

## Assoc. Prof. OKAN ÖZDEMİR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: P-9424-2019

ScopusID: 55245734900

Yoksis Researcher ID: 103811

### Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Mekanik (Dr), Turkey 2012 - 2015

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Mekanik (Yl) (Tezli), Turkey 2010 - 2012

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2005 - 2010

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Fabrication and characterization of ionic polymer-metal composites, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Mekanik (Dr), 2015

Postgraduate, Core material effect on impact behavior of glass fiber sandwich composites, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Mekanik (Yl) (Tezli), 2012

### Research Areas

Mechanical Engineering, Mechanical, Solid Mechanics, Finite Element Methods, Mechanical Testing

### Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2019 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2016 - 2019

Research Assistant PhD, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2015 - 2016

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2014 - 2015

### Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2022 - 2023  
Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2019 - 2022

## Courses

Deneysel Mekaniik, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Kompozit Malzeme Mekaniği, Undergraduate, 2023 - 2024, 2022 - 2023  
Teknik Resim II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Deneysel Mekaniik, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Teknik Resim II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Teknik Resim I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Teknik Resim I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Uygulamalı İleri Mukavemet, Undergraduate, 2023 - 2024  
Kompozit Malzeme Mekaniği, Undergraduate, 2023 - 2024, 2022 - 2023  
ENDÜSTRİYEL UYGULAMALARLA BİLG. DES. MÜH.; Undergraduate, 2022 - 2023, 2021 - 2022  
KABUKLAR VE PLAKLAR TEORİSİ, Postgraduate, 2023 - 2024, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2017 - 2018  
ENDÜSTRİYEL UYGULAMALARLA BİLG. DES. MÜH., Undergraduate, 2022 - 2023, 2021 - 2022  
Teknik Resim, Undergraduate, 2022 - 2023, 2019 - 2020, 2018 - 2019  
Mühendislik Mekaniği, Undergraduate, 2022 - 2023  
MAKİNA MÜHENDİSLİĞİNDE ÖLÇÜM VE ANALİZ LAB, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Sonlu Elemanlara Giriş, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Sonlu Elemanlara Giriş, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Mukavemet 1, Undergraduate, 2020 - 2021  
Mukavemet I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Termoelastisite, Doctorate, 2020 - 2021, 2019 - 2020  
Bitirme Projesi, Undergraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017  
Temel Bilgi Teknolojileri, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017  
Araştırma Projesi, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017  
Bilgisayar Programlama, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Mukavemet II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Dinamik, Undergraduate, 2017 - 2018, 2016 - 2017

## Advising Theses

Özdemir O., Nano malzeme takviyeli kompozitlerin çeşitli ortamlarda yaşlanma davranışlarının incelenmesi, Doctorate, H.KANDAŞ(Student), 2023  
Özdemir O., Farklı çekirdek kalınlıklarına sahip alüminyum bal peteği kompozitlerin düşük hızlı darbe davranışları, Postgraduate, K.KARATAŞ(Student), 2023  
Özdemir O., Vakum infüzyon ile üretilmiş parçacık takviyeli kompozitlerin mekanik özelliklerinin incelenmesi, Postgraduate, S.ALTUNÇ(Student), 2023  
Özdemir O., Investigation of buckling and fatigue behavior of various aluminium based metal composite materials, Postgraduate, Ç.ORUÇ(Student), 2021  
Özdemir O., Investigation and optimization of biaxial fatigue behavior of aluminium alloy wheels, Postgraduate, B.KIVANÇ(Student), 2021

ÖZDEMİR O., Sandviç kompozitlerin ön yüklemeler altında düşük hızlı darbe davranışları, Postgraduate, M.TURGUT(Student), 2020

ÖZDEMİR O., Investigation of low velocity impact behaviors of thermoplastics composites, Postgraduate, O.DURDU(Student), 2020

ÖZDEMİR O., Investigation of the mechanical properties of adhesively bonded single-lap thermoplastics composites, Postgraduate, D.KÖKSAL(Student), 2020

ÖZDEMİR O., Determination of mechanical properties of sandwich composites reinforced with metal wastes, Postgraduate, A.POURFARIVARNEZHAD(Student), 2020

