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Personal Information

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Address: Kocaeli Üniversitesi Havacılık ve Uzay Bilimleri Fakültesi Uçak Gövde-Motor Bakım Bölümü Arslanbey Kampüsü
Kartepe Kocaeli Türkiye

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2007 - 2011

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Eğitimi Anabilim Dalı, Turkey 2002 - 2005

Undergraduate, Kocaeli University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, Turkey 1998 - 2002

Associate Degree, Uludağ Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Motorlu Araçlar Ve Ulaştırma Teknolojileri Bölümü, Turkey 1996 - 1998

Foreign Languages

German, A1 Beginner

English, C1 Advanced

Dissertations

Doctorate, Polimer matrisli kompozitlerin darbe davranışlarının incelenmesi ve oluşan hasarların mikro tomografi yöntemiyle incelenmesi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 2011

Postgraduate, TS EN ISO 9001:2000 kalite yönetim sisteminin esasları ve uygulama yöntemleri, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Eğitimi Anabilim Dalı, 2005

Research Areas

Mechanical Engineering, Construction and Manufacturing, Tribology, Material, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Kocaeli University, Havacılık Ve Uzay Bilimleri Fakültesi, Uçak Gövde Ve Motor Bakımı, 2018 - Continues

Assistant Professor, Kocaeli University, Havacılık Ve Uzay Bilimleri Fakültesi, Uçak Gövde Ve Motor Bakımı, 2012 - 2018

Lecturer, Kocaeli University, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım, 2004 - 2012

Academic and Administrative Experience

Head of Department, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde Ve Motor Bakımı, 2021 - Continues

Head of Department, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde Ve Motor Bakımı, 2021 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2020 - Continues

Mezunlarla İlişkiler Komisyonu Başkanı, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2019 - Continues

Bölüm Kalite Komisyonu Üyesi, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2019 - Continues

Akreditasyon, Sürekli Gelişim ve Yenilenme Kurulu Üyesi, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2018 - Continues

Farabi Coordinator, Kocaeli University, Sivil Havacılık Yüksekokulu, 2013 - 2015

Kocaeli Üniversitesi, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım Bölümü, 2011 - 2014

Kocaeli Üniversitesi, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım Bölümü, 2009 - 2011

Kocaeli Üniversitesi, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım Bölümü, 2006 - 2009

Head of Department, Kocaeli University, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım, 2005 - 2006

Courses

Havacılık Malzemelerinde Katı Partikül Erozyonu, Postgraduate

GAZ TÜRBİNLİ MOTORLAR-1, Undergraduate

GAZ TÜRBİNLİ MOTORLAR-2, Undergraduate

YL SEMİNER, Postgraduate

PİSTONLU MOTORLAR, Undergraduate

YL TEZ, Postgraduate

BİLİM TARİHİ, Undergraduate

YÖNLENDİRİLMİŞ ÇALIŞMA, Undergraduate

UZMANLIK ALAN DERSİ, Postgraduate

BİTİRME TEZİ, Undergraduate

Yüksek Lisans Seminer, Postgraduate

Pistonlu Motorlar - 1, Undergraduate

Uçak Bakımında Tahribatsız Kontrol Yöntemleri, Postgraduate

Yüksek Lisans Tez, Postgraduate

Advising Theses

Fidan S., ÜNİVERSAL BİR ÇİZİLME TEST CİHAZI TASARIMI, İMALATI VE BİR ÖRNEK ÇALIŞMA, Postgraduate, S.HAKAN(Student), 2022

Fidan S., SPREY KAPLAMA YÖNTEMİ İLE ÜRETİLEN SiO₂ TEMELLİ SÜPERHİDROFOBİK KAPLAMALARIN MEKANİK KARARLILIKLARININ İNCELENMESİ, Postgraduate, A.HAYDAR(Student), 2021

Fidan S., Polimetil Metakrilat Malzemesinin Farklı Çizilme Yükleri Altında Tekrarlı Çizilme Testleri, Postgraduate, A.ÇETİN(Student), 2021

