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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: DVU-2765-2022

ScopusID: 57201519752

Yoksis Araştırmacı ID: 215451

Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Makina Mühendisliği, Türkiye 2018 - 2024

Araştırma Alanları

Makina Elemanları, Makina Tasarımı, Kırılma Mekanığı, Sonlu Elemanlar Yöntemi

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Predicting the indentation load of FRP facesheet / foam core sandwiches
Çetin A., Uzay Ç., Tütüncü N., Geren N.
Structures, cilt.62, 2024 (SCI-Expanded)
- II. A practical approach to predict the flexural properties of woven plain carbon fiber/epoxy laminates
Çetin A., Uzay Ç., Geren N., Bayramoğlu M., Tütüncü N.
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, cilt.30, sa.9, ss.1801-1811, 2023 (SCI-Expanded)
- III. Predicting the tensile stiffness and strength properties of plain woven carbon fiber/epoxy laminates: a practical analytical approach and experimental validations
Uzay Ç., Çetin A., Geren N., Bayramoğlu M., Tütüncü N.
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, sa. , ss.1-16, 2023 (SCI-Expanded)
- IV. Physical and mechanical properties of laminar composites depending on the production methods: an experimental investigation
Uzay Ç., Çetin A., Geren N.
SADHANA - ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, cilt.47, sa.4, ss.1-14, 2022 (SCI-Expanded)
- V. 3D pull-out finite element simulation of the pedicle screw-trabecular bone interface at strain rates
Çetin A., Bircan D. A.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART H-JOURNAL OF ENGINEERING IN MEDICINE, cilt.236, sa.1, ss.134-144, 2022 (SCI-Expanded)
- VI. Experimental investigation of pull-out performance of pedicle screws at different polyurethane (PU) foam densities
Çetin A., Bircan D. A.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART H-JOURNAL OF ENGINEERING IN MEDICINE, cilt.235, sa.6, ss.709-716, 2021 (SCI-Expanded)

VII. ASSESSMENT OF CRACK INITIATION AND PROPAGATION IN BONE USING ACOUSTIC EMISSION (AE) TECHNIQUES

KARADUMAN D., BİRCAN D. A., ÇETİN A.

JOURNAL OF MECHANICS IN MEDICINE AND BIOLOGY, cilt.18, sa.3, 2018 (SCI-Expanded)

Diger Dergilerde Yayınlanan Makaleler

I. Evaluation of Flexural Stiffness for the Lightweight Polymer Foam Core Sandwich Structures

UZAY Ç., ACER D. C., GEREN N., ÇETİN A.

International Journal of Mechanical and Production Engineering (IJMPE), cilt.6, sa.9, ss.36-40, 2018 (Hakemli Dergi)

II. AKUSTİK EMİSYON (AE) YÖNTEMİNİN BİYOMEDİKAL ALANDA ALTERNATİF BİR METOT OLARAK UYGULANMASI

Bircan D. A., Karaduman D., Çetin A.

Adiyaman Üniversitesi Mühendislik Bilimleri Dergisi, cilt.6, ss.34-41, 2017 (Hakemli Dergi)

III. Non-Destructive examination of underground pressure vessels using acoustic emission (AE) techniques

Karaduman D., Bircan D. A., Çetin A.

European Mechanical Science, cilt.1, sa.1, ss.1-8, 2017 (Hakemli Dergi)

IV. Pull Out Performance of Medical Screws Used in Orthopaedic Surgeries

BİRCAN D. A., ÇETİN A.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, cilt.31, ss.221-228, 2016 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Finite Element Simulations of Cortical and Trabecular Bone to Assess Constitutive Material Modelling Parameters

ÇETİN A., BİRCAN D. A., KARADUMAN D.

Third International Congress On Natural And Engineering Sciences, Belgrade, Sırbistan Ve Karadağ, 21 - 25 Haziran 2017, ss.12

II. Significant influence of rating the spur gear design results obtained from iso and agma standards

Uzay Ç., Geren N., Çetin A.

1st International MediterraneanSCIENCE AND ENGINEERING CONGRESS, Adana, Türkiye, 26 - 28 Ekim 2016

III. Non-Destructive Examination of Underground Pressure Vessels Using Acoustic Emission (AE) Techniques

KARADUMAN D., BİRCAN D. A., ÇETİN A.

1st International Mediterranean Science And Engineering Congress (IMSEC2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.438

IV. Pull out performance of medical screws used in orthopaedic surgeries

BİRCAN D. A., ÇETİN A.

1st International Mediterranean Science And Engineering Congress (IMSEC2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.318

V. Biomedical Considerations in Fracture Fixation Using Orthopaedic Implants

BİRCAN D. A., ÇETİN A., KARADUMAN D.

International Conference on Advanced Technology & Sciences (ICAT?16), Konya, Türkiye, 1 - 03 Eylül 2016, ss.33-41

Metrikler

Yayın: 16

Atıf (WoS): 4

Atıf (Scopus): 4

H-İndeks (WoS): 1

H-İndeks (Scopus): 1