ÖZDEMİR O., Repair methods of glass fiber reinforcement thermoplastic composites subjected to low velocity impact, Postgraduate, V.ERDEM(Student), 2019

ÖZDEMİR O., Investigation of mechanical properties of pine-cone reinforced composites, Postgraduate, S.AĞAYEV(Student), 2018

ÖZDEMİR O., Low velocity impact behavior of glass fiber reinforced polypropylene composites with different preloads, Postgraduate, H.KANDAŞ(Student), 2018

## **Jury Memberships**

Doctoral Examination, Doctoral Examination, Manisa Celal Bayar Üniversitesi, September, 2023

Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, August, 2023

Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, July, 2023

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

- I. **Investigation of glass/epoxy laminate composites reinforced with bio-particles under mechanical loading**  
Kandas H., Özdemir O.  
MATERIALS TESTING, no.3, pp.444-452, 2023 (SCI-Expanded)
- II. **Impact response of sandwich composites reinforced with metal wastes under single and repeated low-velocity impact loads**  
Pourfarivarnezhad A., ÖZDEMİR O., Deniz M. E.  
Mechanics of Advanced Materials and Structures, 2023 (SCI-Expanded)
- III. **An investigation of the mechanical characteristics of natural particle-reinforced glass and epoxy composites after immersion in acidic and basic aging solutions**  
Kandas H., ÖZDEMİR O.  
Polymer Composites, 2023 (SCI-Expanded)
- IV. **Investigation of the buckling behavior of a control arm with Si particle reinforced aluminum based metal composite material**  
Oruc C., Özdemir O.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART D-JOURNAL OF AUTOMOBILE ENGINEERING, vol.237, no.1, pp.266-272, 2023 (SCI-Expanded)
- V. **Load-carrying capacity of hot-pressed thermoplastic composite joints**  
ÖZDEMİR O., Koksall D., Kemiklioglu U.  
MATERIALS TESTING, vol.64, no.11, pp.1614-1626, 2022 (SCI-Expanded)
- VI. **Low velocity impact response of sandwich composites with hybrid glass/natural fiber face-sheet and PET foam core**  
Al-Shamary A. K. J., KARAKUZU R., ÖZDEMİR O., ÖZDEMİR O.  
MATERIALS TESTING, vol.64, no.10, pp.1465-1479, 2022 (SCI-Expanded)
- VII. **Experimental investigation of the impact behavior of glass/epoxy composite materials with the natural fiber layer**

Al-Shamary A. K. J., KARAKUZU R., ÖZDEMİR O., ÖZDEMİR O.  
MATERIALS TESTING, vol.64, no.6, pp.780-786, 2022 (SCI-Expanded)