FİDAN S., INCONEL 718 NİKEL ALAŞIMININ BİLYALI DÖVME VE EROZİF AŞINMA DAVRANIŞLARININ İNCELENMESİ, Postgraduate, A.ÇULHA(Student), 2019

FİDAN S., HAVA ARAÇLARINDA YILDIRIMSAVAR HİBRİT KOMPOZİTLERDE KATI PARTİKÜL EROZYONUNUN ETKİSİ, Postgraduate, G.Arslan(Student), 2017

FİDAN S., AA 6082-T6 ALAŞIMINDA FARKLI AŞINDIRICILARIN KATI PARTİKÜL EROZYONUNA ETKİLERİ, Postgraduate, H.Sezer(Student), 2017

FİDAN S., QUARTZ FİBER TAKVİYELİ KOMPOZİT UÇAK RADOM MALZEMESİNİN KATI PARTİKÜL EROZYON DAVRANIŞI, Postgraduate, K.Muammer(Student), 2017

Jury Memberships

Doctoral Examination, Doctoral Examination, Eskişehir Teknik Üniversitesi, June, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2022
Post Graduate, Post Graduate, Kocaeli Üniversitesi, December, 2021
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2021
Post Graduate, Post Graduate, Kocaeli Üniversitesi, February, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, September, 2020
Post Graduate, Post Graduate, Kocaeli Üniversitesi, July, 2019
Doctorate, Doctorate, Sakarya Üniversitesi, May, 2019
Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2019
Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2019
Post Graduate, Post Graduate, Kocaeli Üniversitesi, May, 2018
Post Graduate, YL Tez Savunma Jürisi, Sakarya Üniversitesi, February, 2018
Post Graduate, YL Tez Savunma Jürisi, Kocaeli Üniversitesi, December, 2017
Post Graduate, YL Tez Savunma Jürisi, Kocaeli Üniversitesi, December, 2017
Post Graduate, YL Tez Savunma Jürisi, Kocaeli Üniversitesi, December, 2017

Research Infrastructure Information

Fidan S., Sivil Havacılık Yüksekokulunda Uçak Malzemelerinin Araştırma Ve Geliştirilmesi İçin Altyapı Oluşturulması, January 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Scratch and multi-pass scratch behavior of poly (methyl methacrylate) (PMMA)**
Özzaim P., Korkusuz O. B. , Fidan S., Sinmazçelik T.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.28, pp.1-12, 2022 (Journal Indexed in SCI)
- II. **Investigation of particle erosion of polytetrafluoroethylene and its composites**
ÖZZAİM P., KORKUSUZ O. B. , FİDAN S., SINMAZÇELİK T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, 2022 (Journal Indexed in SCI)
- III. **Determination of plastic deformation rate after solid particle erosion in ductile materials**
Erdogan A. A. , FEYZULLAHOĞLU E., FİDAN S., SINMAZÇELİK T.
MATERIALS TESTING, vol.63, no.12, pp.1142-1149, 2021 (Peer-Reviewed Journal)
- IV. **The Effects of Various Polishing Procedures on Surface Topography of CAD/CAM Resin Restoratives.**
Kara D., Tekçe N., Fidan S., Demirci M., Tuncer S., Balcı S.
Journal of prosthodontics : official journal of the American College of Prosthodontists, vol.30, no.6, pp.481-489, 2021 (Journal Indexed in SCI Expanded)
- V. **Laser process parameter optimization of dimple created on oriented carbon fiber reinforced epoxy**

composites

Canel T., Kayahan E., Fidan S., Sınmazçelik T.

