

## Prof. ABDULKADİR BİLİŞİK

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### International Researcher IDs

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ScopusID: 29667463600

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### Education Information

Post Doctorate, North Carolina State University, Mühendislik, Department Of Textile Engineering, Chemistry And Science, United States Of America 1992 - 1994

Doctorate, University of Leeds, Mühendislik, Industrial Textiles, United Kingdom 1988 - 1992

Postgraduate, Ege University, Faculty Of Engineering, Tekstil Mühendisliği, Turkey 1984 - 1986

Undergraduate, Uludağ Üniversitesi, Mühendislik, Tekstil Mühendisliği, Turkey 1977 - 1982

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Foreign Language, LANGUAGE COURSE, ENGLISH AS A FOREIGN LANGUAGE UNIT/LEEDS UNIVERSITY/UK, 1988

Foreign Language, İNGİLİZCE DİL KURSU, AKADEMİ DİL/ALSANCAK-İZMİR, 1987

Foreign Language, İNGİLİZCE DİL KURSU, YÜKSEK ÖĞRETİM KURUMU DİL KURSU/EGE

ÜNİVERSİTESİ/BORNOVA/İZMİR, 1986

Foreign Language, DİL KURSU, ENGLISH CENTER/MONTRÖ/İZMİR, 1985

### Dissertations

Doctorate, Multiaxis Three Dimensional Weaving, North Carolina State University, College Of Textiles, Department Of Textile Engineering, Chemistry And Science, 1994

Doctorate, Three Dimensional Weaving and Braiding, University Of Leeds, Engineering Faculty, Department Of Textile Industries, 1992

Postgraduate, Carding of mohair fibers at continental card system and investigation of possibility of reducing kemp, Ege Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği, 1986

## Research Areas

Mechanical Engineering, Construction and Manufacturing, Machine Design, Mechanical, Fracture Mechanics, Mechanical Testing, Textile Engineering and Technology, Textile Materials, Yarn Technology (Spinning, weaving, knitting), Cloth Technology, Textile Machinery, Aeronautical and Space Engineering, Metallurgical and Materials Engineering, Material science and engineering, Mechanical Properties, Composites, Polymeric Materials, Aeronautical Engineering , Material Technologies, Non Metallic Materials Materials, Engineering and Technology

## Academic Titles / Tasks

Professor, Erciyes University, Mühendislik Fakültesi, Tekstil Mühendisliği, 2002 - Continues  
Associate Professor, North Carolina State University, 3Tex Inc, Process And Product Development, 1999 - 2002  
Associate Professor, Ege University, Faculty Of Engineering, Tekstil Mühendisliği, 1996 - 2002  
Assistant Professor, Ege University, Faculty Of Engineering, Tekstil Mühendisliği, 1991 - 1996  
Assistant Professor, North Carolina State University, College Of Textiles, Department Of Textile Engineeirng, Chemistry And Science, 1992 - 1995

## Academic and Administrative Experience

Erciyes Üniversitesi, Tekstil Mühendisliği, Tekstil Teknolojisi, 2005 - Continues  
Erciyes Üniversitesi, Tekstil Mühendisliği, Tekstil Teknolojisi, 2002 - Continues  
Erciyes University, 2002 - Continues  
Erciyes University, 2002 - Continues

## Courses

SCIENTIFIC RESEARCH TECHNIQUES AND ETHICS, Postgraduate, 2023 - 2024  
İŞYERİ EĞİTİMİ, Undergraduate, 2023 - 2024  
ÇOKEKSENLİ ÜÇ BOYUTLU (3D) LİF ESASLI YAPILAR, Doctorate, 2022 - 2023  
Dokuma Kumaş Teknolojisi , Undergraduate, 2011 - 2012, 2010 - 2011  
Carpet Technology , Undergraduate, 2011 - 2012, 2010 - 2011  
Sandviç Yapılar , Doctorate, 2011 - 2012, 2010 - 2011  
Mühendis ve Etik , Postgraduate, 2011 - 2012, 2010 - 2011  
Tekstil Mekaniği-II , Postgraduate, 2011 - 2012, 2010 - 2011  
Tekstil Yapısal Kompozitlerde Özel Konular , Doctorate, 2011 - 2012  
Balistik Kumaşlara Giriş , Postgraduate, 2011 - 2012, 2010 - 2011  
Tekstil Mekaniği-I , Postgraduate, 2011 - 2012, 2010 - 2011  
Tekstil Mühendisliğine Giriş , Undergraduate, 2011 - 2012, 2010 - 2011  
Tekstil Tasarımı , Undergraduate, 2011 - 2012, 2010 - 2011  
Saç Örgüler, Postgraduate, 2010 - 2011  
Üç boyutlu dokuma teknolojileri, Postgraduate, 1998 - 1999  
Uzmanlık alan dersi, Postgraduate, 1997 - 1998  
Saçörgü teknolojileri, Postgraduate, 1997 - 1998  
Tez çalışması, Postgraduate, 1997 - 1998  
Dokumacılık- Örmecilik Esasları, Undergraduate, 1995 - 1996  
Bitirme Ödevi, Undergraduate, 1995 - 1996  
Mesleki Teknik İngilizce, Undergraduate, 1994 - 1995

## Advising Theses

- BİLİŞİK A., Developments of PAN based carbon/phenolic MWCNTs composites and characterization of their thermo-mechanical properties, Doctorate, B.Kalebayır(Student), Continues
- Bilişik A., Nano katkılı tekstil kompozitlerin elektrik geçirgenlik özelliklerinin deneysel belirlenmesi, Postgraduate, A.Çidem(Student), Continues
- Bilişik A., Halıların tekrarlı yıkamalarında hav lifi kaybının ve hav ipliği dayanımının pull-out yöntemi ile incelenmesi, Postgraduate, Z.Tungut(Student), 2022
- Bilişik A., Biyobozunur lif esaslı 3D dokuma ve 3D saç örgü yapılarından yapay organ geliştirilmesi, Postgraduate, Ö.Akyürek(Student), 2019
- BİLİŞİK A., Pulcuksuz yünlü kumaşın sürtünme özelliklerinin iplik çekme(yarn pull-out) yöntemi ile belirlenmesi, Doctorate, G.Güler(Student), 2016
- BİLİŞİK A., Üç boyutlu (3D) dairesel saç örgüler: Aksiyal ring metodu (Bilişik saç örgü), Postgraduate, G.Memiş(Student), 2016
- BİLİŞİK A., Çok Eksende Dikişli / Nano Katkılı Kompozit Yapıların Mekanik ve Balistik Özellikleri, Doctorate, N.Şahbaz(Student), 2015
- BİLİŞİK A., Kesişmesiz dokuda yüksek modüllü lif/poliüretan katı panellerin geliştirilmesi ve özelliklerinin belirlenmesi, Postgraduate, B.Kalebayır(Student), 2014
- BİLİŞİK A., Kesişmesiz dokuda tekstil esaslı yapısal beton panellerin geliştirilmesi ve mekanik özelliklerinin karakterize edilmesi, Doctorate, H.Özdemir(Student), 2014
- Bilişik A., Üç boyutlu (3D) dairesel saç örgüler ve geometrik karakteristikleri, Doctorate, N.Şahbaz(Student), 2013
- BİLİŞİK A., Aramid/kıvamlı kaygan akışkan(STF) balistik yapıların geliştirilmesi ve karakterize edilmesi, Doctorate, B.Yılmaz(Student), 2013
- BİLİŞİK A., Karbon (PAN) kumaşların sürtünme özellikleri, Postgraduate, H.Kundak(Student), 2013
- BİLİŞİK A., Çok katlı nanolu ve dikişli E-cam/polyester dokuma kumaşlı kompozitlerin geliştirilmesi ve mekanik özelliklerinin deneysel belirlenmesi, Doctorate, G.Yolaçan(Student), 2013
- BİLİŞİK A., Dokuma kumaşta tutunma-kayma özelliklerinin incelenmesi, Doctorate, B.Yıldırım(Student), 2012
- BİLİŞİK A., GENEL AMAÇLI ESNEK TEKSTİL LAMNİA YAPILARININ GELİŞTİRİLMESİ, Postgraduate, A.Büyükkaya(Student), 2012
- BİLİŞİK A., Floklu kumaşların dayanım özellikleri, Doctorate, Y.Turhan(Student), 2011
- BİLİŞİK A., YAPAY LİF ESASLI İPLİKLERİN ÇEKME DAYANIMININ KUMAŞA TRANSFERİNİN İNCELENMESİ, Postgraduate, H.Dağışan(Student), 2011
- BİLİŞİK A., Dokuma kumaşların mekanik özelliklerinin istatistiksel modellenmesi, Doctorate, O.Demiryürek(Student), 2010
- BİLİŞİK A., ÜÇ BOYUTLU (3D) SAÇ ÖRGÜLERİN TOPOLOJİK ESASLI GEOMETRİK KARAKTERİSTİĞİ VE BİRİM HÜCRELERİN BİLGİSAYAR UYGULAMALARI, Postgraduate, N.Şahbaz(Student), 2009
- BİLİŞİK A., ARAMİD KUMAŞ ÖZELLİKLERİNE BAĞLI İPLİK ÇEKME (YARN PULL-OUT) TESTİ İLE ÇOK KATLI DİKİŞLİ YAPILARIN BALİSTİK PERFORMANSININ DENEYSEL BELİRLENMESİ, Postgraduate, M.Korkmaz(Student), 2009
- BİLİŞİK A., KESİŞMESİZ GELİŞTİRİLMİŞ CAM / POLYESTER ÖNŞEKİLLİ KOMPOZİT YAPILARIN PERFORMANSLARININ DENEYSEL BELİRLENMESİ, Postgraduate, B.Yılmaz(Student), 2009
- BİLİŞİK A., KİLİM DESENİ DENİM KUMAŞ TASARIMI VE ÖZELLİKLERİNİN BELİRLENMESİ, Postgraduate, F.Demir(Student), 2007
- BİLİŞİK A., Balistik kumaşların tasarımı ve bilgisayar uygulamaları, Postgraduate, Y.Turhan(Student), 1999

## Jury Memberships

- Committee Of Expert, Committee Of Expert, Ege Üniversitesi, January, 2021
- Committee Of Expert, Committee Of Expert, Bursa Uludağ Üniversitesi, January, 2021
- Committee Of Expert, Committee Of Expert, Sivas Cumhuriyet Üniversitesi, January, 2020
- Committee Of Expert, Committee Of Expert, Erciyes Üniversitesi, January, 2019

Committee Of Expert, Committee Of Expert, İstanbul Teknik Üniversitesi, January, 2017  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, İstanbul Teknik Üniversitesi, January, 2016  
Committee Of Expert, Committee Of Expert, International Expert-Evaluators for the Certification of National Research and Development Institute Textile and Leather at Bucharest/Romania (INCDTP-Bucharest), January, 2013  
Committee Of Expert, Committee Of Expert, The Natural Sciences and Engineering Research Council of Canada (NSERC), January, 2013  
Associate Professor Exam, Doçentlik sınav jürisi, Erciyes Üniversitesi, June, 2011  
Appointment to Academic Staff-Assistant Professorship, Profesörlük kadrosuna atama, Erciyes Üniversitesi, January, 2010  
Committee Of Expert, Committee Of Expert, National Technology Management at Turkey (TUBITAK – TEYDEB), January, 2009  
Doctorate, Doktora tez jürisi, Erciyes Üniversitesi, June, 2006  
Committee Of Expert, Committee Of Expert, National Science Foundation at Turkey (TUBITAK-BİDEB), January, 2004  
Committee Of Expert, Committee Of Expert, TÜBİTAK, January, 2003  
Post Graduate, Yüksek lisans tez jürisi, Ege Üniversitesi, February, 1999

## Taught Courses And Trainings

Bilişik A., Interdisciplinary studies in Textiles: Innovative research examples, 2024 - 2024  
Bilişik A., Recent advances in technical textiles, 2017 - 2017  
Bilişik A., Innovation in technical textiles and innovation examples, 2017 - 2017

## Education Infrastructure Information

Bilişik A., Tekstil Mühendisliği Atölyesi, June 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Epoxy/Graphene Nanoplatelet (GNP) Nanocomposites: An Experimental Study on Tensile, Compressive, and Thermal Properties**  
Akter M., Ozdemir H., Bilişik A.  
POLYMERS, vol.16, no.11, pp.1-28, 2024 (SCI-Expanded)
- II. **Properties of multi-walled carbon nanotubes grown three-dimensional (3D) woven carbon/epoxy multiscale composites: Experimental study**  
Bilişik A., Seyduzzaman M.  
MATERIALS TODAY COMMUNICATIONS, vol.38, pp.1-46, 2024 (SCI-Expanded)
- III. **Nomination and commentary on: "Analysis of yarn motion in single-nozzle air-jet filling insertion. Part I: theoretical models for yarn motion, by Adanur S., & Mohamed M. H., Journal of the Textile Institute, 83:1, 45–55, 1992, and published online on 01 Dec 2008,**  
<https://doi.org/10.1080/00405009208631174>  
Bilişik A.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.114, no.6, pp.897-898, 2023 (SCI-Expanded)
- IV. **Textured Polyester Fiber in Three-Dimensional (3D) Carpet Structure Application: Experimental Characterizations under Compression-Bending-Abrasion-Rubbing Loading**  
Güler G., Bilişik A., Yücel S.  
POLYMERS, vol.15, no.14, pp.1-26, 2023 (SCI-Expanded)
- V. **Development of Three-Dimensional (3D) Biodegradable Poly-glycolic acid fiber (PGA) Preforms for**

**Scaffold Applications: Experimental Patterning and Fiber Volume Fraction-Porosity Modeling Study**

Bilişik A., Kundak H.