- VIII. **Finite element simulation and experimental investigation on the effect of temperature on pseudoelastic behavior of perforated Ni-Ti shape memory alloy strips**  
Altas E., Khosravi F., Gokkaya H., Arab Maleki V., Aknay Y., Özdemir O., Bayraktar Ö., Kandas H.  
SMART MATERIALS AND STRUCTURES, vol.31, no.2, 2022 (SCI-Expanded)
- IX. **Quasi-static perforation response of inter-ply hybrid polypropylene composites at various temperatures**  
Öztoprak N., Özdemir O., Kandas H.  
JOURNAL OF COMPOSITE MATERIALS, vol.56, no.3, pp.359-371, 2022 (SCI-Expanded)
- X. **Low-velocity impact behaviours of thermoplastic composites reinforced polypropylene glass fabric with different embedded delaminations**  
Durdu O., ÖZDEMİR O., Kemiklioglu U.  
PLASTICS RUBBER AND COMPOSITES, vol.51, no.1, pp.35-46, 2022 (SCI-Expanded)
- XI. **Effect of drop weight impact on the torsional-loading behavior of filament wound and prepreg-wrapped composite tubes**  
Soykök İ. F., Tas H., Özdemir O., Kandas H.  
POLYMERS & POLYMER COMPOSITES, vol.29, no.6, pp.617-628, 2021 (SCI-Expanded)
- XII. **An experimental study on low velocity impact behavior of thermoplastic composites repaired by composite patches**  
Zorer E., Özdemir O., Öztoprak N.  
JOURNAL OF COMPOSITE MATERIALS, vol.54, no.28, pp.4515-4524, 2020 (SCI-Expanded)
- XIII. **Influence of Preload Type on the Low Velocity Impact Response of Glass Fiber Reinforced Thermoplastic Composites**  
Kandas H., Ozdemir O.  
INTERNATIONAL POLYMER PROCESSING, vol.35, no.2, pp.193-202, 2020 (SCI-Expanded)
- XIV. **The effect of gold electrode thicknesses on electromechanical performance of Nafion-based Ionic Polymer Metal Composite actuators**  
Yılmaz O. C., Sen I., GÜRSES B. O., ÖZDEMİR O., ÇETİN L., SARIKANAT M., SEKİ Y., SEVER K., Altinkaya E.  
COMPOSITES PART B-ENGINEERING, vol.165, pp.747-753, 2019 (SCI-Expanded)
- XV. **Fabrication of high density polyethylene composites reinforced with pine cone powder: mechanical and low velocity impact performances**  
Agayev S., ÖZDEMİR O.  
MATERIALS RESEARCH EXPRESS, vol.6, no.4, 2019 (SCI-Expanded)
- XVI. **Experimental investigation of transverse loading on composite panels coated with different gelcoat colors subjected to UV radiation and hygrothermal aging**  
Dogan A., ARMAN Y., ÖZDEMİR O.  
MATERIALS RESEARCH EXPRESS, vol.6, no.2, 2019 (SCI-Expanded)
- XVII. **Single and repeated impact behaviors of bio-sandwich structures consisting of thermoplastic face sheets and different balsa core thicknesses**  
ÖZDEMİR O., ÖZTOPRAK N., Kandas H.  
COMPOSITES PART B-ENGINEERING, vol.149, pp.49-57, 2018 (SCI-Expanded)
- XVIII. **Characterization and analysis of motion mechanism of electroactive chitosan-based actuator**  
Altinkaya E., SEKİ Y., ÇETİN L., GÜRSES B. O., ÖZDEMİR O., SEVER K., SARIKANAT M.  
CARBOHYDRATE POLYMERS, vol.181, pp.404-411, 2018 (SCI-Expanded)
- XIX. **An investigation into the effects of fabric reinforcements in the bonding surface on failure response and transverse impact behavior of adhesively bonded dissimilar joints**  
ÖZDEMİR O., ÖZTOPRAK N.  
COMPOSITES PART B-ENGINEERING, vol.126, pp.72-80, 2017 (SCI-Expanded)
- XX. **Electromechanical characterization of multilayer graphene-reinforced cellulose composite containing 1-ethyl-3-methylimidazolium diethylphosphonate ionic liquid**