JOURNAL OF COMPOSITE MATERIALS, 2021 (Journal Indexed in SCI)

- VI. **Effect of Calcium Carbonate Particle Size on the Scratch Resistance of Rapid Alkyd-Based Wood Coatings**
Ersoy O., Fidan S., Köse H., Güler D., Özdöver Ö.
COATINGS, vol.11, no.3, pp.1-15, 2021 (Journal Indexed in SCI)
- VII. **Laser parameter optimization for surface texturing of inconel 626**
Optimierung von Laserstrahlparametern zur Oberflächentexturierung von Inconel 625
FİDAN S., CANEL T., SINMAZÇELİK T.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.52, no.3, pp.289-307, 2021 (Journal Indexed in SCI)
- VIII. **Effects of 3D printed surface texture on erosive wear**
Sınmazçelik T., Fidan S., Ürgün S.
Tribology International, vol.144, 2020 (Peer-Reviewed Journal)
- IX. **Investigation of erosive wear behaviors of AA6082-T6 aluminum alloy**
Erdogan A. A. , Feyzullahoğlu E., Fidan S., Sınmazçelik T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.234, no.3, pp.520-530, 2020 (Journal Indexed in SCI)
- X. **Influence of laser parameters in surface texturing of polyphenylene sulfide composites**
CANEL T., KAYAHAN E., CANDAN L., FİDAN S., SINMAZÇELİK T.
Journal of Applied Polymer Science, vol.136, no.38, 2019 (Journal Indexed in SCI)
- XI. **The Influence of Heat Treatment Process on Mechanical Properties of Surface Treated Volcanic Ash Particles/Polyphenylene Sulfide Composites**
BORA M. Ö. , ÇOBAN O., KUTLUK T., FİDAN S., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.39, no.5, pp.1604-1611, 2018 (Peer-Reviewed Journal)
- XII. **Heat Treatment Effect on Thermal and Thermomechanical Properties of Polyphenylene Sulfide Composites Reinforced With Silane-Treated Volcanic Ash Particles**
ÇOBAN O., BORA M. Ö. , KUTLUK T., FİDAN S., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.39, no.5, pp.1612-1619, 2018 (Journal Indexed in SCI)
- XIII. **Heat Treatment Effect on Solid Particle Erosion Properties of Polyphenylene Sulfide Composites Reinforced With Silane Coupled Volcanic Ash Particles**
ÇOBAN O., BORA M. Ö. , FİDAN S., KUTLUK T., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.39, no.5, pp.1638-1646, 2018 (Peer-Reviewed Journal)
- XIV. **The effect of glazing and aging on the surface properties of CAD/CAM resin blocks**
TEKÇE N., FİDAN S., Tuncer S., Kara D., Demirci M.
JOURNAL OF ADVANCED PROSTHODONTICS, vol.10, no.1, pp.50-57, 2018 (Journal Indexed in SCI)
- XV. **Damage characterization of three point bended honeycomb sandwich structures under different temperatures with cone beam computed tomography technique**
AKATAY A., BORA M. Ö. , FİDAN S., ÇOBAN O.
POLYMER COMPOSITES, vol.39, no.1, pp.46-54, 2018 (Peer-Reviewed Journal)
- XVI. **Nozul içi geometrilerinin partikül erozyonunda hedef malzeme aşınma ve pürüzlülüğüne etkileri**
ÖNEN B., FİDAN S., SINMAZÇELİK T., ÇINAR A.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, no.4, pp.1051-1061, 2017 (Journal Indexed in SCI Expanded)
- XVII. **Blasting nozzle internal geometry effects on wear and roughness of target material in particle erosion**
ÖNEN B., FİDAN S., SINMAZÇELİK T., ÇINAR A.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, no.4, pp.1051-1061, 2017 (Journal Indexed in SCI)
- XVIII. **The Scratch Behavior of Accelerated Aged Carbon Fiber-Reinforced Epoxy Matrix Composite**
FİDAN S., BORA M. Ö. , ÇOBAN O., Akagunduz E.

