

Prof. Özgür Demircan

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: E-2728-2012

ScopusID: 55486367300

Yoksis Researcher ID: 19433

Education Information

Doctorate, Kyoto Institute of Technology, İleri Fibro Bilimi, Japan 2010 - 2013

Postgraduate, Fachhochschule Niederrhein, Master Of Science İn Trade And Management, Germany 2004 - 2006

Undergraduate, Bursa Uludağ University, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, Turkey 1997 - 2002

Dissertations

Doctorate, MANUFACTURING, MODELING AND MECHANICAL CHARACTERIZATION OF INNOVATIVE BIAXIAL WEFT KNITTED COMPOSITES, Kyoto Institute of Technology, İleri Fibro Bilimi, 2013

Postgraduate, Identification and analysis of markets for machinery and plants for wet processed open width denim products, under special care for further finishing processes, Fachhochschule Niederrhein, Master Of Science İn Trade And Management, 2006

Research Areas

Testing and Control of Materials, Mechanical Properties, Physical Properties, Joining and Cutting, Composites, Adhesion and Adhesives, Polymeric Materials, Thermal Treatment, Plating, Material Characterization, Nanomaterials, Engineering and Technology

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2023 - Continues

Associate Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2016 - Continues

Assistant Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2013 - Continues

Research Assistant, Sabanci University, Mühendislik Ve Doğa Bilimleri Fakültesi, Malzeme Bilimi Ve Nano Mühendislik Bölümü, 2013 - 2015

Academic and Administrative Experience

Ondokuz Mayıs University, 2018 - Continues

Ondokuz Mayıs University, 2017 - Continues

Courses

Production Of Composite Materials, Postgraduate, 2018 - 2019, 2017 - 2018

Professional English, Undergraduate, 2018 - 2019

İLERİ KOMPOZİT MALZEMELER, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

MALZEME SEÇİMİ VE TASARIMI, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014

MESLEKİ İNGİLİZCE, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2013 - 2014

Malzeme Bilimi, Undergraduate, 2018 - 2019

POLİMER MALZEMELER, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014

ISIL İŞLEMLER, Undergraduate, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014

KOMPOZİT MALZEMELER, Undergraduate, 2017 - 2018, 2016 - 2017, 2014 - 2015

HAMMADDELER VE TEMEL İŞLEMLER, Undergraduate, 2017 - 2018, 2016 - 2017, 2014 - 2015

Vocational English, Undergraduate, 2017 - 2018

İleri Malzeme Karakterizasyonu, Postgraduate, 2017 - 2018

Polymer Characterization, Postgraduate, 2016 - 2017

Polimer Fizigi, Undergraduate, 2015 - 2016

Malzeme termodinamiği 1, Undergraduate, 2013 - 2014

Katılma süreçleri, Undergraduate, 2013 - 2014

Malzeme üretim laboratuvarı, Undergraduate, 2013 - 2014

Malzeme bilimi ve mühendisliğinde özel konular, Undergraduate, 2013 - 2014

Korozyon, Undergraduate, 2013 - 2014

Advising Theses

Özgür D., NANO MALZEME İÇEREN KARBON/CAM ELYAF TAKVİYELİ İKİ FARKLI EPOKSİ REÇİNELİ KOMPOZİT MALZEMELERİN MEKANİK ÖZELLİKLERİNİN İNCELENMESİ, Doctorate, B.ÇAKIR(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the Effect of CNTs on the Mechanical Properties of Biaxial Weft-knitted Thermoplastic Composites**
Demircan Ö., Simsek U. A.
FIBERS AND POLYMERS, vol.22, no.8, pp.2285-2295, 2021 (SCI-Expanded)
- II. **Investigation of the effect of CNTs on the mechanical properties of LPET/glass fiber thermoplastic composites**
Demircan Ö., Al-Darkazali A., İnanç İ., Eskizeybek V.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, no.12, pp.1652-1673, 2020 (SCI-Expanded)
- III. **Compression after Impact and Charpy Impact Characterizations of Glass Fiber/Epoxy/MWCNT Composites**
Demircan Ö., Kadioglu K., colak P., Günaydın E., Dogu M., Topalomer N., ESKİZEYBEK V.
FIBERS AND POLYMERS, vol.21, no.8, pp.1824-1831, 2020 (SCI-Expanded)
- IV. **An experimental study on tensile and bending properties of biaxial warp knitted textile composites**
Demircan Ö., Yılmaz Ç., Kocaman E. S., Yıldız M.