POLYMERS, vol.15, no.9, pp.1-31, 2023 (SCI-Expanded)

- VI. **Graphene nanocomposites: A review on processes, properties, and applications**  
Bilişik A., Akter M.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.3, pp.3718-3766, 2022 (SCI-Expanded)
- VII. **Graphene nanocomposites: A review on processes, properties, and applications**  
Bilisik K., Akter M.  
Journal of Industrial Textiles, vol.51, no.3\_suppl, 2022 (SCI-Expanded)
- VIII. **Polymer nanocomposites based on graphite nanoplatelets (GNPs): a review on thermal-electrical conductivity, mechanical and barrier properties**  
Bilişik A., Akter M.  
JOURNAL OF MATERIALS SCIENCE, vol.57, no.15, pp.7425-7480, 2022 (SCI-Expanded)
- IX. **Developments of multi-nanostitched 3D carbon/epoxy nanocomposites: Tensile/shear and interlaminar properties**  
Bilişik A., Güler G., Şahbaz Karaduman N., Sapanci E.  
Applied Composite Materials, vol.29, no.1, pp.3-26, 2022 (SCI-Expanded)
- X. **Graphene nanoplatelets/Epoxy Nanocomposites: A Review on Functionalization, Characterization techniques, Properties, and Applications**  
Bilişik A., Akter M.  
Journal Of Reinforced Plastics And Composites, vol.41, no.3-4, pp.99-129, 2022 (SCI-Expanded)
- XI. **Experimental study on angular flexural performance of multiaxis three dimensional (3D) polymeric carbon/cementitious fiber concretes**  
Bilişik A., Özdemir H.  
Polymers, vol.13, no.18, pp.1-36, 2021 (SCI-Expanded)
- XII. **A review on the production methods and applications of graphene-based materials**  
Bilişik A., Al Faruque M. A., Syduzzaman M., Sarkar J., Naebe M.  
NANOMATERIALS, vol.11, no.9, pp.1-34, 2021 (SCI-Expanded)
- XIII. **Off-Axis Flexural Properties of Multiaxis 3D Basalt Fiber Preform/Cementitious Concretes: Experimental Study**  
Ozdemir H., BİLİŞİK A.  
MATERIALS, vol.14, no.11, 2021 (SCI-Expanded)
- XIV. **Multiaxis three dimensional (3D) glass fiber preform/cementitious matrix concrete composites: Experimental characterizations by panel test**  
Bilişik A., Özdemir H.  
CEMENT AND CONCRETE COMPOSITES, vol.119, pp.1-18, 2021 (SCI-Expanded)
- XV. **Carbon nanotubes in carbon/epoxy multiscale textile preform composites: A review**  
Bilisik K., Syduzzaman M.  
POLYMER COMPOSITES, vol.42, no.4, pp.1670-1697, 2021 (SCI-Expanded)
- XVI. **Multiaxis three dimensional (3D) carbon and basalt preforms/cementitious matrix concretes: Experimental study on fiber orientation and placement by panel test**  
Bilisik K., Özdemir H.  
CONSTRUCTION AND BUILDING MATERIALS, vol.271, 2021 (SCI-Expanded)
- XVII. **Mode-II fracture of nanostitched para-aramid/phenolic nanoprepreg composites by end-notched flexure**  
Bilisik K., Erdogan G., Sapanci E., Gungor S.  
JOURNAL OF COMPOSITE MATERIALS, vol.54, no.24, pp.3537-3557, 2020 (SCI-Expanded)
- XVIII. **Plant-Based Natural Fibre Reinforced Composites: A Review on Fabrication, Properties and Applications**  
Syduzzaman M., Al Faruque M. A., Bilisik K., Naebe M.  
COATINGS, vol.10, no.10, 2020 (SCI-Expanded)

- XIX. **Short-beam shear of nanopreg/nanostitched three-dimensional carbon/epoxy multiwall carbon nanotube composites**  
Bilişik A., Karaduman N., Sapanci E.  
JOURNAL OF COMPOSITE MATERIALS, vol.54, no.3, pp.311-329, 2020 (SCI-Expanded)
- XX. **Three-dimensional nanopreg and nanostitched aramid/phenolic multiwall carbon nanotubes composites: Experimental determination of in-plane shear**  
Bilisik K., Erdogan G., Sapanci E., Gungor S.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, pp.4077-4096, 2019 (SCI-Expanded)
- XXI. **Three dimensional nanopreg and nanostitched aramid/phenolic multiwall carbon nanotubes composites: Experimental determination of in-plane shear**  
Bilişik A., Güler G., Sapanci E., Güngör S.  
Journal Of Composite Materials, vol.53, no.29, pp.4077-4096, 2019 (SCI-Expanded)
- XXII. **Mode-II toughness of nanostitched carbon/epoxy multiwall carbon nanotubes prepreg composites: Experimental investigation by using end notched flexure**  
Bilisik K., Erdogan G., Sapanci E., Gungor S.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, pp.4249-4271, 2019 (SCI-Expanded)
- XXIII. **Mode-II toughness of nanostitched carbon/epoxy multiwall carbon nanotubes prepreg composites: Experimental investigation by using end notched flexure**  
Bilişik A., Güler G., Sapanci E., Güngör S.  
Journal Of Composite Materials, vol.53, no.30, pp.4249-4271, 2019 (SCI-Expanded)
- XXIV. **In-plane shear of nanopreg/nanostitched three-dimensional carbon/epoxy multiwalled carbon nanotubes composites**  
Bilişik A., Karaduman N., Güler G., Sapanci E., Gungor S.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.24, pp.3413-3431, 2019 (SCI-Expanded)
- XXV. **In-plane shear of nanopreg/nanostitched three dimensional carbon/epoxy multiwall carbon nanotubes composites**  
Bilişik A., Güler G., Karaduman N., Sapanci E., Güngör S.  
Journal Of Composite Materials, vol.53, no.24, pp.3413-3421, 2019 (SCI-Expanded)
- XXVI. **Interlaminar shear properties of nanostitched/nanopreg aramid/phenolic composites by short beam method**  
Bilişik A., Erdogan G., Sapanci E.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.21, pp.2941-2957, 2019 (SCI-Expanded)
- XXVII. **Plain para-aramid/phenolic multiwall carbon nanotubes prepreg/multistitched preform composites: Experimental characterization of mode-I toughness**  
Bilisik K., Sapanci E.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.13, pp.1847-1864, 2019 (SCI-Expanded)
- XXVIII. **Plain para-aramid/phenolic multiwall carbon nanotubes prepreg/multistitched preform composites: Experimental characterization of mode-I toughness**  
Bilişik A., Sapanci E.  
Journal Of Composite Materials, vol.53, pp.1847-1864, 2019 (SCI-Expanded)
- XXIX. **In-plane response of para-aramid/phenolic nanostitched and nanopreg 3D composites under tensile loading**  
Bilisik K., Erdogan G., Sapanci E.  
POLYMER COMPOSITES, vol.40, no.4, pp.1275-1286, 2019 (SCI-Expanded)
- XXX. **Flexural characterization of 3D prepreg/stitched carbon/epoxy/multiwalled carbon nanotube preforms and composites**  
Bilisik K., Karaduman N. S., Sapanci E.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.5, pp.563-577, 2019 (SCI-Expanded)
- XXXI. **Tensile properties of nanopreg/nanostitched 3D carbon/epoxy MWCNTs composites**  
BİLİŞİK A., Karaduman N., Sapanci E.  
MECHANICS OF MATERIALS, vol.128, pp.11-23, 2019 (SCI-Expanded)

- XXXII. **Characterization of multi-stitched woven nano composites under compression after low velocity impact (CALVI) load**  
BİLİŞİK A.  
POLYMER COMPOSITES, vol.39, no.10, pp.3750-3764, 2018 (SCI-Expanded)
- XXXIII. **Compression after low-velocity impact (CAI) properties of multistitched composites**  
Erdoğan G., Bilisik A.  
Mechanics Of Advanced Materials And Structures, vol.25, no.8, pp.623-636, 2018 (SCI-Expanded)
- XXXIV. **Fracture Toughness (Mode-I) of Para-Aramid/Phenolic Nano Preform Composites**  
Bilisik K., Sapancı E.  
APPLIED COMPOSITE MATERIALS, vol.25, no.4, pp.877-890, 2018 (SCI-Expanded)
- XXXV. **Experimental determination of fracture toughness properties of nanostitched and nanopreg carbon/epoxy composites**  
Bilisik K., Sapancı E.  
ENGINEERING FRACTURE MECHANICS, vol.189, pp.293-306, 2018 (SCI-Expanded)
- XXXVI. **Flexural behavior of 3D para-aramid/phenolic/nano (MWCNT) composites**  
Bilişik A., Güler G., Sapancı E.  
RSC Advances, vol.8, no.13, pp.7213-7224, 2018 (SCI-Expanded)
- XXXVII. **Compression after low-velocity impact (CAI) properties of multistitched composites**  
Erdogan G., Bilisik K.  
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.25, no.8, pp.623-636, 2018 (SCI-Expanded)
- XXXVIII. **Flexural behavior of 3D para-aramid/phenolic/nano (MWCNT) composites**  
Bilişik A., Güler G., Sapancı E.  
RSC ADVANCES, vol.8, pp.7213-7224, 2018 (SCI-Expanded)
- XXXIX. **Two-dimensional (2D) fabrics and three-dimensional (3D) preforms for ballistic and stabbing protection: A review**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, vol.87, no.18, pp.2275-2304, 2017 (SCI-Expanded)
- XL. **Developments of Multistitched 3D Nano Composite and Evaluation of Its Mechanical and Impact Properties**  
BİLİŞİK A., Özdemir H., Kaya G.  
AUTEX RESEARCH JOURNAL, vol.17, no.3, pp.238-249, 2017 (SCI-Expanded)
- XLI. **DEVELOPMENT OF MULTISTITCHED THREE-DIMENSIONAL (3D) NANOCOMPOSITE AND EVALUATION OF ITS MECHANICAL AND IMPACT PROPERTIES**  
Bilisik K., Ozdemir H., Kaya G.  
AUTEX RESEARCH JOURNAL, vol.17, no.3, pp.238-249, 2017 (SCI-Expanded)
- XLII. **Tensile/Shear Behaviour of Multi-stitched/Nano Composites**  
Bilisik K., Kaya G.  
JOURNAL OF ELECTRONIC MATERIALS, vol.46, no.7, pp.3987-3994, 2017 (SCI-Expanded)
- XLIII. **Fiber Architectures for Composite Applications**  
Bilisik K., Karaduman N. S., Bilisik N. E.  
FIBROUS AND TEXTILE MATERIALS FOR COMPOSITE APPLICATIONS, pp.75-134, 2016 (SCI-Expanded)
- XLIV. **Interlaminar shear strength properties of multistitched preform nano composites**  
BİLİŞİK A., Özdemir H., Kaya G. Y.  
INDUSTRIA TEXTILA, vol.67, no.2, pp.127-134, 2016 (SCI-Expanded)
- XLV. **In-Plane Shear Properties of Multistitched Nano Composites by Bias Tensile Test**  
Bilisik K., Kaya G. Y.  
FIBERS AND POLYMERS, vol.16, no.12, pp.2636-2644, 2015 (SCI-Expanded)
- XLVI. **Short beam strength properties of multistitched biaxial woven E-glass/polyester nano composites**  
Bilisik K., Yolaçan G.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.45, no.2, pp.199-221, 2015 (SCI-Expanded)
- XLVII. **Warp-weft directional bending properties of multistitched biaxial woven E-glass/polyester nano**

## **composites**

Bilisik K., Yolacan G.

JOURNAL OF INDUSTRIAL TEXTILES, vol.45, no.1, pp.66-100, 2015 (SCI-Expanded)

### **XLVIII. EFFECT OF FABRIC WEAVE ON STICK-SLIP PROPERTIES OF WOVEN FABRICS**

Bilisik K.

