

## Prof. ABDULKADİR BİLİŞİK

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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

Post Graduate, Ege Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği, Turkey 1984 - 1986

Under Graduate, 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

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

### Research Areas

Technical Sciences, 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

## Academic Titles / Tasks

Professor, Erciyes Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği, 2002 - Continues

Associate Professor, North Carolina State University, 3Tex Inc, Process And Product Development, 1999 - 2002

Associate Professor, Ege Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği, 1996 - 2002

Assistant Professor, Ege Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği, 1991 - 1996

Assistant Professor, North Carolina State University, College Of Textiles, Department Of Textile Engineeirng, Chemistry And Science, 1992 - 1995

## Professional Experience

Head of Department, Erciyes Üniversitesi, Tekstil Mühendisliği, Tekstil Teknolojisi, 2005 - Continues

Head of Department, Erciyes Üniversitesi, Tekstil Mühendisliği, Tekstil Teknolojisi, 2002 - Continues

## Courses

Dokuma Kumaş Teknolojisi , Under Graduate, 2010 - 2011, 2011 - 2012

Carpet Technology , Under Graduate, 2010 - 2011, 2011 - 2012

Sandviç Yapılar , Doctorate, 2010 - 2011, 2011 - 2012

Mühendis ve Etik , Post Graduate, 2010 - 2011, 2011 - 2012

Tekstil Mekanığı-II , Post Graduate, 2010 - 2011, 2011 - 2012

Tekstil Yapısal Kompozitlerde Özel Konular , Doctorate, 2011 - 2012

Balistik Kumaşlara Giriş , Post Graduate, 2010 - 2011, 2011 - 2012

Tekstil Mekanığı-I , Post Graduate, 2010 - 2011, 2011 - 2012

Tekstil Mühendisliğine Giriş , Under Graduate, 2010 - 2011, 2011 - 2012

Tekstil Tasarımı , Under Graduate, 2010 - 2011, 2011 - 2012

Saç Örgüler, Post Graduate, 2010 - 2011

## Advising Theses

BİLİŞİK A., Pulcuksuz yönlü kumaşın dökümlülük ve bruşmazlık özelliklerinin incelenmesi, Post Graduate, M.Ali(Student), Continues

BİLİŞİK A., Biyobozunur lif esaslı 3D dokuma ve 3D saç örgü yapılarından yapay organ geliştirilmesi, Post Graduate, Ö.Akyürek(Student), Continues

BİLİŞİK A., Developments of PAN based carbon/phenolic MWCNTs composites and characterization of their thermo-mechanical properties, Doctorate, B.Kalebayır(Student), Continues

BİLİŞİK A., Nano katkılı tekstil kompozitlerin elektrik geçirgenlik özelliklerinin deneysel belirlenmesi, Post Graduate, A.Çidem(Student), Continues

BİLİŞİK A., Pulcuksuz yönlü 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), Post Graduate, 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,

Post Graduate, B.Kalebayır(Student), 2014

BİLİŞİK A., Kesişmesiz dokuda tekstil esaslı yapısal beton panellerin geliştirilmesi ve mekanik özelliklerinin karakterize edilmesi, Doctorate, H.Özdemir(Student), 2014

BİLİŞİK 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, Post Graduate, 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 kumaşa tutunma-kayma özelliklerinin incelenmesi, Doctorate, B.Yıldırım(Student), 2012

BİLİŞİK A., GENEL AMAÇLI ESNEK TEKSTİL LAMNİA YAPILARININ GELİŞTİRİLMESİ, Post Graduate, 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, Post Graduate, H.Dağışan(Student), 2011

BİLİŞİK A., Dokuma kumaşların mekanik özelliklerinin istatistiksel modellenmesi, Doctorate, O.Demiryürek(Student), 2010

BİLİŞİK A., ÜÇ BOYUTLU (3D) SAÇ ÖRGÜLERİNİ TOPOLOJİK ESASLI GEOMETRİK KARAKTERİSTİĞİ VE BİRİM HÜCRELERİN BİLGİSAYAR UYGULAMALARI, Post Graduate, 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, Post Graduate, M.Korkmaz(Student), 2009