- Akar E., SEKİ Y., ÖZDEMİR O., Sen I., SARIKANAT M., GÜRSES B. O., Yılmaz O. C., ÇETİN L., SEVER K.  
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.24, no.2, pp.289-295, 2017 (SCI-Expanded)
- XXI. **Low-velocity impact response of sandwich composites with different foam core configurations**  
Al-Shamary A. K. J., KARAKUZU R., ÖZDEMİR O.  
JOURNAL OF SANDWICH STRUCTURES & MATERIALS, vol.18, no.6, pp.754-768, 2016 (SCI-Expanded)
- XXII. **LOW VELOCITY IMPACT RESPONSE OF BIODEGRADABLE PLA COMPOSITES REINFORCED BY RECLAIMED COTTON PREFORMS**  
PAMUK G., Kemiklioglu U., Sayman O., ÖZDEMİR O.  
TEKSTİL VE KONFEKSİYON, vol.26, no.3, pp.321-326, 2016 (SCI-Expanded)
- XXIII. **Experimental analysis of single-lap composite joints with two different adhesives at various conditions**  
Ghanbari E., Sayman O., PEKBEY Y., ÖZDEMİR O.  
JOURNAL OF COMPOSITE MATERIALS, vol.50, no.13, pp.1709-1715, 2016 (SCI-Expanded)
- XXIV. **Electromechanical performance of chitosan-based composite electroactive actuators**  
Altinkaya E., SEKİ Y., Yılmaz O. C., ÇETİN L., ÖZDEMİR O., Sen I., SEVER K., GÜRSES B. O., SARIKANAT M.  
COMPOSITES SCIENCE AND TECHNOLOGY, vol.129, pp.108-115, 2016 (SCI-Expanded)
- XXV. **Manufacturing and characterization of vine stem reinforced high density polyethylene composites**  
Kilinc A. Ç., Atagur M., Ozdemir O., Sen I., Kucukdogan N., Sever K., Seydibeyoglu O., Sarikanat M., SEKİ Y.  
COMPOSITES PART B-ENGINEERING, vol.91, pp.267-274, 2016 (SCI-Expanded)
- XXVI. **Improvement of the electromechanical performance of carboxymethylcellulose-based actuators by graphene nanoplatelet loading**  
ÖZDEMİR O., KARAKUZU R., SARIKANAT M., SEKİ Y., Akar E., ÇETİN L., Yılmaz O. C., SEVER K., Sen I., GÜRSES B. O.  
CELLULOSE, vol.22, no.5, pp.3251-3260, 2015 (SCI-Expanded)
- XXVII. **Effects of PEG loading on electromechanical behavior of cellulose-based electroactive composite**  
ÖZDEMİR O., KARAKUZU R., SARIKANAT M., Akar E., SEKİ Y., Cetin L., Sen I., GÜRSES B. O., Yılmaz O. C., Sever K., et al.  
Cellulose, vol.22, no.3, pp.1873-1881, 2015 (SCI-Expanded)
- XXVIII. **Electroactive behavior of graphene nanoplatelets loaded cellulose composite actuators**  
Sen I., SEKİ Y., SARIKANAT M., ÇETİN L., GÜRSES B. O., ÖZDEMİR O., Yılmaz O. C., SEVER K., Akar E., Mermer O.  
COMPOSITES PART B-ENGINEERING, vol.69, pp.369-377, 2015 (SCI-Expanded)
- XXIX. **Core-thickness effect on the impact response of sandwich composites with poly(vinyl chloride) and poly(ethylene terephthalate) foam cores**  
ÖZDEMİR O., KARAKUZU R., Al-Shamary A. K. J.  
Journal of Composite Materials, vol.49, no.11, pp.1315-1329, 2015 (SCI-Expanded)
- XXX. **Investigation of the effects of PWM parameters on ionic polymer metal composite actuators**  
Yılmaz O. C., Cetin L., GÜRSES B. O., Sen I., ÖZDEMİR O., SARIKANAT M., SEKİ Y., SEVER K., Akar E., Mermer O.  
SMART MATERIALS AND STRUCTURES, vol.23, no.9, 2014 (SCI-Expanded)
- XXXI. **Failure pressure and impact response of glass-epoxy pipes exposed to seawater**  
DENİZ M. E., ÖZDEMİR O., ÖZEN M., KARAKUZU R.  
COMPOSITES PART B-ENGINEERING, vol.53, pp.355-361, 2013 (SCI-Expanded)
- XXXII. **Environmental effect on fatigue life of glass-epoxy composite pipes subjected to impact loading**  
Deniz M. E., Ozen M., ÖZDEMİR O., KARAKUZU R., Icten B. M.  
COMPOSITES PART B-ENGINEERING, vol.44, no.1, pp.304-312, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of Bio-Particles on Mechanical and Quasi-Static Punch Shear Behaviors of Glass/Epoxy Composites**  
Kandas H., Ozdemir O.  
Scientific Research Communications, vol.2, no.2, pp.1-9, 2022 (Peer-Reviewed Journal)
- II. **Çam ve Meşe Palamudu Tozu Takviyeli Kompozitlerin Mekanik Özelliklerinin İncelenmesi**

Kandas H., Özdemir O.

Deu Muhendislik Fakultesi Fen ve Muhendislik, vol.23, no.67, pp.147-155, 2021 (Peer-Reviewed Journal)

III. **Impact and Post Impact Behavior of Hybrid Composites**

Alshamary A. K. J., DOĞAN A., ÖZDEMİR O., KARAKUZU R.

Diyala Journal of Engineering Sciences, vol.11, no.4, pp.46-52, 2018 (Peer-Reviewed Journal)

IV. **Cam Lifi Takviyeli Polipropilen Kompozitlerde Kalınlığın ve Sıcaklığın Darbe Davranışına Etkileri**

ÖZDEMİR O., Kandaş H.