AUTEX RESEARCH JOURNAL, vol.14, no.3, pp.205-217, 2014 (SCI-Expanded)

### **XLIX. Weft directional stick-slip force of yarn pullout in para-aramid fabric for ballistics**

Bilisik K., YILDIRIM B.

JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.27, no.9, pp.1167-1191, 2014 (SCI-Expanded)

### **L. Low-velocity impact characterization of multistitched woven E-glass/polyester nano/micro composites**

Bilisik K., Yolacan G.

TEXTILE RESEARCH JOURNAL, vol.84, no.13, pp.1411-1427, 2014 (SCI-Expanded)

### **LI. Experimental characterization of multistitched two-dimensional (2D) woven E-glass/polyester composites under low-velocity impact load**

Bilisik K., Yolacan G.

JOURNAL OF COMPOSITE MATERIALS, vol.48, no.17, pp.2145-2162, 2014 (SCI-Expanded)

### **LII. Warp and Weft Directional Tensile Properties of Multistitched Woven Fabric E-Glass/Polyester Nano Composites**

Bilisik K., Yolacan G.

FIBERS AND POLYMERS, vol.15, no.5, pp.1051-1061, 2014 (SCI-Expanded)

### **LIII. Three- dimensional circular various weave patterns in woven preform structures**

Bilisik K., Karaduman N. S., Bilisik N. E., Bilisik H. E.

TEXTILE RESEARCH JOURNAL, vol.84, no.6, pp.638-654, 2014 (SCI-Expanded)

### **LIV. Off-Axis Tensile Properties of Multistitched Plain Woven E-glass/polyester Composites**

Bilisik K., Yolacan G.

FIBERS AND POLYMERS, vol.15, no.3, pp.589-598, 2014 (SCI-Expanded)

### **LV. Experimental Off-Axis Tensile Characterization of Multistitched Woven Nano Composites**

Bilisik K., Yolacan G.

FIBERS AND POLYMERS, vol.15, no.3, pp.614-624, 2014 (SCI-Expanded)

### **LVI. Stick-slip properties of single and multiple yarn pull-out in dry and softening treated polyester satin woven. fabrics in boundary region**

Bilisik K., YILDIRIM B.

INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.26, no.1, pp.67-95, 2014 (SCI-Expanded)

### **LVII. Analysis and stick-slip properties of woven fabric in pull-out method**

Bilişik A.

INDUSTRIA TEXTILA, vol.65, no.4, pp.181-189, 2014 (SCI-Expanded)

### **LVIII. Warp and weft directional tensile properties of multistitched biaxial woven E-glass/polyester composites**

Bilisik K., Yolacan G.

JOURNAL OF THE TEXTILE INSTITUTE, vol.105, no.10, pp.1014-1028, 2014 (SCI-Expanded)

### **LIX. Three-dimensional fully interlaced woven preforms for composites**

Bilisik K., Karaduman N. S., Bilisik N. E., Bilisik H. E.

TEXTILE RESEARCH JOURNAL, vol.83, no.19, pp.2060-2084, 2013 (SCI-Expanded)

### **LX. Three-dimensional braiding for composites: A review**

Bilisik K.

TEXTILE RESEARCH JOURNAL, vol.83, no.13, pp.1414-1436, 2013 (SCI-Expanded)

### **LXI. Characterizations of Stick-Slip Stage of Yarn Pull-Out in Dry and Softening Treated Polyester Plain Woven Fabric**

Bilisik K., YILDIRIM B.



- FIBERS AND POLYMERS, vol.14, no.8, pp.1358-1371, 2013 (SCI-Expanded)
- LXII. **Determination of stick-slip stage of single and multiple yarn ends pull-out in para-aramid (Kevlar (R)) woven fabric**  
Bilisik K.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.43, no.1, pp.90-115, 2013 (SCI-Expanded)
- LXIII. **INVESTIGATION OF STICK-SLIP STAGE OF YARN PULL-OUT IN DRY AND SOFTENING TREATED POLYESTER RIBS WOVEN FABRIC**  
Bilisik K., YILDIRIM B.  
TEKSTİL VE KONFEKSİYON, vol.23, no.3, pp.247-254, 2013 (SCI-Expanded)
- LXIV. **Properties of Stick-Slip Stage of Yarn Pull-Out in Para-Aramid Woven Fabric**  
Bilisik K., YILDIRIM B.  
FIBERS AND POLYMERS, vol.14, no.4, pp.630-638, 2013 (SCI-Expanded)
- LXV. **Determination of Para-Aramid Single Fabric Shear by Yarn Pull-Out and Analysis by Statistical Model**  
Bilisik K.  
FIBERS AND POLYMERS, vol.14, no.4, pp.603-615, 2013 (SCI-Expanded)
- LXVI. **Analysis and in-plane shear characterization of polyester plain fabric by yarn pull-out method**  
Bilisik K.  
FIBERS AND POLYMERS, vol.14, no.3, pp.473-481, 2013 (SCI-Expanded)
- LXVII. **Analyses and statistical modeling of crimp extension stage of single and multiple yarn ends pull-out in textured polyester woven fabric**  
Bilisik K., DEMİRYÜREK O., Yolacan G.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.42, no.3, pp.319-339, 2013 (SCI-Expanded)
- LXVIII. **Stick-slip behavior of para-aramid (Twaron (R)) fabric in yarn pull-out**  
Bilisik K.  
TEXTILE RESEARCH JOURNAL, vol.83, no.1, pp.13-33, 2013 (SCI-Expanded)
- LXIX. **Effects of Sample Dimensions on Pull-Out Properties of Woven Fabric Structures**  
Bilisik K., Demiryürek O.  
FIBERS AND POLYMERS, vol.13, no.10, pp.1326-1334, 2012 (SCI-Expanded)
- LXX. **IN-PLANE SHEAR PROPERTIES OF RIBS FABRIC BY YARN PULL-OUT**  
BİLİŞİK A.  
TEKSTİL VE KONFEKSİYON, vol.22, no.4, pp.301-308, 2012 (SCI-Expanded)
- LXXI. **Shear characterization of para-aramid (Twaron (R)) fabric by yarn pull-out method**  
Bilisik K.  
TEXTILE RESEARCH JOURNAL, vol.82, no.14, pp.1442-1456, 2012 (SCI-Expanded)
- LXXII. **In-plane shear properties of para-aramid (Kevlar (R)) fabric by yarn pull-out method**  
BİLİŞİK A.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.42, no.1, pp.76-96, 2012 (SCI-Expanded)
- LXXIII. **In-plane shear properties of polyester satin fabric by yarn pull-out method**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, vol.82, no.12, pp.1263-1281, 2012 (SCI-Expanded)
- LXXIV. **EXPERIMENTAL CHARACTERIZATION OF SINGLE AND MULTIPLE YARN-ENDS PULL-OUT PROPERTIES OF TEXTURED POLYESTER FABRICS**  
Bilisik K., KORKMAZ M.  
TEKSTİL VE KONFEKSİYON, vol.22, no.3, pp.223-230, 2012 (SCI-Expanded)
- LXXV. **Experimental Determination of Bending Behavior of Multilayered and Multistitched E-Glass Fabric Structures**  
BİLİŞİK A., YOLAÇAN G.  
TEXTILE RESEARCH JOURNAL, pp.1038-1049, 2012 (SCI-Expanded)
- LXXVI. **Experimental determination of bending behavior of multilayered and multidirectionally-stitched E-Glass fabric structures for composites**  
Bilisik K., Yolacan G.

- TEXTILE RESEARCH JOURNAL, vol.82, no.10, pp.1038-1049, 2012 (SCI-Expanded)
- LXXVII. **Experimental determination of fabric shear by yarn pull-out method**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, vol.82, no.10, pp.1050-1064, 2012 (SCI-Expanded)
- LXXVIII. **Multiaxis Three Dimensional (3D) Weaving for Composites: A Review**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, 2012 (SCI-Expanded)
- LXXIX. **Multiaxis three-dimensional weaving for composites: A review**  
Bilisik K.  
TEXTILE RESEARCH JOURNAL, vol.82, no.7, pp.725-743, 2012 (SCI-Expanded)
- LXXX. **Multiaxis multilayered non-interlaced/non-Z E-glass/polyester preform and analysis of tensile properties of composite structures by statistical model**  
Bilisik K., Yilmaz B.  
TEXTILE RESEARCH JOURNAL, vol.82, no.4, pp.336-351, 2012 (SCI-Expanded)
- LXXXI. **Development of Multiaxis Multilayered Non-interlaced/Non-Z E-Glass/Polyester Preform Composites and Determination of Tensile Properties by Statistical Model**  
BİLİŞİK A., Yılmaz B.  
TEXTILE RESEARCH JOURNAL, pp.336-351, 2012 (SCI-Expanded)
- LXXXII. **Structure-unit cell-based approach on three-dimensional representative braided preforms from four-step braiding: Experimental determination of effects of structure-process parameters on predetermined yarn path**  
Bilisik K., Sahbaz N.  
TEXTILE RESEARCH JOURNAL, vol.82, no.3, pp.220-241, 2012 (SCI-Expanded)
- LXXXIII. **Experimental determination of yarn pull-out properties of para-aramid (Kevlar (R)) woven fabric**  
BİLİŞİK A.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.41, no.3, pp.201-221, 2012 (SCI-Expanded)
- LXXXIV. **Three-dimensional axial braided preforms: experimental determination of effects of structure-process parameters on unit cell**  
Bilisik K.  
TEXTILE RESEARCH JOURNAL, vol.81, no.20, pp.2095-2116, 2011 (SCI-Expanded)
- LXXXV. **Pull-out Properties of Polyester Woven Fabrics: Effects of Softening Agent and Interlacement on Single and Multiple Yarn Pull-Out Forces and Analysis by Statistical Model**  
BİLİŞİK A.  
FIBERS AND POLYMERS, vol.12, no.8, pp.1106-1118, 2011 (SCI-Expanded)
- LXXXVI. **Properties of yarn pull-out in para-aramid fabric structure and analysis by statistical model**  
Bilisik K.  
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, vol.42, no.12, pp.1930-1942, 2011 (SCI-Expanded)
- LXXXVII. **Three Dimensional (3D) Axial Braided Preforms: Experimental Determination of Effects of Structure-Process Parameters on Unit Cell**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, pp.2095-2116, 2011 (SCI-Expanded)
- LXXXVIII. **Single and multiple yarn pull-out on E-glass woven fabric structures**  
BİLİŞİK A., YOLAÇAN G.  
TEXTILE RESEARCH JOURNAL, vol.81, no.19, pp.2043-2055, 2011 (SCI-Expanded)
- LXXXIX. **Bending behavior of multilayered and multidirectional stitched aramid woven fabric structures**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, vol.81, no.17, pp.1748-1761, 2011 (SCI-Expanded)
- XC. **Tensile and Tearing Properties of Newly Developed Structural Denim Fabrics after Abrasion**  
BİLİŞİK A., YOLAÇAN G.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.19, no.5, pp.54-59, 2011 (SCI-Expanded)

- XCI. **Multiaxis multilayered non-interlaced/non-Z E-Glass/polyester preform composites and determination of flexural properties by statistical model**  
BİLİŞİK A., YOLAÇAN G.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.30, no.12, pp.1065-1083, 2011 (SCI-Expanded)
- XCII. **Analysis and Tensile Characterization of Air-Entangled Textured Polyester Woven Fabrics Depending on Interlacement and Yarn Sets**  
Bilisik K., Demiryürek O.  
FIBERS AND POLYMERS, vol.12, no.3, pp.390-398, 2011 (SCI-Expanded)
- XCIII. **Analysis and Tensile-Tear Properties of Abraded Denim Fabrics Depending on Pattern Relations Using Statistical and Artificial Neural Network Models**  
Bilisik K., Demiryürek O.  
FIBERS AND POLYMERS, vol.12, no.3, pp.422-430, 2011 (SCI-Expanded)
- XCIV. **Effect of Weaving Process on Tensile Characterization of Single and Multiple Ends of Air-Entangled Textured Polyester Yarns**  
Bilisik K., Demiryürek O.  
FIBERS AND POLYMERS, vol.12, no.3, pp.376-383, 2011 (SCI-Expanded)
- XCV. **Single and multiple yarn pull-outs on aramid woven fabric structures**  
Bilisik K., Korkmaz M.  
TEXTILE RESEARCH JOURNAL, vol.81, no.8, pp.847-864, 2011 (SCI-Expanded)
- XCVI. **Effect of interlacement frequency on the single and multiple yarn end pull-out properties of woven fabrics**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, vol.81, no.6, pp.585-597, 2011 (SCI-Expanded)
- XCVII. **Experimental determination of ballistic performance of newly developed multiaxis non-interlaced/non-Z E-glass/polyester and 3D woven carbon/epoxy composites with soft backing aramid fabric structures**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, vol.81, no.5, pp.520-537, 2011 (SCI-Expanded)
- XCVIII. **Mechanical Characterization of Flocked Fabric for Automobile Seat Cover**  
Bilisik K., Demiryürek O., Turhan Y.  
FIBERS AND POLYMERS, vol.12, no.1, pp.111-120, 2011 (SCI-Expanded)
- XCIX. **Tearing properties of upholstery flocked fabrics**  
Bilisik K., Turhan Y., Demiryürek O.  
TEXTILE RESEARCH JOURNAL, vol.81, no.3, pp.290-300, 2011 (SCI-Expanded)
- C. **Analysis and tensile characterization of flocked fabric after rubbing**  
Bilisik K., Turhan Y., Demiryürek O.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.102, no.9, pp.808-822, 2011 (SCI-Expanded)
- CI. **Multiaxis Three Dimensional (3D) Circular Woven Preforms – “Radial Crossing Weaving” and “Radial In-Out Weaving”: Preliminary investigation of feasibility of weaving and methods,**  
BİLİŞİK A.  
JOURNAL OF THE TEXTILE INSTITUTE, pp.967-987, 2010 (SCI-Expanded)
- CII. **Multilayered and Multidirectionally-stitched aramid Woven Fabric Structures: Experimental Characterization of Ballistic Performance by Considering the Yarn Pull-out Test**  
Bilisik K., KORKMAZ M.  
TEXTILE RESEARCH JOURNAL, vol.80, no.16, pp.1697-1720, 2010 (SCI-Expanded)
- CIII. **Analysis and Off-Axis Tensile Characterization of Air-Entangled Textured Polyester Woven Fabrics Depending on Unit Cell Interlacing Frequency**  
Bilisik K., DEMİRÜREK O.  
FIBERS AND POLYMERS, vol.11, no.5, pp.805-811, 2010 (SCI-Expanded)
- CIV. **Dimensional and Mechanical Characterization of Newly Developed Denim Fabrics Based on Experimentally Determined Property-Structural Pattern Relations for Upholstery Applications**

