th International Chemical Engineering and Technologies Conference, İstanbul, Turkey, 17 - 18 November 2016, pp.29-32
- XLII. **An Overview of Nanotoxigology**
YALÇIN İ., KÜÇÜKALI ÖZTÜRK M., SEZGİN H., İŞMAR E.
International Science Symposium, 1 - 04 September 2016
- XLIII. **Spider Silk in Textile Industry**
Sezgin H., Yalçın Eniş İ.
Advances in Material Engineering, Liberec, Czech Republic, 1 - 02 December 2015, pp.1-5
- XLIV. **Examination of Stacking Sequence Effect on Mechanical Properties of Woven Glass/Jute Hybrid Composites**
Sezgin H., Berkalp Ö. B.
5th International Istanbul Textile Congress 2015: Innovative Technologies "Inspire to Innovate", İstanbul, Turkey, 11 - 12 September 2015, pp.1-5
- XLV. **Investigation of the Mechanical Properties of Glass/Carbon Hybrid Composites**
Sezgin H., Berkalp Ö. B.
Applied Mechanics and Materials Conference 2015, Washington, United States Of America, 29 June - 01 July 2015, pp.1
- XLVI. **Mechanical Properties of Woven Jute Carbon Hybrid Composites**
SEZGİN H., BERKALP Ö. B.
15th AUTEX World Textile Conference, 10 - 12 June 2015
- XLVII. **Mechanical Properties of Woven Jute-Glass Hybrid Composites**
Sezgin H., Berkalp Ö. B.
15th AUTEX World Textile Conference, Büreş, Romania, 10 - 12 June 2015, pp.1-4
- XLVIII. **Tekstil Sektöründe Organik Pamuk**
Yalçın Eniş İ., Sezgin H., Küçükali Öztürk M., Kızıldağ N.
15. Tekstil Teknolojisi ve Kimyasındaki Son Gelişmeler Sempozyumu, Bursa, Turkey, 14 - 16 May 2015, pp.1-5
- XLIX. **Tıbbi Tekstillerde Nanoteknoloji**
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