- POLYMER COMPOSITES, vol.37, no.12, pp.3527-3534, 2016 (Journal Indexed in SCI)
- XXI. **Thermal, viscoelastic and mechanical properties' optimization of polyphenylene sulfide via optimal processing parameters using the Taguchi method**
ÇOBAN O., KIVANÇ T., BORA M. Ö. , ÖZCAN B., SINMAZÇELİK T., FİDAN S.
JOURNAL OF APPLIED STATISTICS, vol.43, no.14, pp.2661-2680, 2016 (Journal Indexed in SCI)
- XX. **Surface Modification Effect of Volcanic Ash Particles Using Silane Coupling Agent on Mechanical Properties of Polyphenylene Sulfide Composites**
BORA M. Ö. , ÇOBAN O., FİDAN S., KUTLUK T., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.495-497, 2016 (Journal Indexed in SCI)
- XXI. **Silane Coupling Efficiency on Thermal Properties of Volcanic Ash Filled PPS Composites**
KUTLUK T., ÇOBAN O., BORA M. Ö. , FİDAN S., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.498-500, 2016 (Journal Indexed in SCI)
- XXII. **Effect of Silane as Coupling Agent on Dynamic Mechanical Properties of Volcanic Ash Filled PPS Composites**
ÇOBAN O., BORA M. Ö. , KUTLUK T., FİDAN S., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.492-494, 2016 (Journal Indexed in SCI)
- XXIII. **Damage Characterization of Repeatedly Impacted Glass Fiber Reinforced Polyester-Armor Steel Composites With Cone Beam Computed Tomography Technique**
FİDAN S., BORA M. Ö. , ÇOBAN O., TUNA V.
POLYMER COMPOSITES, vol.37, no.2, pp.583-593, 2016 (Journal Indexed in SCI)
- XXIV. **Solid-particle erosion behavior of cast alloys used in the mining industry**
ATAPEK Ş. H. , FİDAN S.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.22, no.12, pp.1283-1292, 2015 (Journal Indexed in SCI)
- XXV. **Scratch behavior of glass fiber reinforced polyester matrix composite after solid particle erosion**
BORA M. Ö. , FİDAN S., ÇOBAN O., YÜCEL Z.
POLYMER COMPOSITES, vol.36, no.11, pp.1958-1966, 2015 (Journal Indexed in SCI)
- XXVI. **The influence of low velocity repeated impacts on residual compressive properties of honeycomb sandwich structures**
Akatay A., BORA M. Ö. , ÇOBAN O., FİDAN S., TUNA V.
COMPOSITE STRUCTURES, vol.125, pp.425-433, 2015 (Peer-Reviewed Journal)
- XXVII. **Volcanic Ash Reinforcement Concentration Effect on Thermal Properties of Polyvinyl Chloride Composites**
Fidan S.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1002-1003, 2015 (Journal Indexed in SCI)
- XXVIII. **Possible Use of Volcanic Ash as a Filler in Polyphenylene Sulfide Composites: Thermal, Mechanical, and Erosive Wear Properties**
AVCU E., ÇOBAN O., BORA M. Ö. , FİDAN S., SINMAZÇELİK T., ERSOY O.
POLYMER COMPOSITES, vol.35, no.9, pp.1826-1833, 2014 (Journal Indexed in SCI)
- XXIX. **Tribological performance of polymethyl methacrylate as an aviation polymer**
Fidan S.
JOURNAL OF POLYMER ENGINEERING, vol.34, no.6, pp.569-579, 2014 (Journal Indexed in SCI)
- XXX. **Effect of particle impact angle, Erodent particle size and acceleration pressure on the solid particle erosion behavior of 3003 Aluminum alloy**
Yıldiran Y., AVCU E., ŞAHİN A. E. , FİDAN S., YETİŞTİREN H., SINMAZÇELİK T.
Acta Physica Polonica A, vol.125, no.2, pp.523-525, 2014 (Peer-Reviewed Journal)
- XXXI. **The Evaluation of Solid Particle Erosion in Polymethyl Methacrylate by Surface Topography Mapping**
Fidan S.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.494-496, 2014 (Journal Indexed in SCI)
- XXXII. **Mechanical and Thermal Properties of Pumice Powder Filled PPS Composites**
ŞAHİN A. E. , YILDIRAN Y., AVCU E., FİDAN S., SINMAZÇELİK T.