- BİLİŞİK A., Demir F.  
FIBERS AND POLYMERS, vol.11, no.3, pp.521-530, 2010 (SCI-Expanded)
- CV. **Multiaxis Three Dimensional (3D) Flat Woven Preform-Tube Carrier Weaving**  
BİLİŞİK A., Mohamed M. H.  
TEXTILE RESEARCH JOURNAL, pp.696-711, 2010 (SCI-Expanded)
- CVI. **Multiaxis Three-Dimensional Flat Woven Preforms - Tube Carrier Weaving**  
Bilisik K., Mohamed M. H.  
TEXTILE RESEARCH JOURNAL, vol.80, no.8, pp.696-711, 2010 (SCI-Expanded)
- CVII. **Multiaxis 3D Woven Preform and Properties of Multiaxis 3D Woven and 3D Orthogonal Woven Carbon/Epoxy Composites**  
BİLİŞİK A.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.29, no.8, pp.1173-1186, 2010 (SCI-Expanded)
- CVIII. **Multiaxis 3D Weaving: Comparison of Developed Two Weaving Methods (Tube-Rapier Weaving versus Tube-Carrier Weaving) and Effects of Bias Yarn Path to the Preform Properties**  
BİLİŞİK A.  
FIBERS AND POLYMERS, vol.11, no.1, pp.104-114, 2010 (SCI-Expanded)
- CIX. **Multiaxis three-dimensional circular woven preforms - "radial crossing weaving" and "radial in-out weaving": preliminary investigation of feasibility of weaving and methods**  
Bilisik K.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.101, no.11, pp.967-987, 2010 (SCI-Expanded)
- CX. **Dimensional stability of multiaxis 3D-woven carbon preforms**  
Bilişik A.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.101, no.5, pp.380-388, 2010 (SCI-Expanded)
- CXI. **Abrasion Properties of Upholstery Flocked Fabrics**  
BİLİŞİK A., YOLAÇAN G.  
TEXTILE RESEARCH JOURNAL, vol.79, no.17, pp.1625-1632, 2009 (SCI-Expanded)
- CXII. **Multidirectional Stitched Layered Aramid Woven Fabric Structures and their Experimental Characterization of Ballistic Performance**  
Bilisik A., Turhan Y.  
TEXTILE RESEARCH JOURNAL, vol.79, no.14, pp.1331-1343, 2009 (SCI-Expanded)
- CXIII. **Multiaxis Three Dimensional (3D) Flat Woven Preform (Tube Rapier Weaving) and Circular Woven Preform (Radial Crossing Weaving)**  
BİLİŞİK A., Mohamed M. H.  
TEXTILE RESEARCH JOURNAL, pp.1067-1084, 2009 (SCI-Expanded)
- CXIV. **Multiaxis Three-dimensional Flat Woven Preform (Tube Rapier Weaving) and Circular Woven Preform (Radial Crossing Weaving)**  
Bilisik K., Mohamed M. H.  
TEXTILE RESEARCH JOURNAL, vol.79, no.12, pp.1067-1084, 2009 (SCI-Expanded)
- CXV. **New Method of Weaving Multiaxis Three Dimensional Flat Woven Fabric: Feasibility of Prototype Tube Carrier Weaving**  
Bilisik A.  
FIBRES & TEXTILES IN EASTERN EUROPE, vol.17, no.6, pp.63-69, 2009 (SCI-Expanded)
- CXVI. **Property-Structure relations at ballistic fabrics**  
BİLİŞİK A.  
TEKSTİL VE KONFEKSİYON, vol.14, pp.220-222, 1997 (SCI-Expanded)
- CXVII. **Braided structures and developments of braiding technology**  
BİLİŞİK A.  
TEKSTİL VE KONFEKSİYON, vol.2, pp.108-118, 1996 (SCI-Expanded)
- CXVIII. **Developments of weaving techniques in ITMA-95**  
BİLİŞİK A.  
TEKSTİL VE KONFEKSİYON, vol.1, pp.91-98, 1995 (SCI-Expanded)

- CXIX. **Part:II Carding of Turkish mohair fibers at continental card process and removes the kemp from their content**  
Bilişik A.  
Tekstil ve konfeksiyon, vol.1, pp.11-21, 1992 (SCI-Expanded)
- CXX. **Part-I: Carding of Turkish mohair fibers at continental card process and removes the kemp from their content**  
BİLİŞİK A.  
TEKSTİL VE KONFEKSİYON, vol.6, pp.550-555, 1991 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Toughness properties of nanostitched and nanoprepreg carbon/epoxy materials**  
Bilişik A., Güler G., Sapançı E., Güngör S., Karaduman N.  
Current Trends in Fashion Technology & Textile Engineering (CTFTTE), vol.1, no.2, pp.1-4, 2017 (Peer-Reviewed Journal)
- II. **Characterizing the deformation of woven textile composites**  
BİLİŞİK A.  
SPE Plastics Research Online, pp.1-3, 2017 (Peer-Reviewed Journal)
- III. **Analysis and Experimental Determination of Yarn Pull-Out in High-Modulus Fabric Structure**  
BİLİŞİK A., ÇİNÇİK E., KORKMAZ M., YOLAÇAN G.  
International Journal of Civil Engineering and Building Materials, vol.1, pp.49, 2011 (Peer-Reviewed Journal)
- IV. **Textile Graduate Curriculum: Erciyes Approach**  
BİLİŞİK A.  
Tekstil Maraton, vol.75, pp.75-80, 2004 (Peer-Reviewed Journal)
- V. **Innovative Textile Undergraduate Curriculum**  
BİLİŞİK A.  
Tekstil Maraton, vol.72, pp.64-75, 2004 (Peer-Reviewed Journal)
- VI. **Multiaxial three-dimensional (3-D) circular weaving and multiaxial 3-D circular woven preforms for composite**  
Bilisik A.  
Advanced multilayered and fibre-reinforced composites, pp.477-387, 1998 (Scopus)
- VII. **Terry, Narrow and Circular woven fabrics and developments of fabrication techniques of those processes in ITMA-95**  
BİLİŞİK A.  
Tekstil&Teknik, vol.6, pp.68-80, 1996 (Peer-Reviewed Journal)
- VIII. **Newly developed three dimensional weaving technique**  
BİLİŞİK A.  
Tekstil&Teknik, vol.8, pp.48-66, 1994 (Peer-Reviewed Journal)
- IX. **Part IV-Textile structural composite attractive for advanced structural composite application**  
Bilişik A.  
Tekstil Teknik, no.1, pp.103-110, 1994 (Peer-Reviewed Journal)
- X. **Part III-Textile structural composite attractive for advanced structural composite application**  
Bilişik A.  
Tekstil Teknik, no.12, pp.94-103, 1993 (Peer-Reviewed Journal)
- XI. **Part II-Textile structural composites attractive for advanced structural composite applications**  
Bilişik A.  
Tekstil Teknik, no.7, pp.106-110, 1993 (Peer-Reviewed Journal)
- XII. **Part I: Textile structural composites attractive for advanced structural composite application**  
BİLİŞİK A.  
Tekstil&Teknik, vol.6, pp.97-102, 1993 (Peer-Reviewed Journal)

- XIII. **Design concept of 3D weaving machine**  
BİLİŞİK A.  
Tekstil&Teknik, vol.3, pp.51-56, 1993 (Peer-Reviewed Journal)
- XIV. **Development of 3D weaving and orthogonal weaving**  
BİLİŞİK A.  
TEKSTİL VE MÜHENDİS, vol.36, pp.306-314, 1992 (Scopus)
- XV. **3D Weaving: Definition, Classification and End-use for advanced structural composites**  
BİLİŞİK A.  
Tekstil&Teknik, vol.7, pp.99-106, 1992 (Peer-Reviewed Journal)
- XVI. **Braiding: Definition, Classification and Recent Technological development and End-use**  
BİLİŞİK A.  
Tekstil&Teknik, vol.3, pp.123-132, 1992 (Peer-Reviewed Journal)
- XVII. **Textile structural preforms for advanced composites**  
BİLİŞİK A.  
TEKSTİL VE MÜHENDİS, pp.372-382, 1991 (Scopus)

## **Books & Book Chapters**

- I. **Chapter 1: Classification of fibre reinforcement architecture**  
Bilişik A., Güler 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. **3D Braided Natural Fiber Preforms**  
Bilişik A.  
in: Multiscale Textile Preforms and Structures for Natural Fiber Composites, Mohamad Midani, Ahmed Hassanin, Tamer Hamouda and Abdel-Fattah Seyam, Editor, Elsevier Science, Oxford/Amsterdam , Massachusetts, pp.1-29, 2023
- III. **Chapter 15: Advances in ballistic protection**  
Bilişik A., Seyduzzaman M., Güler G., Korkmaz M.  
in: Functional and Technical Textiles, Subhankar Maity, Kunal Singha and Pintu Pandit, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.1-45, 2023
- IV. **Advances in ballistic protection**  
Bilişik A., Seyduzzaman M., Güler G., Korkmaz M.  
in: Functional and Technical Textiles, Subhankar Maity, Kunal Singha, Pintu Pandit, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.1-45, 2023
- V. **Chapter 22: Protective Textiles in Defense and Ballistic Protective Clothing**  
Bilişik A., Seyduzzaman M.  
in: Protective Textiles from Natural Resources, Md. Ibrahim H. Mondal, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.1-45, 2022
- VI. **Chapter 13: Knitted Geotextiles**  
Bilişik A., Md. Syduzzaman M.  
in: Advanced Knitting Technology, Subhankar Maity, Sohel Rana, Pintu Pandit and Kunal Singha, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.1-45, 2022
- VII. **Chapter 8: Bioprocessing of natural textile fibers and clothes**  
Bilişik A., Bahtiyari M. İ., Ekmekçi Körlü A.  
in: Fundamental of Natural and Renewable Fibres and Textiles, Md. Ibrahim H. Mondal, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.221-251, 2021
- VIII. **Chapter 18: Aramid fiber reinforced composites**  
Bilişik A.  
in: Fibre reinforced composites: Constituents, compatibility, perspectives and applications, Kuruvilla

Jospeh, Kristiina Oksman, Gejo George, Runcy Wilson and Saritha A, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.515-550, 2021