Tekstil ve Mühendis, vol.25, no.110, pp.103-112, 2018 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

I. **Quasi-static punch shear responses of glass/epoxy composites reinforced with pinecone upon immersion in acidic & basic solutions**

Karakuzu R., Kandaş H.

7 th International Students Science Congress, İzmir, Turkey, 12 - 13 May 2023, no.40, pp.270-274

II. **VAKUM İNFÜZYON YÖNTEMİ İLE ÜRETİLEN MEŞE PALAMDU TAKVİYELİ CAM ELYAF/EPOKSİ KOMPOZİTLERİN MEKANİK ÖZELLİKLERİNE UZAKLIĞIN ETKİSİ**

Altunç S., Özdemir O.

EGE 7th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Turkey, 24 - 25 December 2022, pp.871-877

III. **Optimization of Particle Conveying and Their Transferring Capacity by Using Air Amplifier with Finite Element Method Analysis**

Soroush Soleimani S., Özdemir O.

6th International Students Science Congress, İzmir, Turkey, 20 - 21 May 2022, pp.264-269

IV. **THE EFFECT OF DIFFERENT ACIDIC AGING ENVIRONMENTS ON THE MECHANICAL PROPERTIES OF LONG GLASS FIBER REINFORCED POLYPROPYLENE COMPOSITES**

Doğan A., Kandas H., Özdemir O.

5TH INTERNATIONAL "BAŞKENT" CONGRESS ON PHYSICAL, SOCIAL AND HEALTH SCIENCES, Ankara, Turkey, 11 - 12 June 2022, pp.776-782

V. **Effects of Bio-Particles on Mechanical and Quasi-Static Punch Shear Behaviors of Glass/Epoxy Composites**

Kandas H., ÖZDEMİR O.

6th International Students Science Congress, İzmir, Turkey, 20 - 21 May 2022, pp.81

VI. **Sandviç Kompozitlerin Yarı-Statik Penetrasyon Davranışlarına Yaşlanmanın Etkisi**

Kandas H., ÖZDEMİR O., DOĞAN A.

1st International Conference on Engineering and Applied Natural Sciences (ICEANS 2022), Konya, Turkey, 10 May 2022, pp.1784-1788

VII. **Cam Elyaf Takviyeli Termoplastik Kompozitlerin Yarı-Statik Penetrasyon Davranışları**

DOĞAN A., Kandas H., ÖZDEMİR O.

III. INTERNATIONAL "BAŞKENT" CONGRESS ON PHYSICAL, SOCIAL AND HEALTH SCIENCES, İstanbul, Turkey, 4 - 05 December 2021, pp.335-342

VIII. **Investigation of Quasi-Static Punch-Shear Behavior of Acorn Powder Reinforced Composites**

Kandas H., ÖZDEMİR O.

5th International Students Science Congress, İzmir, Turkey, 21 - 22 May 2021

IX. **Investigation of the Effects of Core Thickness on Low Velocity Impact Behaviors of Aluminum Honeycomb Composites**

Karataş K., ÖZDEMİR O.

5th International Students Science Congress, İzmir, Turkey, 21 - 22 May 2021

X. **Aluminyum Alaşımli Jantların Mekanik Test Performanslarının İncelenmesi ve Optimizasyonu**

Tar B. K., ÖZDEMİR O.