ADVANCED COMPOSITE MATERIALS, vol.29, no.1, pp.73-88, 2020 (SCI-Expanded)

- V. **Development of 3-D Hemispherical Biaxial Weft-Knitted Thermoset Composites**
Demircan Ö., Kosui T., Ashibe S., Nakai A.
TEKSTİL VE KONFEKSİYON, vol.29, no.4, pp.305-310, 2019 (SCI-Expanded)
- VI. **Mechanical Properties of Thermoplastic and Thermoset Composites Reinforced with 3D Biaxial Warp-knitted Fabrics**
Al-darkazali A., Colak P., Kadioglu K., Günaydın E., İnanç İ., Demircan Ö.
APPLIED COMPOSITE MATERIALS, vol.25, no.4, pp.939-951, 2018 (SCI-Expanded)
- VII. **Initial and final fracture behaviors of woven fabric composites**
Demircan O.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.23, no.2, pp.161-177, 2016 (SCI-Expanded)
- VIII. **Tensile and bending properties of biaxial weft-knitted and cross-ply thermoplastic composites**
Demircan O., Ashibe S., Kosui T., Nakai A.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.28, no.8, pp.1233-1249, 2015 (SCI-Expanded)
- IX. **Effect of fiber densities on impact properties of biaxial warp-knitted textile composites**
Demircan Ö., YILMAZ Ç., Kocaman E. S., Tang S., Hamada H., Yildiz M.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, no.16, pp.1287-1297, 2015 (SCI-Expanded)
- X. **Mechanical properties of biaxial weft-knitted and cross-ply thermoplastic composites**
Demircan O., Ashibe S., Kosui T., Nakai A.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.28, no.7, pp.1058-1074, 2015 (SCI-Expanded)
- XI. **Effect of various loop lengths on mechanical properties of biaxial weft-knitted thermoplastic composites**
Demircan O., Ashibe S., Kosui T., Nakai A.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.28, no.7, pp.1075-1088, 2015 (SCI-Expanded)
- XII. **Effect of various knitting techniques on mechanical properties of biaxial weft-knitted thermoplastic composites**
Demircan O., Ashibe S., Kosui T., Nakai A.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.28, no.6, pp.896-910, 2015 (SCI-Expanded)
- XIII. **Modeling of tensile and bending properties of biaxial weft knitted composites**
Demircan O., Ashibe S., Kosui T., Nakai A.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.22, no.3, pp.303-313, 2015 (SCI-Expanded)
- XIV. **Effect of surface treatment and twisting on tensile and bending properties of aramid unidirectional composites**
Demircan Ö., Kosui T., Ashibe S., Nakai A.
COMPOSITE INTERFACES, vol.21, no.4, pp.287-299, 2014 (SCI-Expanded)
- XV. **Effect of stitch and biaxial yarn types on tensile, bending, and impact properties of biaxial weft-knitted composites**
Demircan Ö., Kosui T., Ashibe S., Nakai A.
ADVANCED COMPOSITE MATERIALS, vol.23, no.3, pp.239-260, 2014 (SCI-Expanded)
- XVI. **Effect of stitch and biaxial yarn types on the impact properties of biaxial weft knitted textile composites**
Demircan Ö., Kosui T., Ashibe S., Hamada Y., Nakai A.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.20, no.3, pp.255-264, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Tensile and charpy impact properties of CNTs integrated PET/ Glass Fiber thermoplastic composites with commingled yarn**
Demircan Ö., Mohammed S. S., Ahmed A. M. B.
Research on Engineering Structures and Materials, vol.9, no.1, pp.53-65, 2023 (Scopus)