- IX. **Bioprocessing of natural textile fibres and clothes**  
BAHTİYARİ M. İ., KÖRLÜ A., BİLİŞİK A.  
in: Fundamentals of Natural Fibres and Textiles, Mondal Md. Ibrahim H, Editor, Woodhead Publishing - Elsevier, pp.221-262, 2021
- X. **Chapter VII: Braiding and recent developments**  
Bilişik A.  
in: Fibres to Smart Textiles: Advances in Manufacturing, Technologies, and Applications, Asis Patnaik and Sweta Patnaik, Editor, CRC, New York , New York, pp.1-25, 2020
- XI. **Chapter 7: Braiding and recent developments**  
Bilişik A.  
in: Fibres to Smart Textiles: Advances in Manufacturing, Technologies, and Applications, Patnaik A and Patnaik S, Editor, CRC, New York , New York, pp.131-152, 2020
- XII. **Chapter 16: Impact-resistant fabrics (ballistic/stabbing/slashing/spike)**  
Bilişik A.  
in: Engineering of High Performance Textiles, Menghe Miao and John Xin, Editor, Elsevier Science, Oxford/Amsterdam , Cambridge, pp.377-425, 2018
- XIII. **Application of Glass fibers in 3D preform composites**  
BİLİŞİK A., GÜLER G., Özdemir H., KORKMAZ M., Kaya G.  
in: Glass Engineering, Vincenzo M. Sglavo, Editor, Intech Open (Europe), Zagreb, pp.1-24, 2018
- XIV. **Chapter 11: Applications of Glass Fibers in 3D Preform Composites**  
Bilişik A., Kaya G., Özdemir H., Korkmaz M., Güler G.  
in: Advances in Glass Science and Technology, Vincenzo M. Sglavo, Editor, INTECH-OPEN ACCESS PUBLISHER, London, pp.207-230, 2018
- XV. **Application of Glass fibers in 3D preform composites**  
BİLİŞİK A., KORKMAZ M., GÜLER G., KAYA G., ÖZDEMİR H.  
in: : Advances in Glass Science and Technology, Vincenzo Maria Sglavo, Editor, INTECH EUROPE, Londrina, pp.207-230, 2018
- XVI. **Impact resistant fabrics (ballistic / stabbing / slashing / spike)**  
BİLİŞİK A.  
in: Engineering of High Performance Textiles, Menghe Miao and John Xin, Editor, Elsevier Science, Oxford/Amsterdam , Cambridge, pp.377-425, 2017
- XVII. **Cartesian 3D Braiding**  
BİLİŞİK A.  
in: Advances in braiding technology: Specialized techniques and applications, Yordan Kyosev, Editor, Elsevier Science, Oxford/Amsterdam , Cambridge, pp.107-145, 2016
- XVIII. **3D Fabrics for Technical Textile Applications**  
Bilişik A., Şahbaz Karaduman N., Bilişik N. E.  
in: Non-woven Fabrics, Han-Yong Jeon, Editor, INTECH-OPEN ACCESS PUBLISHER, Rijeka, pp.81-141, 2016
- XIX. **3D Fabrics for Technical Textile Applications**  
BİLİŞİK A., ŞAHBAZ KARADUMAN N.  
in: Non woven Fabrics, Han-Yong Jeon, Editor, InTech-Open Access Publisher, Zagreb, pp.81-141, 2016
- XX. **Fibre Architectures for Composite Applications**  
Bilişik A., Karaduman N., Bilişik N. E.  
in: Fibrous and Textile Materials for Composite Applications, Raul Figueiro and Sohail Rana, Editor, SPRINGER SCIENCE+BUSINESS MEDIA, Singapore, pp.75-134, 2016
- XXI. **Multiaxial Three-Dimensional (3-D) Circular Weaving and Multiaxial 3-D Circular Woven Preforms for Composite**  
Bilişik A.  
in: Advanced Multilayered and Fibre Reinforced Composites, Haddad Y., Editor, Kluwer Academic Publishers, New

- York, pp.477-487, 2016
- XXII. **Fibre Architectures for Composite Applications**  
BİLİŞİK A., ŞAHBAZ KARADUMAN N., Nedim Erman B.  
in: Fibrous and Textile Materials for Composite Applications, Raul Figueiro and Sohel Rana, Editor, Springer Science+Business Media, Singapore, pp.75-134, 2016
- XXIII. **Cartesian 3D Braiding**  
Bilişik A.  
in: Advances in braiding technology Specialized techniques and applications, Kyosev, Yordan, Editor, Elsevier Science, Oxford/Amsterdam , New York, pp.107-145, 2016
- XXIV. **Applications of Braided Structures in Transportation**  
Bilişik A., Karaduman N., Bilişik N. E.  
in: Braided Structures and Composites: Production, Properties, Mechanics and Technical Applications, Rana S, Figueiro R, Editor, CRC PRESS, New-York, pp.256-292, 2015
- XXV. **Applications of Braided Structures in Transportation**  
Bilişik A., Şahbaz Karaduman N., Nedim Erman B.  
in: Braided Structures and Composites Production Properties Mechanics and Technical Applications, Sohel Rana and Raul Figueiro, Editor, CRC, New York , New York, pp.256-292, 2015
- XXVI. **Chapter V: Multiaxis Three Dimensional (3D) Woven Fabric**  
Bilişik A.  
in: Advances in Modern Woven Fabrics Technology, Vassiliadis S. G., Editor, INTECH-OPEN ACCESS PUBLISHER, Zagreb, pp.79-106, 2011
- XXVII. **Multiaxis Three Dimensional (3D) Woven Fabric**  
Bilişik A.  
in: Advances in Modern Woven Fabrics Technology, Savvas G. Vassiliadis, Editor, InTech-Open Access Publisher, Zagreb, pp.79-106, 2011
- XXVIII. **Multiaxial Three-Dimensional (3-D) Circular Weaving and Multiaxial 3-D Circular Woven Preforms for Composite**  
BİLİŞİK A.  
in: Advanced Multilayered and Fibre-Reinforced Composites, Y.M. Haddad, Editor, Springer, London/Berlin , Amsterdam, pp.477-487, 1998

## Refereed Congress / Symposium Publications in Proceedings

- I. **Nanostitching for Through-The-Thickness Reinforcement in Composites**  
Bilişik A., Güler 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., Güler G., Karaduman N. Ş., Sapancı E., Güngör S.  
2nd International Workshop on Plasticity, Damage and Fracture of Engineering Materials, Ankara, Turkey, 18 - 22 August 2021, pp.1-2
- III. **In-Plane Shear and Interlaminar Fracture Toughness Properties of MWCNTstitched Para-aramid/Phenolic Nanocomposites**  
Bilişik A., Güler 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
- IV. **Multi-Nanostitched 3D Carbon/Epoxy Nanocomposites: Tensile/Shear and Interlaminar Properties**  
Bilişik A., Güler G., Şahbaz Karaduman N., Sapancı E.  
9th World Conference in 3D Fabrics and Their Applications, Zhengzhou, China, 8 - 09 April 2021, pp.1-14



- V. **Interlaminar shear of nanostitched p-aramid/phenolic composites by short beam**  
Bilişik A., Güler G., Sapancı E.  
NANOTR-15, Antalya, Turkey, 3 - 06 November 2019, pp.118-119
- VI. **Fracture toughness (Mode-II) of nanostitched composites**  
Bilişik A., Güler 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
- VII. **Tensile Characterization of 3D Nanostitched P-Aramid/ Phenolic MWCNTs Composites**  
BİLİŞİK A., GÜLER G., Karaduman N., Sapancı E., Kaya G., Güngör S.  
TEXCOMP-13, Milano, Italy, 17 - 19 September 2018, pp.1-8
- VIII. **Bending Properties of Aramid/Phenolic Carbon Nanotube Preform (MWCNTS) Structures**  
BİLİŞİK A., GÜLER G., Karaduman N., Kaya G., Sapancı E., Güngör S.  
7th International Technical Textiles Conference, İzmir, Turkey, 10 - 12 September 2018, pp.1-8
- IX. **Bending Behavior of Nanoprepreg 3D Carbon/Epoxy MWCNT Composites**  
BİLİŞİK A., GÜLER 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
- X. **Fracture toughness (Mode-I) of para-aramid/phenolic nano preform composites**  
Bilişik A., Sapancı E.  
The 8th World conference in 3D fabrics and their applications, Manchester, United Kingdom, 28 - 29 March 2018, pp.1-6
- XI. **Mode-I properties of nanoprepreg structures**  
BİLİŞİK A., GÜLER G., Karaduman N.  
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1-5
- XII. **Fracture Toughness (Mode-I) of Multistitched Carbon/Epoxy Nanoprepreg Composites**  
BİLİŞİK A., GÜLER G., Karaduman N., Sapancı E., Güngör S.  
NANOTR-13, Antalya, Turkey, 22 - 25 October 2017, pp.295-296
- XIII. **Delamination (Mode-I) Properties of Nano Composites**  
BİLİŞİK A., GÜLER G., Karaduman N.  
8th TEXTEH International Conference, Bucharest, Romania, 19 - 20 October 2017, pp.1-6
- XIV. **Characterization of Fracture Toughness Properties of nanostitched / Nanoprepreg Composites**  
BİLİŞİK A., Sapancı E., GÜLER G., Karaduman N., Güngör S.  
International Porous Powder Material (PPM), İzmir, Turkey, 12 - 15 September 2017, pp.269-273
- XV. **Fracture Toughness of Nanostitching/Nanoprepreg Carbon/Epoxy Composites**  
BİLİŞİK A., GÜLER G., Karaduman N., Sapancı E., Güngör S.  
25th International Conference on Composites or Nano Engineering (ICCE-25), Roma, Italy, 16 - 22 July 2017, pp.1-2
- XVI. **3D preform architectures in technical textile applications: short review based on case studies**  
BİLİŞİK A.  
21st International conference, structure and structural mechanics of textiles, STRUTEX, Liberec, Czech Republic, 1 - 02 December 2016, pp.1-6
- XVII. **Off-axis tensile behavior of multistitched composites**  
BİLİŞİK A., Kaya G.  
The 6th International conference on advanced materials and systems, ICAMS 2016, Bucharest, Romania, 20 - 22 October 2016, pp.1-10
- XVIII. **Low Velocity Impact Properties of 2D Plain Woven/Nano Silica Composites**  
BİLİŞİK A., YOLAÇAN G.  
TexComp-11, Ku Leuven, Belgium, 19 September 2013 - 20 September 2016, pp.1-5
- XIX. **Prototyping Multiaxis 3D Weaving: Fabrication of 3D Preforms for Composites**  
BİLİŞİK A.

3rd International Conference on Advanced Technology & Sciences (ICAT'16), Konya, Turkey, 1 - 03 September 2016, pp.1-6

- XX. **In-plane tensile and shear properties of multi-stitched/nano composites**  
BİLİŞİK A., Kaya G., Karaduman N.  
IV. EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Turkey, 28 - 31 July 2016, pp.1-6
- XXI. **Evaluation of nano silica based fiber composites**  
BİLİŞİK A., Kaya G.  
24th International Conference on Composites or Nano Engineering (ICCE-24), Hainan Island, China, 17 - 23 July 2016, pp.1-2
- XXII. **Multistitched Nano Preforms and Composites**  
BİLİŞİK A.  
International Workshop on Special Topics on Polymeric Composites, Ege University,, İzmir, Turkey, 24 - 26 February 2016, pp.9-18
- XXIII. **Three dimensional circular woven structures for possible artificial organ applications**  
BİLİŞİK A., Karaduman N., Bilişik H. E., Bilişik N. E.  
EGEMEDITEX 2014, 2nd International Congress on Healthcare and Medical Textiles, İzmir, Turkey, 25 - 26 September 2014, pp.89-96
- XXIV. **Properties of Multistitched Woven Preform/Nano Composites**  
BİLİŞİK A., Yolaçan G.  
, 22nd Annual International Conference on Composites or Nano Engineering (ICCE-22), Malta, Malta, 13 - 19 July 2014, pp.1-2
- XXV. **Çok eksenli dikişli dokuma nano kompozitlerin eksen dışı çekme özellikleri**  
BİLİŞİK A., Yolaçan G.  
SAVTEK 7. Savunma Teknolojileri Kongresi, Ankara, Turkey, 25 - 27 June 2014, pp.1-8
- XXVI. **Çok eksenli dikişli dokuma E-cam/polyester nano kompozitlerin çekme özelliklerinin deneysel karakterizasyonu**  
Bilişik A., Kaya G.  
III. ulusal havacılıkta ileri teknolojiler konferansı, İstanbul, Turkey, 18 - 20 June 2014, pp.2-8
- XXVII. **Three dimensional interlaced woven preforms for composites**  
Bilişik A., Karaduman N., Bilişik N. E., Bilişik H. E.  
14th AUTEX world textile conference, Bursa, Turkey, 26 - 28 May 2014, pp.2-10
- XXVIII. **In-plane shear properties of multiaxis and orthogonal 3D woven carbon/epoxy composites**  
Bilişik A.  
MastEurAsia Conference: Maritime Systems and Technologies for defence, security and safety, İstanbul, Turkey, 20 - 22 May 2014, pp.1-10
- XXIX. **Interlaminar Shear Strength Properties of Multistitched Woven Nano Composites**  
BİLİŞİK A., YOLAÇAN G.  
1st Joint Turkey-Japan Workshop on Polymeric Composite Materials, İstanbul, Turkey, 12 - 13 May 2014, pp.1-8
- XXX. **Flexural Properties of Woven E-Glass/Polyester Nano Silica Composites**  
BİLİŞİK A., YOLAÇAN G.  
XIIIth International Izmir Textile and Apparel Symposium, Antalya, Turkey, 2 - 05 April 2014, pp.301-306
- XXXI. **Dikişli dokuma kumaş E-cam/polyester kompozitlerin özellikleri**  
Bilişik A.  
Kahramanmaraş uluslararası tekstil zirvesi, Kahramanmaraş, Turkey, 21 - 23 November 2013, pp.1-9
- XXXII. **Experimental Investigation of Low Strain-Rate Impact on 2D Multistitched Woven E-Glass/Polyester and High Strain-Rate Impact on 3D Non-Interlaced-Non-Z E-Glass/Polyester and 3D Woven Carbon/Epoxy Composites**  
BİLİŞİK A.  
Fourth International Conference on Recent Advances in Composite Materials (ICRACM-2013), India, 1 - 04 June 2013, pp.1-12
- XXXIII. **Low Velocity Impact on 2D Multistitched Woven E-Glass/Polyester Nano Composites**

