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International Researcher IDs

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Publons / Web Of Science ResearcherID: H-5517-2019

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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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., Sapancı 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

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- 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
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- BİLİŞİK A., Other International Funding Programs, 3D woven and braided preform developments, 1988 - 1991

Patent

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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

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

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

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

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

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

Nobelprize.org, Member, 2019 - Continues, Sweden

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

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): 1652

Citation (Scopus): 1929

H-Index (WoS): 23

H-Index (Scopus): 24

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 İpliği