- II. **Influence of multi-walled carbon nanotubes on tensile and flexural properties of polyamide 66/short glass fiber composites**
Demircan Ö., Uzunoglu F. B., Ansaroudi N. R.
Research on Engineering Structures and Materials, vol.8, no.4, pp.659-674, 2022 (Scopus)
- III. **Tensile and flexural properties of MWCNT-COOH and hBN integrated polyamide 66/short glass fiber composites**
Demircan Ö., Ansaroudi N. R., Uzunoğlu F. B.
Research on Engineering Structures and Materials, vol.8, no.1, pp.1-18, 2022 (Scopus)
- IV. **Compression after impact properties of glass fiber/epoxy/MWCNT composites**
Demircan Ö.
Research on Engineering Structures and Materials, vol.6, no.1, pp.53-62, 2020 (Scopus)
- V. **Flexural properties of glass fiber/epoxy/MWCNT composites**
Demircan Ö., Çolak P., Kadioğlu K., Günaydin E.
Research on Engineering Structures and Materials, vol.5, no.2, pp.91-98, 2019 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **3d Printer Teknolojisi İle Havacılık Sektörüne Yönelik Malzeme Ve Prototip Geliştirilmesi**
Zarahoğlu G., Gündoğdu M., Yoldemir K., Darı İ., Bakılan B., İnal T., DEMİRCAN Ö.
UHUK 2022, 14 September 2022
- II. **3D Printer Teknolojisi ile Havacılık Sektörüne Yönelik Chaff - Flare Magazine Geliştirilmesi**
Zarahoğlu G., Gündoğdu M., Yoldemir K., Darı İ., Bakılan B., İnal T., DEMİRCAN Ö.
TUSAŞ LIFT UP 2021-2022 Sanayi Odaklı Lisans Bitirme Projeleri Konferansı, 10 August 2022
- III. **Research Of The Adhesion Properties Of Elastomeric Rubber To Glass Fiber/Carbon Fiber Reinforced Epoxy Resin Composite Plates**
Şahinkaya E., Göksüzoğlu M., DEMİRCAN Ö.
2. International Cappadocia Scientific Research Congress, Turkey, 17 - 19 June 2022
- IV. **KARBON NANOTÜP KATKISININ KARBON FİBER TAKVİYELİ POLİMER MATRİSLİ KOMPOZİTLERİN MEKANİK ÖZELLİKLERİ ÜZERİNE ETKİSİ**
İBRAHİM M. H. İ., DEMİRCAN Ö.
8. uluslararası mühendislik mimarlık ve tasarım kongresi, İstanbul, Turkey, 06 December 2021
- V. **TENSILE AND CHARPY IMPACT PROPERTIES OF GLASS FIBER/PET/MWCNT THERMOPLASTIC COMPOSITES**
DEMİRCAN Ö., SUFYAN S.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- VI. **INVESTIGATION OF TENSILE BEHAVIOUR OF PA 66/GLASS FIBER/MWCNT COMPOSITES**
DEMİRCAN Ö., UZUNOĞLU F.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- VII. **ÇEKİRDEK MALZEMELİ POLİMER MATRİSLİ CAM ELYAF TAKVİYELİ SANDVİÇ KOMPOZİTLERDE HEGZAGONAL BOR NİTRÜR NANO MALZEMELERİN DARBE ÖZELLİKLERİNE ETKİSİNİN İNCELENMESİ**
DEMİRCAN Ö., Yıldız A., YILDIZ D.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, 27 - 29 December 2019
- VIII. **INVESTIGATION OF FLEXURAL PROPERTIES OF PA66/GLASS FIBER/MODIFIED-MWCNTS COMPOSITES**
ANSAROUDI N., İNANÇ İ., DEMİRCAN Ö.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, 27 - 29 December 2019
- IX. **TENSILE AND CHARPY IMPACT PROPERTIES OF MODIFIED MWCNTS INTEGRATED GLASS FIBER/PET THERMOPLASTIC COMPOSITES**
DEMİRCAN Ö., SUFYAN S.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019