- BİLİŞİK A., YOLAÇAN G.  
The 17th International Conference on Composite Structures(ICCS/17), Portugal, 1 - 04 June 2013, pp.1-2
- XXXIV. **Stick-Slip Behavior of Yarn Pull-out in Dry and Softening Treated Woven Fabric**  
BİLİŞİK A., YILDIRIM B.  
International Istanbul Textile Congress Innovative and Functional Textiles, İstanbul, Turkey, 30 May - 01 June 2013, pp.1
- XXXV. **Woven Fabric Shear by Yarn Pull-out Method**  
BİLİŞİK A.  
Proceedings of The V. International Technical Textiles Conference, Turkey, 1 - 04 November 2012, pp.1-7
- XXXVI. **Stick-Slip Behavior of Para-Aramid Fabric in Yarn Pull-Out**  
BİLİŞİK A.  
Fourth World Conference on 3D Fabrics and Their Applications,, Germany, 1 - 04 September 2012, pp.1-11
- XXXVII. **Fabric Shear Determined By Yarn Pull-Out And Analysis By Analytical-Statistical Models", International , ITALYA, 18-20 Haziran, pp.1-2**  
BİLİŞİK A., DEMİRYÜREK O.  
Conference on Mechanics of Nano, Micro and Macro Composite Structures, Politecnico Di Torino, Italy, 18 July - 20 June 2012, pp.1-2
- XXXVIII. **Fabric Shear Determined by Yarn Pull-out and Analysis by Analytical-Statistical Models**  
BİLİŞİK A., DEMİRYÜREK O.  
International Conference on Mechanics of Nano, Micro and Macro Composite Structures, Italy, 1 - 04 June 2012, pp.1-2
- XXXIX. **Bending behavior of multistitched E-Glass preform for composites**  
BİLİŞİK A., YOLAÇAN G.  
The 11th Asian Textile Conference (ATC-11), The Korean Fiber Society, Daegu, South Korea, 1 - 04 November 2011, pp.822-826
- XL. **Experimental Determination of Ballistic Performance-Flexibility Relations for Multilayered and Multidirectional Stitched Aramid Woven Fabric Structures**  
BİLİŞİK A., YOLAÇAN G., KORKMAZ M.  
, The Fiber Society Spring 2011 International Symposium on New Frontiers in Fiber Materials Science, United States Of America, 1 - 04 October 2011, pp.1-2
- XLI. **Experimental Study on Yarn Pull-Out of E-Glass Fabrics for Composites**  
BİLİŞİK A., YOLAÇAN G.  
International Congress of Innovative Textiles(ICONTEX 2011), Turkey, 1 - 04 October 2011, pp.391-398
- XLII. **Pull-Out Properties of E-Glass Woven Fabrics**  
BİLİŞİK A., YOLAÇAN G.  
ICONTEX- International Congress of Innovative Textiles, İstanbul, Turkey, 1 - 04 October 2011, pp.391-398
- XLIII. **Bending properties of multilayered non-interlaced E-Glass/Polyester composites for wind blade applications**  
BİLİŞİK A., Yılmaz B., YOLAÇAN G.  
10th International Conference on Sustainable Energy Technologies (SET2011), Turkey, 1 - 04 September 2011, pp.1-6
- XLIV. **Analysis of Yarn pull-Out Properties of Kevlar29 fabric structure by statistical model**  
BİLİŞİK A., ÇİNÇİK E., KORKMAZ M., YOLAÇAN G.  
2011 International Workshop on Computational Mechanics, China, 1 - 04 July 2011, pp.1-6
- XLV. **Structure-Unit Cell Base Approach on Three Dimensional (3D) Representative Braided Preforms from 4-Step Braiding: Experimental Determination of Effects of Structure-Process Parameters on Predetermined Yarn Path**  
BİLİŞİK A., Şahbaz N.  
15. National machine theory symposium, Niğde, Turkey, 1 - 04 June 2011, pp.383-391
- XLVI. **The geometric characterization of three dimensional (3D) braidings and computer application of their unit cell**

- BİLİŞİK A., Şahbaz N.  
The 3rd World Conference on 3D Fabrics and Their Applications, China, 1 - 04 April 2011, pp.107-113
- XLVII. **The performance of multiaxis non-interlace E-Glass/polyester preforms for composites**  
BİLİŞİK A., Yılmaz B., YOLAÇAN G.  
13th International Materials Symposium, (IMSP-2010), Turkey, 1 - 04 October 2010, pp.1461-1468
- XLVIII. **Multiaxis three dimensional (3D) circular weaving: concept to prototype design methodology and preliminary investigation of feasibility of weaving method**  
BİLİŞİK A.  
The International Symposium on Mechanism and Machine Science (ISMMS 2010 and IFToMM), Turkey, 1 - 04 October 2010, pp.308-317
- XLIX. **Determination of ballistic performance of multilayered aramid fabric stitched structures by yarn pull-out test**  
BİLİŞİK A., KORKMAZ M.  
Proceedings of The IV. International Technical Textiles Conference, Turkey, 1 - 04 May 2010, pp.1-10
- L. **Ballistic Performance of Multiaxis Non-interlaced/non-Z E-glass/Polyester and 3D Woven Carbon/Epoxy Composites with Soft Backing Aramid Fabric Structures**  
BİLİŞİK A.  
The Fiber Society Spring 2010 International Conference on Fibrous Materials, Turkey, 1 - 04 May 2010, pp.157-159
- LI. **Ballistic performance of multiaxis noninterlaced/non-Z E-glass/ polyester composites with soft backing aramid fabric structures**  
Bilisik K.  
2010 Spring Conference of the Fiber Society, Bursa, Turkey, 12 - 14 May 2010
- LII. **The Geometric Characterization of Three Dimensional (3D) Braided Fabrics and Computer Application of Their Unit Cells**  
Bilisik K., Sahbaz N.  
3rd World Conference on 3D Fabrics and their Applications, Wuhan, China, 20 - 21 April 2011, pp.107-112
- LIII. **Multiaxis three dimensional (3D) flat woven fabric and weaving method: Feasibility of prototype Tube Carrier Weaving**  
BİLİŞİK A.  
14. National machine theory symposium, Ankara, Turkey, 1 - 04 July 2009, pp.127-137
- LIV. **Multiaxis three dimensional (3D) woven and braided preform unit cells and implementation of possible functional characterization for biomedical applications**  
BİLİŞİK A.  
2. National artificial organs and support system conference, Antalya, Turkey, 1 - 04 April 2009, pp.25-26
- LV. **Standards and testing methods of ballistic structures**  
Turhan Y., BİLİŞİK A.  
10. Denizli material symposium and exhibition, Denizli, Turkey, 1 - 04 April 2004, pp.1087-1093
- LVI. **Multiaxis 3D woven fabrics for composites**  
BİLİŞİK A.  
Proceedings of The First International Technical Textiles Conference, Turkey, 1 - 04 October 2002, pp.127-139
- LVII. **Design of multifunctional ballistic structures**  
BİLİŞİK A.  
3. Army logistic Symposium, İstanbul, Turkey, 1 - 04 November 1998, pp.49-51
- LVIII. **Design of three dimensional circular weaving machine for multiaxis and multilayered circular preforms for advanced structural composites**  
BİLİŞİK A.  
8. International Machine Design and Production Conference, Turkey, 1 - 04 September 1998, pp.119-127
- LIX. **Multiaxial and multilayered 8-step circular braided preform for composite application**  
BİLİŞİK A.  
International Machine Design and Production Conference, Turkey, 1 - 04 September 1998, pp.109-117

- LX. **High modulus fiber base multiaxis composite structures**  
BİLİŞİK A.  
1. National Material Mechanics Symposium, İstanbul, Turkey, 1 - 04 June 1998, pp.15-16
- LXI. **Multiaxial three-dimensional (3-D) circular weaving and multiaxial 3-D circular woven preforms for composite**  
Bilisik A.  
NATO Advanced Research Workshop on Multilayered and Fibre-Reinforced Composites - Problems and Prospects, KIEV, Ukraine, 2 - 06 June 1997, vol.43, pp.477-487
- LXII. **Advanced structural composite and fabrication techniques, Recent Advances and Application in Plastic World**  
BİLİŞİK A.  
1. Plastic National Symposium, Pak-Plast Technique, İstanbul, Turkey, 1 - 04 October 1997, pp.175-180
- LXIII. **Textile structural composites: Properties of multiaxis three dimensional carbon/epoxy composites**  
BİLİŞİK A., Mohamed M. H.  
MAMKON-97 1. National Mechanical Engineering Conference, İstanbul, Turkey, 1 - 04 June 1997, pp.448-455
- LXIV. **Multiaxis three dimensional circular weaving and multiaxial three dimensional circular woven preform for composites**  
BİLİŞİK A.  
NATO Advanced Research Workshop, Kiev, Ukraine, 1 - 04 June 1997, pp.477-487
- LXV. **Structure-property relation at soft ballistic armor**  
BİLİŞİK A.  
DETMA-1 97 1. National Textile Symposium, Denizli, Turkey, 1 - 04 March 1997, pp.76-84
- LXVI. **Design of a multiaxis 3-D weaving machine**  
BİLİŞİK A., Mohamed M. H.  
International Conference on Recent Advances in Mechatronics, İstanbul, Turkey, 1 - 04 August 1995, pp.467-471
- LXVII. **Computer aided pneumatic motion control of weaving machine during fabric formation**  
BİLİŞİK A., Mohamed M. H.  
Industrial Automation-95 Symposium, İstanbul, Turkey, 1 - 04 March 1995, pp.381-390
- LXVIII. **Multiaxial 3D weaving machine and properties of multiaxial 3D woven carbon/epoxy composite**  
BİLİŞİK A., Mohamed M. H.  
39. International SAMPE Symposium, Anaheim-California, United States Of America, 1 - 04 April 1994, pp.868-881
- LXIX. **MULTIAXIAL 3-D WEAVING MACHINE AND PROPERTIES OF MULTIAXIAL 3-D WOVEN CARBON EPOXY COMPOSITES**  
BILISIK A., MOHAMED M.  
39th International SAMPE Symposium and Exhibition: Moving Forward With 50 Years of Leadership in Advanced Materials, California, United States Of America, 11 - 14 April 1994, pp.868-882
- LXX. **Properties of multiaxis and 3D orthogonal woven carbon/epoxy composites**  
BİLİŞİK A., Mohamed M. H.  
Proceedings of The Science and Technology Alliance Materials Conference, Greensboro, United States Of America, 1 - 04 October 1993, pp.85-92
- LXXI. **3-D Weaving**  
Mohamed M. H., BİLİŞİK A., Carlson C., Gu P., Salem E., Zhang Z.  
Mars Mission Research Center, NASA Technical Review, United States Of America, 1 - 04 April 1993, pp.122-123

## Other Publications

- I. "Characterizing the deformation of woven textile composites", SPE Plastics Research Online  
BİLİŞİK A.  
Technical Report, pp.1-3, 2017
- II. World Patent WO 95/12015-Improved fabric for composites, High Performance Textiles