- ACTA PHYSICA POLONICA A, vol.125, no.2, pp.518-520, 2014 (Journal Indexed in SCI)
- XXXIII. **Influences of Particle Impingement Angle and Velocity on Surface Roughness, Erosion Rate, and 3D Surface Morphology of Solid Particle Eroded Ti6Al4V Alloy**
AVCU E., YILDIRAN Y., ŞAHİN A. E. , FİDAN S., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.541-543, 2014 (Peer-Reviewed Journal)
- XXXIV. **Solid particle erosion behaviour of Ti6Al4V alloy**
AVCU E., FİDAN S., YILDIRAN Y., SINMAZÇELİK T.
Tribology - Materials, Surfaces and Interfaces, vol.7, no.4, pp.201-210, 2013 (Journal Indexed in SCI Expanded)
- XXXV. **The Effect of TiO₂ Filler Content on the Mechanical, Thermal, and Tribological Properties of TiO₂/PPS Composites**
BORA M. Ö., ÇOBAN O., AVCU E., FİDAN S., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.34, no.10, pp.1591-1599, 2013 (Journal Indexed in SCI)
- XXXVI. **Effect of heat treatment on erosive wear behaviour of Ti6Al4V alloy**
FİDAN S., AVCU E., Karakulak E., YAMANOĞLU R., ZEREN M., SINMAZÇELİK T.
MATERIALS SCIENCE AND TECHNOLOGY, vol.29, no.9, pp.1088-1094, 2013 (Peer-Reviewed Journal)
- XXXVII. **Solid Particle Erosive Wear Behavior of Glass Mat Reinforced PPS Composites: Influence of Erodent Particle Size, Pressure, Particle Impingement Angle, and Velocity**
AVCU E., FİDAN S., BORA M. Ö. , ÇOBAN O., TAŞKIRAN I., SINMAZÇELİK T.
ADVANCES IN POLYMER TECHNOLOGY, vol.32, 2013 (Peer-Reviewed Journal)
- XXXVIII. **THE COMPARISON OF SOLID PARTICLE EROSION BEHAVIORS OF AA-1070 AND AA-6101 ALLOYS USED IN POWER TRANSMISSION LINES IN TURKEY**
AVCU E., FİDAN S., KARABAY S., SINMAZÇELİK T.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.4, pp.865-874, 2012 (Journal Indexed in SCI)
- XXXIX. **Internal damage investigation of the impacted glass/glass plus aramid fiber reinforced composites by micro-computerized tomography**
FİDAN S., SINMAZÇELİK T., AVCU E.
NDT & E INTERNATIONAL, vol.51, pp.1-7, 2012 (Journal Indexed in SCI)
- XL. **Residual mechanical properties of carbon/polyphenylenesulphide composites after solid particle erosion**
SINMAZÇELİK T., FİDAN S., Gunay V.
MATERIALS & DESIGN, vol.29, no.7, pp.1419-1426, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effect of particle flow direction in particle erosion of macro texturized polymer surfaces**
Fidan S., Sinmazçelik T., Ürgün S.
Progress in Additive Manufacturing, vol.7, no.3, pp.1-16, 2022 (Journal Indexed in ESCI)
- II. **Fuselage Design and Analysis for Lifting System in Hoverwing Vehicles**
Çınkır Ö. Ç. , Öztürk T., Ürgün S., Fidan S.
Avrupa Bilim ve Teknoloji Dergisi, no.27, pp.526-531, 2021 (Other Refereed National Journals)
- III. **The Effects of the Number of Switching in Contactors on Electric Arc Erosion and Contactor Surface Damages**
Sav M. N. , Fidan S., Ürgün S.
Avrupa Bilim ve Teknoloji Dergisi, vol.2021, no.27, pp.722-734, 2021 (Other Refereed National Journals)
- IV. **2D Investigation of a Wing Concept with a NACA 4412 Airfoil in Ground Effect Operation**
Öztürk T., Çınkır Ö. Ç. , Ürgün S., Fidan S.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.9, no.3, pp.548-561, 2021 (National Refreed University Journal)
- V. **3 Boyutlu Yazıcı ile Üretilen Parça Yüzeylerini Toz Kaplama ve Kaplama Eroziv Aşınma**

Davranışlarının Karakterizasyonu

Sevil A., Ondört A., Ürgün S., Fidan S.