- X. **A STUDY ON TENSILE BEHAVIOUR OF PA 66/GLASS FIBER COMPOSITES**
DEMİRCAN Ö., UZUNOĞLU F.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- XI. **EFFECT OF INTEGRATION OF MODIFIED MULTI-WALLED CARBON NANOTUBES (MWCNTs-COOH) ON FLEXURAL PROPERTIES OF THERMOPLASTIC COMPOSITES**
DEMİRCAN Ö., Basem A.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- XII. **ÇEKİRDEK MALZEMELİ POLİMER MATRİSLİ CAM ELYAF TAKVİYELİ KOMPOZİTLERDE HEKZAGONAL BOR NİTRÜR NANO MALZEMELERİN ARAYÜZ ÖZELLİKLERİNE ETKİSİNİN İNCELENMESİ**
DEMİRCAN Ö., Yıldız A., YILDIZ D.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, 27 - 29 December 2019
- XIII. **PA 66/CAM ELYAF/COOH-MWCNT'Lİ KOMPOZİTLERİN ÇEKME ÖZELLİKLERİNİN ARAŞTIRILMASI**
ANSAROUDI N., İNANÇ İ., DEMİRCAN Ö.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, 27 - 29 December 2019
- XIV. **AL2O3 KATKILI LPET/CAM FİBER TERMOPLASTİK KOMPOZİT MALZEMELERİN DARBE VE ÇEKME ÖZELLİKLERİNİN İNCELENMESİ**
DEMİRCAN Ö., Yıldız A.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- XV. **BONDING OF THERMOSET MATRIX COMPOSITE MATERIALS USING SPECIAL METHODS**
DEMİRCAN Ö., Çelik U.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- XVI. **INVESTIGATION OF THE EFFECT OF MWCNT ON THE FLEXURAL PROPERTIES OF PET/GLASS FIBER THERMOPLASTIC COMPOSITES**
DEMİRCAN Ö., Basem A.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- XVII. **MWCNT TAKVİYELİ ÇİFT EKSENLİ ATKILI ÖRME KUMAŞLARIN DARBE ÖZELLİKLERİNİN İNCELENMESİ**
DEMİRCAN Ö., Yıldız A.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- XVIII. **BONDING OF THERMOPLASTIC MATRIX COMPOSITE MATERIALS USING SPECIAL METHODS**
DEMİRCAN Ö., Çelik U.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSELYAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- XIX. **Effect of Integration of Carbon Nanotubes (CNTs) on Flexural Properties of Thermoset Composites**
Çolak P., Kadioğlu K., Günaydın E., DEMİRCAN Ö.
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), 22 - 24 March 2018
- XX. **Effect of Integration of Carbon Nanotubes (CNTs) on Compression after Impact Properties of Thermoset Composites**
Günaydın E., Kadioğlu K., Çolak P., DEMİRCAN Ö.
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), 22 - 24 March 2018
- XXI. **Effect of Integration of Carbon Nanotubes (CNTs) on Flexural Properties of Thermoplastic Composites**
DEMİRCAN Ö., Yıldız A.
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), 22 - 24 March 2018
- XXII. **Flexural properties of glass fiber/LPET/AL2O3 thermoplastic composites**
DEMİRCAN Ö., Yıldız A.
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 2018
- XXIII. **Flexural properties of glass fiber/polypropylene/MWCNT thermoplastic composites**
DEMİRCAN Ö., Yıldız A.
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 2018
- XXIV. **Effect of Integration of Carbon Nanotubes (CNTs) on the Mechanical Properties of Thermoset Composites Reinforced with 3D Biaxial Warp-Knitted Fabric**

Çolak P., Kadioğlu K., Günaydın E., DEMİRCAN Ö.

Proceedings of the 8th World Conference on 3D Fabrics and Their Applications, 28 - 29 March 2018

- XXV. **Effect of Various Matrix Types on Mechanical Properties of Thermoplastic Composites Reinforced with 3D Biaxial Warp- Knitted Fabric**

Aldarkazali A., İNANÇ İ., DEMİRCAN Ö.

Proceedings of the 8th World Conference on 3D Fabrics and Their Applications, 28 - 29 March 2018

- XXVI. **Effect of Integration of Carbon Nanotubes (CNTs) on the Mechanical Properties of Thermoplastic Composites**

Aldarkazali A., İNANÇ İ., DEMİRCAN Ö.