## Supported Projects

- 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
- BİLİŞİK A., Project Supported by Other Official Institutions, Çok Eksende Dikişli / Nano Katkılı Kompozit Yapıların Mekanik ve Balistik Özellikleri, 2014 - 2015
- BİLİŞİK A., Yılmaz B., Project Supported by Higher Education Institutions, Aramid/Kıvamlı Kaygan Akışkan(STF) Balistik Yapıların Geliştirilmesi ve Karakterize Edilmesi., 2011 - 2013
- BİLİŞİK A., ŞAHBAZ N., Project Supported by Higher Education Institutions, ÜÇ BOYUTLU (3D) DAİRESEL SAÇ ÖRGÜLER VE GEOMETRİK KARAKTERİSTİKLERİ, 2011 - 2013
- BİLİŞİK A., YOLAÇAN G., Project Supported by Higher Education Institutions, Katlı E-Cam/Polyester Dokuma Kumaş Kompozitlerin Dikişli ve Nano-Katkılı Formlarının Mekanik ve Balistik Özelliklerinin Deneysel Belirlenmesi, 2010 - 2013
- BİLİŞİK A., ÖZEN İ., BÜYÜKKAYA A., Project Supported by Higher Education Institutions, Genel Amaçlı Esnek Tekstil Lamina Yapıların Geliştirilmesi, 2010 - 2012
- DEMİRYÜREK O., YOLAÇAN G., BİLİŞİK A., Project Supported by Higher Education Institutions, ÇİFT KATLI JAKARLI KUMAŞLARIN BİLGİSAYAR DESTEKLİ TASARIMI VE NANOSİLİKA KATKILI POLYESTER KOMPOZİT FORMLARININ MEKANİK ÖZELLİKLERİNİN KARAKTERİZE EDİLMESİ, 2010 - 2012
- BİLİŞİK A., PASAYEV N., YOLAÇAN G., Project Supported by Higher Education Institutions, BİRİM HÜCRE ESASLI ÜÇ BOYUTLU TEKSTİL DOKUMA YAPILARIN TEKNİK TEKSTİL UYGULAMALARI İÇİN BİLGİSAYAR DESTEKLİ TASARIMI, 2009 - 2011
- BİLİŞİK A., YOLAÇAN G., YILMAZ B., Project Supported by Higher Education Institutions, KESİSMESİZ DOKU MİMARILI KOMPOZİT YAPILARIN BALİSTİK AMAÇLI GELİŞTİRİLMESİ VE PERFORMANSLARININ DENEYSEL BELİRLENMESİ, 2008 - 2010
- BİLİŞİK A., KORKMAZ M., YOLAÇAN G., Project Supported by Higher Education Institutions, ARAMID KUMAŞ ÖZELLİKLERİNE BAĞLI İPLİK ÇEKME (YARN PULL-OUT)TESTİ İLE ÇOK KATLI DİKİŞLİ YAPILARIN BALİSTİK PERFORMANSININ DENEYSEL BELİRLENMESİ, 2008 - 2010
- BİLİŞİK A., Project Supported by Other Official Institutions, Kilim appearance denim fabric design and its properties, 2005 - 2007
- BİLİŞİK A., Project Supported by Higher Education Institutions, DÖŞEMELİK KUMAŞLARIN İPLİK TÜRÜNE BAĞLI SÜRTÜNME ÖZELLİKLERİ, 2004 - 2007
- BİLİŞİK A., Other International Funding Programs, Commercialization of Multiaxis 3D weaving, 1999 - 2001
- BİLİŞİK A., Other International Funding Programs, Multiaxis 3D circular weaving: Concept study, 1999 - 2001
- BİLİŞİK A., Project Supported by Other Official Institutions, Design of ballistic fabrics and computer applications, 1997 - 1999
- BİLİŞİK A., Other International Funding Programs, Multiaxis 3D weaving, 1982 - 1994
- BİLİŞİK A., Other International Funding Programs, 3D woven and braided preform developments, 1988 - 1991

## Patent

- Bilişik A., Çoklu eksenli Üç-boyutlu (3-D) dairesel dokunmuş kumaş, Patent, CHAPTER D Textile; Paper, The Invention Registration Number: 2001/03615 , Standard Registration, 2001
- Bilişik A., Dreidimensionales Gewebe Und Verfahren Zu Desen Herstellung, Patent, CHAPTER D Textile; Paper, The Invention Registration Number: 69417760T2 , 2000
- Bilişik A., Bilişik A., Multiaxial three dimensional (3D) circular woven fabric, Patent, CHAPTER D Textile; Paper, The Invention Registration Number: 6129122 , Standard Registration, 2000
- Bilişik A., Multiaxial three dimensional circular woven fabric, Patent, CHAPTER D Textile; Paper, The Invention

Registration Number: 00177284 , Standard Registration, 2000

Bilişik A., Multiaxial three-dimensional (3-D) circular woven fabrics, Patent, CHAPTER D Textile; Paper, The Invention  
Registration Number: 6129122 , 2000

Bilişik A., Three dimensional fabric and method for producing, Patent, CHAPTER D Textile; Paper, The Invention  
Registration Number: 69417760 , Standard Registration, 2000

Bilişik A., Multiaxial three dimensional circular woven fabric, Patent, CHAPTER D Textile; Paper, The Invention  
Registration Number: 6129122 , 2000

Bilişik A., Mohamed M., Multilayered woven fabric and methods for producing, Patent, CHAPTER D Textile; Paper, The  
Invention Registration Number: 0725849 B1 , 1996

Bilişik A., Multilayer three dimensional fabric and methods for producing, Patent, CHAPTER D Textile; Paper, The  
Invention Registration Number: 5465760 , Standard Registration, 1995

Bilişik A., Three dimensional fabric and method for producing, Patent, CHAPTER D Textile; Paper, The Invention  
Registration Number: 2174771 , Standard Registration, 1995

Bilişik A., Three dimensional fabric and method for producing, Patent, CHAPTER D Textile; Paper, The Invention  
Registration Number: 8088994 , Standard Registration, 1995

Bilişik A., Multilayered woven fabric and methods for producing, Patent, CHAPTER D Textile; Paper, The Invention  
Registration Number: 95/12015 , 1995

Bilişik A., 3D Weaving method and prototype apparatus, Patent, CHAPTER D Textile; Paper, The Invention Registration  
Number: 27195 , Standard Registration, 1994

## **Activities in Scientific Journals**

Academia Materials Science, Committee Member, 2023 - Continues

Academia Nano: Science, Materials, Technology, Scientific Committee Membership, 2023 - Continues

Frontiers in Mechanical Engineering , Assistant Editor/Section Editor, 2022 - Continues

Textile Research Journal, Committee Member, 2020 - Continues

Tekstil Teknoloji, Committee Member, 2020 - Continues

Journal of Industrial Textiles, Committee Member, 2019 - Continues

Fibers and polymers, Committee Member, 2018 - Continues

Advances in Materials, Committee Member, 2016 - 2018

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Committee Member, 2010 - 2012

## **Memberships / Tasks in Scientific Organizations**

Balkan Society of Textile Engineers , Principal Member, 2022 - Continues, Romania

Turkish Heritage Organization, Principal Member, 2019 - Continues, United States Of America

American Enterprise Institute, Principal Member, 2019 - Continues, United States Of America

Nobelprize.org, Member, 2019 - Continues, Sweden

Smithsonian Institution, Principal Member, 2019 - Continues, United States Of America

Adam Smith Institute, Principal Member, 2019 - Continues, England

Erciyes Öğretim Üyeleri Derneği, Principal Member, 2015 - Continues, Turkey

SPACE.COM, Principal Member, 2010 - Continues, United States Of America

TASSA, Principal Member, 2007 - Continues, United States Of America

THE TEXTILE INSTITUTE, Principal Member, 1988 - Continues, England

Ege Üniversitesi Tekstil Mühendisliği Mezunlar Derneği, Principal Member, 1986 - Continues, Turkey

## **Scientific Refereeing**

Academia Materials Science, Other journals, November 2024  
ENGINEERING FRACTURE MECHANICS, Journal Indexed in SCI-E, October 2024  
CLEANER ENGINEERING AND TECHNOLOGY, Journal Indexed in SSCI, October 2024  
DIAMOND AND RELATED MATERIALS, Journal Indexed in SCI-E, October 2024  
JOURNAL OF ALLOYS AND COMPOUNDS, Journal Indexed in SCI-E, September 2024  
Journal of The American Ceramic Society, Journal Indexed in SCI-E, September 2024  
POLYMER, Journal Indexed in SCI-E, August 2024  
APPLIED ENERGY, Journal Indexed in SCI-E, July 2024  
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, Journal Indexed in SCI-E, July 2024  
Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, Journal Indexed in SCI-E, July 2024  
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, July 2024  
Polymer-Plastics Technology and Materials, Journal Indexed in SCI-E, May 2024  
BUILDINGS, Journal Indexed in SCI-E, May 2024  
POLYMER INTERNATIONAL, Journal Indexed in SCI-E, April 2024  
Inventions, Journal Indexed in SCI-E, March 2024  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, Journal Indexed in SCI-E, March 2024  
MATERIALS AND DESIGN, Journal Indexed in SCI-E, March 2024  
SYNTHETIC METALS, Journal Indexed in SCI-E, February 2024  
HELIYON, Journal Indexed in SCI-E, January 2024  
BIOMIMETICS (BASEL), Journal Indexed in SCI-E, December 2023  
JOURNAL OF AIRCRAFT, Journal Indexed in SCI-E, December 2023  
MATERIALS CHEMISTRY AND PHYSICS, Journal Indexed in SCI-E, October 2023  
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, Journal Indexed in SCI-E, October 2023  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY, Journal Indexed in SCI-E, August 2023  
RESULTS IN MATERIALS, Other Indexed Journal, June 2023  
INTERNATIONAL JOURNAL OF BIOMATERIALS, Journal Indexed in ESCI, May 2023  
ADVANCED MATERIALS TECHNOLOGIES, Journal Indexed in SCI-E, April 2023  
CHEMICAL ENGINEERING JOURNAL, Other Indexed Journal, April 2023  
JOURNAL OF POLYMER ENGINEERING, Journal Indexed in SCI-E, February 2023  
ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, January 2023  
Textile & Leather Review, Other Indexed Journal, January 2023  
JOURNAL OF MATERIALS CHEMISTRY B, Journal Indexed in SSCI, December 2022  
REVIEWS ON ADVANCED MATERIALS SCIENCE, Journal Indexed in SCI-E, December 2022  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, Journal Indexed in SSCI, December 2022  
Advances in Materials and Processing Technologies, Journal Indexed in SCI-E, December 2022  
Proceedings of the IMechE, Part C: Journal of Mechanical Engineering Science, Journal Indexed in SCI-E, November 2022  
COMPOSITES AND ADVANCED MATERIALS, Journal Indexed in SCI-E, November 2022  
FATIGUE AND FRACTURE OF ENGINEERING MATERIALS AND STRUCTURES, Journal Indexed in SCI-E, September 2022  
ADVANCED MATERIALS, Journal Indexed in SCI-E, August 2022  
FRONTIERS IN MOLECULAR NEUROSCIENCE, Journal Indexed in SCI-E, July 2022  
COMPOSITES SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, July 2022  
JOURNAL OF NATURAL FIBERS, Journal Indexed in SCI-E, July 2022  
ELSEVIER, High Performance Basalt Fiber: Fundamentals and Applications , Scientific / Professional Book Published by Renowned Publishing Houses, June 2022  
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, Journal Indexed in SCI-E, June 2022  
JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT, Journal Indexed in SCI-E, June 2022  
Textiles, Other Indexed Journal, June 2022  
EU Supported Other Project, Luxembourg national research fund (FNR)-CORE, Luxembourg, June 2022  
ADVANCED FUNCTIONAL MATERIALS, SCI Journal, May 2022



NANOTECHNOLOGY REVIEWS, Journal Indexed in SCI-E, March 2022  
APPLIED SCIENCES-BASEL, Journal Indexed in SCI-E, March 2022  
MICROMACHINES, Journal Indexed in SCI-E, March 2022  
International Journal of Ambient Energy, Journal Indexed in ESCI, February 2022  
Advances in Materials & Processing Technologies , Journal Indexed in ESCI, February 2022  
Journal of Central South University, Journal Indexed in SCI-E, January 2022  
COMPOSITE INTERFACES, SCI Journal, January 2022  
Engineered Science , Other Indexed Journal, January 2022  
Smart science, Journal Indexed in ESCI, January 2022  
International Journal of Sustainable Engineering, Journal Indexed in ESCI, December 2021  
International Journal of Mechanical System Dynamics, Other journals, November 2021  
JOURNAL OF BUILDING ENGINEERING, SCI Journal, October 2021  
Cogent Engineering, Journal Indexed in ESCI, October 2021  
FRONTIERS OF MECHANICAL ENGINEERING, SCI Journal, September 2021  
ACI STRUCTURAL JOURNAL, Journal Indexed in SCI-E, September 2021  
ENERGIES, SCI Journal, September 2021  
Functional Composites and Structures, Journal Indexed in ESCI, September 2021  
Academia Letters, Other journals, July 2021  
ACI MATERIALS JOURNAL, Journal Indexed in SCI-E, June 2021  
Completed Thesis Study, Etik Kurul, Erciyes University, Turkey, June 2021  
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, May 2021  
ARCHIVES OF METALLURGY AND MATERIALS, Journal Indexed in SCI-E, January 2021  
SCIENTIFIC REPORTS, SCI Journal, June 2020  
INTERNATIONAL JOURNAL OF AEROSPACE ENGINEERING, Journal Indexed in SCI-E, June 2020  
JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY, SCI Journal, June 2020  
TEXTILE RESEARCH JOURNAL, SCI Journal, May 2020  
JOURNAL OF INDUSTRIAL TEXTILES, SCI Journal, May 2020  
AATCC JOURNAL OF RESEARCH, Journal Indexed in SCI-E, April 2020  
THIN-WALLED STRUCTURES, SCI Journal, October 2019  
Recent PATents on Mechanical Engineering, Other Indexed Journal, September 2019  
POLYMER TESTING, SCI Journal, July 2019  
Engineering Research Express, Other Indexed Journal, May 2019  
Journal of King Saud University - Engineering Sciences, SCI Journal, March 2019  
JOURNAL OF MATERIALS SCIENCE, SCI Journal, March 2019  
BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Bor Araştırma Enstitüsü, Turkey, March 2019  
Advances in Mechanical Engineering, SCI Journal, February 2019  
BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Ondokuz Mayıs University, Turkey, January 2019  
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, December 2018  
International Journal of Metallurgy and Metal Physics, Other Indexed Journal, November 2018  
Defence Technology, SCI Journal, September 2018  
Project Supported by Higher Education Institutions, BAP PhD, Erciyes University, Turkey, August 2018  
Recent Innovations in Chemical Engineering, Other Indexed Journal, June 2018  
International Journal of Damage Mechanics, SCI Journal, June 2018  
Mechanics of advanced materials and structures, SCI Journal, April 2018  
Journal of Testing and Evaluation, SCI Journal, March 2018  
Recent Patents on Materials Science, Other Indexed Journal, January 2018  
Polymers, SCI Journal, October 2017  
ACS Sustainable Chemistry & Engineering, SCI Journal, October 2017  
Project Supported by Higher Education Institutions, BAP PhD, Erciyes University, Turkey, October 2017  
Materials Research, SCI Journal, September 2017