BİLİŞİK A., KESİŞMESİZ GELİŞTİRİLMİŞ CAM / POLYESTER ÖNŞEKİLLİ KOMPOZİT YAPILARIN PERFORMANSLARININ DENEYSEL BELİRLENMESİ, Post Graduate, B.Yılmaz(Student), 2009

BİLİŞİK A., KİLİM DESENİ DENİM KUMAŞ TASARIMI VE ÖZELLİKLERİNİN BELİRLENMESİ, Post Graduate, F.Demir(Student), 2007

BİLİŞİK A., Balistik kumaşların tasarımı ve bilgisayar uygulamaları, Post Graduate, Y.Turhan(Student), 1999

## Jury Memberships

Associate Professor Exam, Doçentlik sınav jürisi, Erciyes Üniversitesi, June, 2011

Appointment Academic Staff, Profesörlük kadrosuna atama, Erciyes Üniversitesi, January, 2010

Doctorate, Doktora tez jürisi, Erciyes Üniversitesi, June, 2006

Post Graduate, Yüksek lisans tez jürisi, Ege Üniversitesi, February, 1999

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Multiaxis three dimensional (3D) carbon and basalt preforms/cementitious matrix concretes: Experimental study on fiber orientation and placement by panel test**  
Bilisik K., ÖZDEMİR H.  
CONSTRUCTION AND BUILDING MATERIALS, vol.271, 2021 (Journal Indexed in SCI)
- II. **Carbon nanotubes in carbon/epoxy multiscale textile preform composites: A review**  
Bilisik K., Syduzzaman M.  
POLYMER COMPOSITES, 2021 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)

- V. **Short-beam shear of nanopreg/nanostitched three-dimensional carbon/epoxy multiwall carbon nanotube composites**  
Bilişik A., Karaduman N., Sapancı E.  
JOURNAL OF COMPOSITE MATERIALS, vol.54, no.3, pp.311-329, 2020 (Journal Indexed in SCI)
- VI. **Mode-II toughness of nanostitched carbon/epoxy multiwall carbon nanotubes prepreg composites: Experimental investigation by using end notched flexure**  
Bilişik A., Güler G., Sapancı E., Güngör S.  
Journal Of Composite Materials, vol.53, no.30, pp.4249-4271, 2019 (Journal Indexed in SCI)
- VII. **Three dimensional nanopreg and nanostitched aramid/phenolic multiwall carbon nanotubes composites: Experimental determination of in-plane shear**  
Bilişik A., Güler G., Sapancı E., Güngör S.  
Journal Of Composite Materials, vol.53, no.29, pp.4077-4096, 2019 (Journal Indexed in SCI)
- VIII. **In-plane shear of nanopreg/nanostitched three dimensional carbon/epoxy multiwall carbon nanotubes composites**  
Bilişik A., Güler G., Karaduman N., Sapancı E., Güngör S.  
Journal Of Composite Materials, vol.53, no.24, pp.3413-3421, 2019 (Journal Indexed in SCI)
- IX. **Interlaminar shear properties of nanostitched/nanopreg aramid/phenolic composites by short beam method**  
Bilişik A., Erdogan G., Sapancı E.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.21, pp.2941-2957, 2019 (Journal Indexed in SCI)
- X. **Plain para-aramid/phenolic multiwall carbon nanotubes prepreg/multistitched preform composites: Experimental characterization of mode-I toughness**  
Bilişik A., Sapancı E.  
Journal Of Composite Materials, vol.53, pp.1847-1864, 2019 (Journal Indexed in SCI)
- XI. **In-plane response of para-aramid/phenolic nanostitched and nanopreg 3D composites under tensile loading**  
Bilisik K., Erdogan G., Sapancı E.  
POLYMER COMPOSITES, vol.40, no.4, pp.1275-1286, 2019 (Journal Indexed in SCI)
- XII. **Flexural characterization of 3D prepreg/stitched carbon/epoxy/multiwalled carbon nanotube preforms and composites**  
Bilisik K., Karaduman N. S. , Sapancı E.  
JOURNAL OF COMPOSITE MATERIALS, vol.53, no.5, pp.563-577, 2019 (Journal Indexed in SCI)
- XIII. **Tensile properties of nanopreg/nanostitched 3D carbon/epoxy MWCNTs composites**  
BİLİŞİK A., Karaduman N., Sapancı E.  
MECHANICS OF MATERIALS, vol.128, pp.11-23, 2019 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI Expanded)

- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI Expanded)
- XX. **Tensile/Shear Behaviour of Multi-stitched/Nano Composites**  
Bilisik K., Kaya G.  
JOURNAL OF ELECTRONIC MATERIALS, vol.46, no.7, pp.3987-3994, 2017 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **EFFECT OF FABRIC WEAVE ON STICK-SLIP PROPERTIES OF WOVEN FABRICS**  
Bilisik K.  
AUTEX RESEARCH JOURNAL, vol.14, no.3, pp.205-217, 2014 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **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 (Journal Indexed in SCI)
- XXXII. **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 (Journal Indexed in SCI)

- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)
- XXXV. **Analysis and stick-slip properties of woven fabric in pull-out method**  
Bilişik A.  
INDUSTRIA TEXTILA, vol.65, no.4, pp.181-189, 2014 (Journal Indexed in SCI)
- XXXVI. **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 (Journal Indexed in SCI)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **Three-dimensional braiding for composites: A review**  
Bilisik K.  
TEXTILE RESEARCH JOURNAL, vol.83, no.13, pp.1414-1436, 2013 (Journal Indexed in SCI)
- XXXIX. **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 (Journal Indexed in SCI)
- XL. **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 (Journal Indexed in SCI)
- XLI. **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 (Journal Indexed in SCI)
- XLII. **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 (Journal Indexed in SCI)
- XLIII. **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 (Journal Indexed in SCI)
- XLIV. **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 (Journal Indexed in SCI)
- XLV. **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 (Journal Indexed in SCI)
- XLVI. **Effects of Sample Dimensions on Pull-Out Properties of Woven Fabric Structures**  
Bilisik K., DEMİRYÜREK O.  
FIBERS AND POLYMERS, vol.13, no.10, pp.1326-1334, 2012 (Journal Indexed in SCI)
- XLVII. **IN-PLANE SHEAR PROPERTIES OF RIBS FABRIC BY YARN PULL-OUT**  
BİLİŞİK A.

- TEKSTİL VE KONFEKSİYON, vol.22, no.4, pp.301-308, 2012 (Journal Indexed in SCI)
- XLVIII. **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 (Journal Indexed in SCI)
- XLIX. **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 (Journal Indexed in SCI)
- L. **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 (Journal Indexed in SCI)
- LI. **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 (Journal Indexed in SCI)
- LII. **Experimental determination of fabric shear by yarn pull-out method**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, vol.82, no.10, pp.1050-1064, 2012 (Journal Indexed in SCI)
- LIII. **Experimental Determination of Bending Behavior of Multilayered and Multistitched E-Glass Fabric Structures**  
BİLİŞİK A., YOLAÇAN G.  
TEXTILE RESEARCH JOURNAL, pp.1038-1049, 2012 (Journal Indexed in SCI)
- LIV. **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 (Journal Indexed in SCI)
- LV. **Multiaxis Three Dimensional (3D) Weaving for Composites: A Review**  
BİLİŞİK A.  
TEXTILE RESEARCH JOURNAL, 2012 (Journal Indexed in SCI)
- LVI. **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 (Journal Indexed in SCI)
- LVII. **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 (Journal Indexed in SCI)
- LVIII. **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 (Journal Indexed in SCI)
- LIX. **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 (Journal Indexed in SCI)
- LX. **Three Dimensional (3D) Axial Braided Preforms: Experimental Determination of Effects of Structure-Process Parameters on Unit Cell**  
BİLİŞİK A.  
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- LXI. **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**  
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