3rd Joint Turkey-Japan Workshop on Polymeric Composite Materials, 5 - 07 July 2017

- XXVII. **Effect of Process Conditions on Mechanical Properties of Thermoplastic Composite Materials**

Kirman A., Akyüz G. D., Kadioğlu K., DEMİRCAN Ö.

3rd Joint Turkey-Japan Workshop on Polymeric Composite Materials, 5 - 07 July 2017

- XXVIII. **Effect of Various Matrix Types on the Tensile and Bending Properties of Thermoplastic Composites**

Aldarkazali A., İNANÇ İ., DEMİRCAN Ö.

3rd Joint Turkey-Japan Workshop on Polymeric Composite Materials, 5 - 07 July 2017

- XXIX. **Effect of Integration of Carbon Nanotubes (CNTs) on the Tensile and Bending Properties of Thermoplastic Composites**

Aldarkazali A., İNANÇ İ., DEMİRCAN Ö.

EuroNanoForum 2017, 21 - 23 June 2017

- XXX. **Improving Mechanical Properties of Elastomeric Polyurethane by Reinforcing with Multi-Walled Carbon Nanotubes (MWCNTs)**

Kirman A., Akyüz G. D., DEMİRCAN Ö.

EuroNanoForum 2017, 21 - 23 June 2017

- XXXI. **Improving Mechanical Properties of Epoxy Resin by Reinforcing with Multi-Walled Carbon Nanotubes (MWCNTs)**

Akyüz G. D., Kirman A., DEMİRCAN Ö.

EuroNanoForum 2017, 21 - 23 June 2017

- XXXII. **Karbon Nanotüp (KNT) katkılı termoplastik tabanlı kompozit malzemelerin mekanik özelliklerinin araştırılması**

ALDARKAZALI A., İNANÇ İ., DEMİRCAN Ö.

2. ULUSLARARASI LİF ve POLİMER ARAŞTIRMALARI SEMPOZYUMU, 27 - 28 April 2017

- XXXIII. **Grafen Nano Parçacık (GNP) yapıları entegre edilmiş fiber takviyeli termoplastik kompozit malzemeler**

DEMİRCAN Ö.

IX. ULUSLARARASI AR-GE PROJE PAZARI ZİRVESİ, 27 - 28 April 2017

- XXXIV. **Investigation of mechanical properties of thermoplastic based composite materials for the applications of aeronautics**

Kirman A., Akyüz G. D., Kadioğlu K., DEMİRCAN Ö.

2nd International Defense Industry Symposium, 6 - 07 April 2017

- XXXV. **Investigation of the effect of fiber stacking sequence on interfacial properties of fiber reinforced polymeric composites by conducting mechanical tests**

Günaydın E., Kadioğlu K., DEMİRCAN Ö.

2nd International Defense Industry Symposium, 6 - 07 April 2017

- XXXVI. **Effect of matrix type on the mechanical properties of thermoplastic composites for the application of aeronautics industry**

ALDARKAZALI A., İNANÇ İ., DEMİRCAN Ö.

2nd International Defense Industry Symposium, 6 - 07 April 2017

- XXXVII. **Effect of nanomaterials on the mechanical properties of thermoplastic composites for the application of aeronautics industry**

ALDARKAZALI A., İNANÇ İ., DEMİRCAN Ö.

