

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 (YI), 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.
TEKSTİL 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., Berk 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 Sehwat, 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., KÜÇÜKALİ 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., KÜÇÜKALİ 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 I.
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 I.
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 İskelesi Tasarımlarında Öne Çıkan Parametrelerin Lif Çapı Üzerindeki Etkilerinin İncelenmesi**
Özdemir S., Öztemur J., Sezgin H., Yalçın Eniş I.
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 I.
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**
KÜÇÜKALİ 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**
KÜÇÜKALİ 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., GHITH A., MILED W., FATEN 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., KÜÇÜKALİ 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., KÜÇÜKALİ ÖZTÜRK M., YALÇIN ENİŞ İ.
EGEMEDITEX 2017, İzmir, Turkey, 26 - 28 October 2017
- XXXVII. **Fibrous scaffolds for peripheral nerve regeneration**
SEZGİN H., KIZILDAĞ N., KÜÇÜKALİ 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 Nanotoxicology**
YALÇIN İ., KÜÇÜKALİ 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 AUTEK World Textile Conference, 10 - 12 June 2015
- XLVII. Mechanical Properties of Woven Jute-Glass Hybrid Composites**
Sezgin H., Berkalp Ö. B.
15th AUTEK World Textile Conference, Bükreş, 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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Publication: 114

Citation (WoS): 59

Citation (Scopus): 127

H-Index (WoS): 6

H-Index (Scopus): 8