Avrupa Bilim ve Teknoloji Dergisi, no.17, pp.1106-1115, 2019 (National Refreed University Journal)

- VI. **Solid Particle Erosion Behavior of SiMo Ductile Cast Iron**
Aktaş Çelik G., Polat Ş., Atapek Ş. H. , Fidan S.
Bayburt Üniversitesi Fen Bilimleri Dergisi, vol.1, pp.22-27, 2018 (Other Refereed National Journals)
- VII. **Comparison of Solid Particle Erosive Wear Rate at Room Temperature of Flexicord Flame Sprayed Different Oxide Coatings**
Güzel K., Altuncu E., Fidan S.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.5, pp.1477-1481, 2018 (National Refreed University Journal)
- VIII. **Solid Particle Erosion Behavior of Carbon Fiber - Metal Wire Hybrid Reinforced Polymer Composites**
ARSLAN G., FİDAN S., SINMAZÇELİK T.
El-Cezeri Fen ve Mühendislik Dergisi, vol.5, pp.182-190, 2018 (Other Refereed National Journals)
- IX. **Solid Particle Erosion Effects on Surface Plastic Deformation of Alüminum Alloy**
Sezer H., FİDAN S.
El-Cezeri Fen ve Mühendislik Dergisi, vol.5, pp.243-250, 2018 (Other Refereed National Journals)
- X. **Havacılık Malzemelerinde Türkiye Perspektifi Tespitler ve Öneriler**
FİDAN S.
Yeni Türkiye Dergisi, vol.2, pp.65-71, 2016 (Other Refereed National Journals)
- XI. **Solid particle erosion behavior of Inconel 718 super alloys under elevated temperatures**
BİRCAN B., FİDAN S., ÇİMENOĞLU H.
Journal of Achievements in Materials and Manufacturing Engineering, vol.66, pp.5-12, 2014 (Refereed Journals of Other Institutions)
- XII. **Flexural and erosive properties of aviation composites**
BORA M. Ö. , ÇOBAN O., AVCU E., FİDAN S., SINMAZÇELİK T.
Society of Plastics Engineers (SPE), pp.1-4, 2013 (Refereed Journals of Other Institutions)
- XIII. **Düşük Hızlı Darbe Yüklemeleri Sonucu Kompozit Malzemelerde Ortaya Çıkan Hasar Mekanizmaları**
FİDAN S., SINMAZÇELİK T., BORA M. Ö. , ÇOBAN O.
Mühendis ve Makina, 2011 (Other Refereed National Journals)

Books & Book Chapters

- I. **AIRCRAFT PRODUCTION TECHNOLOGIES AND THE FUTURE PROJECTION**
Fidan S.
in: HAVA TAŞIMACILIĞI YÖNETİMİNİN TEMELLERİ, DOÇ. DR. DİDEM RODOPLU ŞAHİN, Editor, Nobel Yayın Dağıtım, Ankara, pp.615-628, 2020
- II. **Micro-CT Applications in Materials Science and Aerospace Engineering**
FİDAN S.
in: Micro-computed Tomography (micro-CT) in Medicine and Engineering, Orhan K., Editor, Springer-Verlag International Publishing, Zürih, pp.200-211, 2019
- III. **The use of Micro-CT in Materials Science and Aerospace Engineering**
FİDAN S.
in: Micro-computed Tomography (micro-CT) in Medicine and Engineering, Orhan Kaan, Editor, Springer, Cham, pp.267-276, 2019
- IV. **Mikro-BT'nin Malzeme İyçyapı Hasarlarında Tahribatsız Muayene Yöntemi Olarak Kullanımı**
FİDAN S.
in: Ulusal Mikro CT Yaz Okulu Ders Notları, Prof. Dr. Eyyuphan YAKINCI, Prof. Dr. Serkan POLAT, Editor, 72 TASARIM Ltd., Malatya, pp.113-123, 2016

Refereed Congress / Symposium Publications in Proceedings

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