Journal of Nanomaterials, SCI Journal, August 2017  
Polymer-Plastics Technology and Engineering, SCI Journal, August 2017  
ACS APPLIED MATERIALS & INTERFACES, SCI Journal, August 2017  
Research Journal of Textile and Apparel, SCI Journal, June 2017  
Polimer Composites, SCI Journal, April 2017  
Composite structures, SCI Journal, April 2017  
Robotics and Computer Integrated Manufacturing, SCI Journal, April 2017  
Journal of science and technology Transactions of mechanical engineering, SCI Journal, April 2017  
ACS NANO, SCI Journal, February 2017  
Fashion and Textiles, SCI Journal, December 2016  
Pigment & Resin Technology, SCI Journal, November 2016  
Smart Materials and Structures, SCI Journal, October 2016  
Mathematical Problems in Engineering, SCI Journal, October 2016  
Journal of Textile Science and Technology, SCI Journal, September 2016  
Principles of Woven Fabric Manufacturing, Scientific / Professional Book Published by Renowned Publishing Houses, August 2016  
RSC ADVANCES, SCI Journal, May 2016  
Advances in Materials Science and Engineering, SCI Journal, May 2016  
Emerging Materials Research, SCI Journal, April 2016  
Measurement Science and Technology, SCI Journal, April 2016  
Composites Part A: Applied Science and Manufacturing, SCI Journal, March 2016  
Lubricants, Other Indexed Journal, January 2016  
International Journal of Chemical Engineering, SCI Journal, January 2016  
Mechanics of Materials, SCI Journal, October 2015  
Journal of Reinforced Plastics and Composites, SCI Journal, April 2015  
Experimental Techniques, SCI Journal, February 2015  
International Journal of Clothing Science and Technology, SCI Journal, January 2015  
SciTechnol, Other Indexed Journal, January 2015  
Industria Textila, SCI Journal, August 2014  
Composite Part B: Engineering, SCI Journal, March 2014  
Tekstil ve Mühendis, Other Indexed Journal, February 2014  
Journal of Composite Materials, SCI Journal, January 2014  
Journal of Thermoplastic Composite Materials, SCI Journal, January 2014  
Autex Research Journal, SCI Journal, January 2014  
Tekstil ve Konfeksiyon, SCI Journal, June 2013  
Biotechnology Research, Other Indexed Journal, April 2013  
Gazi University Journal of Science, SCI Journal, March 2013  
Educational Research and Reviews, Other Indexed Journal, March 2013  
Journal of Chemical Engineering and Materials Science, Other Indexed Journal, March 2013  
EU Supported Other Project, National Research and Development Institute Textile and Leather at Bucharest/Romania (INCDTP-Bucharest), Romania, February 2013  
American Journal of Engineering and Construction Technology, SCI Journal, October 2012  
Journal of Fashion Technology & Textile Engineering, Other Indexed Journal, September 2012  
Journal of Petroleum and Gas Engineering, Other Indexed Journal, April 2012  
Universities of Other Countries Supported Project, Université de Montreal, Canada, March 2012  
Global Advanced Research Journal of Physical and Applied Sciences, Other Indexed Journal, November 2011  
Journal of Civil Engineering and Construction Technology, Other Indexed Journal, February 2011  
Coloration Technology, SCI Journal, June 2010  
Journal of Engineered Fibers and Fabrics, SCI Journal, May 2010  
Journal of Engineering at Pamukkale University, Other Indexed Journal, April 2010  
Journal of Applied Polymer Science, SCI Journal, November 2009

Fibers and Polymers, SCI Journal, November 2009

Journal of Nanostructure in Chemistry, Journal Indexed in ESCI, July 2009

Journal of the Institute of Science and Technology of Erciyes University, Other Indexed Journal, March 2009

JOURNAL OF THE TEXTILE INSTITUTE, SCI Journal, July 2008

Textile Marathon, Other Indexed Journal, March 2006

## **Mobility Activity**

Erasmus Programme, Lecturing, Tampere University of Technology, Finland, 2009 - 2009

Erasmus Programme, Lecturing, Universidade de Minho, Portugal, 2008 - 2008

Other, Seminar, Clemson University, United States Of America, 2001 - 2001

Sabbatical Leave, Faculty Exchange, North Carolina State University, United States Of America, 1999 - 1999

Research Scholarship Program, Research During Graduate Education, Georgia Institute of Technology, United States Of America, 1993 - 1993

## **Metrics**

Publication: 238

Citation (WoS): 1818

Citation (Scopus): 2140

H-Index (WoS): 25

H-Index (Scopus): 26

## **Congress and Symposium Activities**

13th International Materials Symposium, (IMSP-2010), Panelists, Denizli, Turkey, 2010

The International Symposium on Mechanism and Machine Science (ISMMS 2010 and IFToMM), Panelists, İzmir, Turkey, 2010

Proceedings of The IV. International Technical Textiles Conference, Panelists, İstanbul, Turkey, 2010

The Fiber Society Spring 2010 International Conference on Fibrous Materials, Invited Speaker, Bursa, Turkey, 2010

2. National artificial organs and support system conference, TUYOD, Panelists, Antalya, Turkey, 2009

Proceedings of The First International Technical Textiles Conference, Panelists, Ankara, Turkey, 2002

8. International Machine Design and Production Conference, Panelists, Ankara, Turkey, 1998

8. International Machine Design and Production Conference, Panelists, Ankara, Turkey, 1998

MAMKON-97 1. National Mechanical Engineering Conference, Invited Speaker, İstanbul, Turkey, 1997

Advanced Multilayered and Fibre-Reinforced Composites, Panelists, Kyiv, Ukraine, 1997

DETMA-1 97 1. National Textile Symposium, Invited Speaker, Denizli, Turkey, 1997

International Conference on Recent Advances in Mechatronics, Invited Speaker, İstanbul, Turkey, 1995

39. International SAMPE Symposium, Panelists, California, United States Of America, 1994

Proceedings of The Science and Technology Alliance Materials Conference'93, Panelists, North Carolina, United States Of America, 1993

NASA Technical Review, Panelists, North Carolina, United States Of America, 1993

## **Invited Talks**

4. International Conference on Advances in Textile Materials and Processes (ATMP-2021, Online), Conference, Uttar Pradesh Textile Technology Institute Kanpur, Uttar Pradesh, INDIA, India, November 2021

9th World Conference in 3D Fabrics and Their Applications, Conference, University of Manchester, United Kingdom,

April 2021

8th World Conference in 3D Fabrics and Their Applications, Conference, University of Manchester, Manchester, UK, United Kingdom, March 2018

## Scholarships

NTC Bursu, University, 1992 - 1995

YÖK yurtdışı doktora bursu, YOK, 1988 - 1992

## Awards

Bilişik A., the world's top 2% of scientists ranking list on the topic of Materials, Polymers and enabling technology (44357), Elsevier And Stanford University, October 2023

Bilişik A., Reviewer Certificate (Composite Science and Technology), Elsevier Publishing, June 2023

Bilişik A., Reviewer certificate (Advanced Materials), Wiley Publishing, April 2023

Bilişik A., Reviewer Certificate (Journal of Central South University), Elsevier Publishing, January 2023

Bilişik A., Reviewer Certificate (Journal of Composites Science), Mdpı Publishing, November 2022

Bilişik A., the world's top 2% of scientists ranking list on the topic of Materials and Polymers in 2021 (60000), Elsevier Publishing, November 2022

Bilişik A., Reviewer certificate (Advanced Functional Materials) , Wiley Publishing, June 2022

Bilişik A., Reviewer Certificate (Sustainability), Mdpı Publishing, April 2022

Bilişik A., the world's top 2% of scientists ranking list on the topic of Materials and Polymers in 2020 (88595), Elsevier Publishing, November 2021

Bilişik A., Reviewer Certificate (Energies), Mdpı Publishing, September 2021

Bilişik A., the world's top 2% of scientists ranking list on the topic of Materials and Polymers (104471), Elsevier Publishing, October 2020

Bilişik A., Reviewer Certificate (Thin Walled Structures), Elsevier Publishing, September 2020

Bilişik A., Reviewer Certificate (Coating), Mdpı Publishing, June 2020

Bilişik A., Reviewer Certificate (ACS Nano), American Chemical Society, March 2020

Bilişik A., Reviewer Certificate (Polymers), Mdpı Publishing, December 2019

Bilişik A., Reviewer Certificate (Composite Part B), Elsevier Publishing, January 2019

Bilişik A., Reviewer Certificate (Materials), Mdpı Publishing, November 2018

Bilişik A., Reviewer Certificate (RSC Advances), Royal Society Publishing, October 2018

Bilişik A., Reviewer Certificate (Micromachines), Mdpı Publishing, August 2018

Bilişik A., Reviewer Certificate (Polymer Composites), Wiley Publishing, May 2018

Bilişik A., Reviewer Certificate (Robotics and Computer Integrated Manufacturing) , Elsevier Publishinh, November 2017

Bilişik A., Reviewer Certificate (Composites Structure), Elsevier Publishing, October 2017

Bilişik A., Reviewer Certificate (Composites Part A), Elsevier Publishing, June 2016

BİLİŞİK A., Reviewer Certificate (Composites Part B), Elsevier Publishing, May 2016

Bilişik A., Reviewer Certificate (Journal of Reinforced Plastics and Composites), Sage Publishing, March 2016

Bilişik A., Reviewer Certificate (Applied Sciences-BASEL), Mdpı Publishing, January 2016

Bilişik A., Reviewer Certificate (Defence Technology), Elsevier Publishing, March 2015

Bilişik A., Reviewer Certificate (Journal of Applied Polymer Science), Wiley Publishing, August 2014

BİLİŞİK A., Bilimsel yayın ödülü, Erciyes Üniversitesi-Mühendislik Fakültesi Dekanlığı-Bilimsel Yayın Ödülleri, June 2013

BİLİŞİK A., International Peace Prize in 2012, American Biographical Institute/Raleigh / USA, July 2012

BİLİŞİK A., Bilimsel yayın ödülü, Erciyes Üniversitesi-Mühendislik Fakültesi Dekanlığı-Bilimsel Yayın Ödülleri, June 2012

Bilişik A., Reviewer Certificate (Lubricants), Mdpı Publishing, May 2012

BİLİŞİK A., The World Top 100 Engineer in 2011, International Biographical Center/Cambridge / UK, July 2011

BİLİŞİK A., Bilimsel yayın ödülü, Erciyes Üniversitesi-Mühendislik Fakültesi Dekanlığı-Bilimsel Yayın Ödülleri, June 2011

BİLİŞİK A., Bilimsel yayın ödülü, Erciyes Üniversitesi-Mühendislik Fakültesi Dekanlığı-Bilimsel Yayın Ödülleri, July 2010

BİLİŞİK A., Bilimsel yayın ödülü, Erciyes Üniversitesi-Mühendislik Fakültesi Dekanlığı-Bilimsel Yayın Ödülleri, July 2009

### **Non Academic Experience**

3TEX INC. Cary/NC- USA

Company, 3TEX INC., PROCESS AND PRODUCT DEVELOPMENT

Company, VELİÇ A.Ş., Open-end İpliği

SANKO A.S

Company, SANKO A.Ş., Pamuk ipliği