- 2nd International Defense Industry Symposium, 6 - 07 April 2017
- XXXVIII. **Investigation of the mechanical properties of carbon nanotube integrated glass fiber reinforced composite materials**
Çolak P., Akyüz G. D., DEMİRCAN Ö.
2nd International Defense Industry Symposium, 6 - 07 April 2017
- XXXIX. **Effect of Various Fiber Densities on Tensile and Impact Properties of Biaxial Warp Knitted Textile Composites**
DEMİRCAN Ö., Yılmaz C., Kocaman E. S., Tang S., Hamada H., YILDIZ M.
The 10th Asian-Australasian Conference on Composite Materials (ACCM-10), 16 - 19 October 2016
- XL. **Improving Mechanical Properties of Soft Polyurethane by Reinforcing With Multiwall Carbon Nanotubes MWCNTs**
Akyüz G. D., AVCIOĞLU S., DEMİRCAN Ö.
The 10th Asian-Australasian Conference on Composite Materials (ACCM-10), 16 - 19 October 2016
- XLI. **Karbon Nanotüp (MWCNTs) Takviyeli Polimer Malzemenin Mekanik Performansının Belirlenmesi ve Yapay Damar Üretimi Üzerine Etkisinin Araştırılması**
Akyüz G. D., DEMİRCAN Ö.
6. Ulusal Polimer Bilim ve Teknoloji Kongresi, Turkey, 4 - 07 September 2016
- XLII. **Modeling of Thin ply Textile Composites**
DEMİRCAN Ö., Yılmaz C., Kocaman E., Yıldız M.
2nd Turkey-Japan Workshop on Polymeric Composite Materials, İzmir, Turkey, 8 - 09 May 2015
- XLIII. **Bending Properties and Finite Element Modeling of Biaxial Weft Knitted Composites**
DEMİRCAN Ö., Hamada Y., Kosui T., Nakai A., Hamada H.
ASME International Mechanical Engineering Congress & Exhibition, 9 - 16 November 2012
- XLIV. **Effect of Stitch Yarn on Tensile Properties of Biaxial Weft Knitted Thermoplastic Composites**
DEMİRCAN Ö., Hamada Y., Kosui T., Nakai A.
ECCM 15, 15 th European Conference on Composite Materials, 24 - 28 June 2012
- XLV. **Bending and Impact Properties of Biaxial Weft Knitted Composites**
DEMİRCAN Ö., Torun A. R., Kosui T., Nakai A., Hamada H.
ASME International Mechanical Engineering Congress & Exhibition, Denver, 11 - 17 November 2011
- XLVI. **Effect of stitch and reinforcement yarn types on tensile properties of biaxial weft knitted composites**
DEMİRCAN Ö., Torun A. R., Kosui T., Nakai A.
12 th Japan International Sampe Symposium & Exhibition JISSE 12, 9 - 11 November 2011

Supported Projects

- Demircan Ö., Project Supported by Higher Education Institutions, Kompozit malzemelerde dört nokta eğme testi sonrası için kırılma analiz cihazı ve analiz yöntemi, 2020 - 2023
- Demircan Ö., Project Supported by Higher Education Institutions, Nano malzemeyle kaplanmış karışım fiberli (polimer ve takviye fiberi) termoplastik kompozit malzemelerin mekanik özelliklerinin iyileştirilmesi2, 2018 - 2023
- Demircan Ö., Project Supported by Higher Education Institutions, 3rd Joint Turkey-Japan Workshop on Polymeric Composite Materials, 2017 - 2023
- Demircan Ö., Project Supported by Higher Education Institutions, Kompozit Malzemelerin Nanoparçacıklar Kullanılarak Birleştirilmesi, 2020 - 2022
- Demircan Ö., Project Supported by Higher Education Institutions, Metalürji ve Malzeme Mühendisliği Bölümünün Lisans Laboratuvarlarının Öğretim Altyapısının Geliştirilmesi, 2020 - 2021
- Demircan Ö., Project Supported by Higher Education Institutions, The 8th World Conference in 3D Fabrics and Their Applications, 2018 - 2019
- Demircan Ö., Project Supported by Higher Education Institutions, 10th Asian-Australasian Conference on Composite Materials (ACCM-10), 2016 - 2016
- Demircan Ö., Project Supported by Higher Education Institutions, Proceedings of the International Symposium on Fiber

Patent

Özgür D., Gürbüz M., Nanomalzeme Katkılı Fiber Takviyeli Termoplastik Kompozit Malzeme ve Bunun Üretim Yöntemi, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2018 18590 , Standard Registration, 2022

Özgür D., Kompozit malzemelerde dört nokta eğme testi sonrası için kırılma analiz cihazı ve analiz yöntemi, Patent, CHAPTER G Physics, The Invention Registration Number: 2019 22117 , Standard Registration, 2021