III. INTERNATIONAL NEW YORK CULTURAL INTERACTION AND ACADEMIC STUDIES CONGRESS, Turkey, 29 - 30 May 2021

- XI. **Investigation of the Mechanical Properties of a Control Arm With Si Particle Reinforced Aluminium Based Metal Composite Material**  
ORUÇ Ç., ÖZDEMİR O.  
INTERNATIONAL AEGEAN SYMPOSIUM on Innovation Technologies & Engineering-III, Turkey, 12 - 13 March 2021
- XII. **Impact and Compression-After Impact Behaviors of Laminated Composite Plates**  
Alshamary A. K. J., Kandas H., ÖZDEMİR O., KARAKUZU R.  
4th International Students Science Congress, 18 - 19 September 2020
- XIII. **Tekil Yapıştırılmış Termoplastik Kompozitlerin Çekme Dayanımlarının İncelenmesi**  
Köksal D., ÖZDEMİR O., Kandas H.  
MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES-X, 14 - 15 December 2019, pp.161-167
- XIV. **Ön Gerilmeli Sandviç Kompozitlerin Düşük Hızlı Darbe Davranışları**  
Turgut M., ÖZDEMİR O.  
MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS-ENGINEERING-NATURALMEDICAL SCIENCES-X, 14 - 15 December 2019, pp.219-224
- XV. **Low Velocity Impact Behaviors of thermoplastics composites with delaminations**  
Durdu O., ÖZDEMİR O.  
The International Conference of Materials and Engineering Technologies, 10 - 12 October 2019, pp.420-426
- XVI. **Fabrication and Characterization of Natural Fiber Reinforced Thermoplastic Composites**  
SANBUR S., ÖZES Ç., SAYER S., KANDAŞ H., ÖZDEMİR O.  
THERMAM 2019, İzmir, Turkey, 22 - 24 September 2019
- XVII. **Low Velocity Impact Response of Aluminum Honeycomb Glass Fiber Reinforced Sandwich Structures**  
Kandas H., ÖZDEMİR O.  
3rd International Students Science Congress, 3 - 04 May 2019, pp.469-474
- XVIII. **Low Velocity Impact Response of Thermoplastic Composites Reinforced with Metal Turnings**  
Pourfarivarnezhad A., ÖZDEMİR O.  
3rd International Students Science Congress, 3 - 04 May 2019, pp.458-463
- XIX. **IMPACT BEHAVIOR OF GLASS FIBER REINFORCED POLYPROPYLENE COMPOSITES WITH DIFFERENT PRELOADS**  
Kandas H., ÖZDEMİR O.  
IV. International Ege Composite Materials Symposium KOMPEGE 2018, 6 - 08 September 2018, pp.409-415
- XX. **Quasi-Static Bending Behavior of Sandwich Composite Structure with Balsa Core**  
Öztoprak N., Özdemir O.  
7th Rostocker International Conference: "Thermophysical Properties for Technical Thermodynamics", Rostock, Germany, 26 - 27 July 2018
- XXI. **Önceden Hasara Uğramış Kompozit Borularda Tamiratın Etkisinin İncelenmesi**  
Akderya T., Kemiklioğlu U., Arap O., ÖZDEMİR O., SAYMAN O.  
2nd International Students Science Congress, 4 - 05 May 2018
- XXII. **Aramid Takviyeli Termoplastik Kompozitlerin Üretimi ve Darbe Dayanımlarının Araştırılması**  
Pourfarivarnezhad A., Kandas H., Doğan A., Öztoprak N., Özdemir O.  
2nd International Students Science Congress, İzmir, Turkey, 4 - 05 May 2018, pp.138
- XXIII. **Doğal Fiber Takviyeli Termoplastik Kompozitlerin Farklı Sıcaklıklar altında Düşük Hızlı Darbe Davranışlarının İncelenmesi**  
Kandas H., Pourfarivarnezhad A., Öztoprak N., Doğan A., Özdemir O.  
2nd International Students Science Congress, İzmir, Turkey, 4 - 05 May 2018, pp.137
- XXIV. **Cam Elyaf Takviyeli Polipropilen Kompozitlerin Tekrarlı Darbe Davranışlarının İncelenmesi**  
Kandas H., ÖZDEMİR O.  
2nd International Students Science Congress, 4 - 05 May 2018

- XXV. **Cam Elyaf Takviyeli Sandviç Kompozitlerin Mekanik Davranışları**  
DOĞAN A., Kandaş h., ÖZDEMİR O.  
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.508
- XXVI. **Low Velocity Impact Strength of Balsa / Glass Fiber Reinforced Polypropylene Sandwich Structures**  
Öztoprak N., Kandaş H., Özdemir O.  
International Advanced Researches & Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017
- XXVII. **Doğal Fiber Takviyeli Termoplastik Kompozitlerin Darbe Dayanımı**  
Kandaş H., ÖZDEMİR O.  
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.509
- XXVIII. **Impact Behavior of Thermoplastic Composites at Different Glass Fiber Density Rates**  
Zorer E., ÖZDEMİR O.  
The Twenty-fifth Annual International Conference on Composites/Nano Engineering, ICCE-25, 16 - 22 July 2017
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