

Prof. TAMER SINMAZÇELİK

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International Researcher IDs

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Biography

1992 Yılında Yıldız Üniversitesi, Kocaeli Mühendislik Fakültesi, Makina Mühendisliği Bölümünden Bölüm Birincisi, Fakülte İkincisi ve Üniversite İkincisi olarak mezun oldu. 1994 yılında Kocaeli Üniversitesi Fen Bilimleri Enstitüsü Makina Mühendisliği ABD. dan yüksek lisans, 1997 yılında Kocaeli Üniversitesi Fen Bilimleri Enstitüsü Makina Mühendisliği ABD. dan Doktora derecelerini aldı. 1997 yılında Kocaeli Üniversitesi, Mühendislik Fakültesi Makina Mühendisliği Bölümüne Yrd. Doçent. olarak atandı. 1994-2009 yılları arasında TÜBİTAK Marmara Araştırma Merkez, Malzeme Enstitüsünde Doktora ve Doktora üstü çalışmalar, yarı zamanlı araştırmacı olarak proje bazlı danışmanlıklar yaptı. 1995-2020 tarihleri arasında Koç Üniversitesi, Kimya Bölümünde Doktora ve Doktora sonları çalışmalarda bulundu. 2005 yılında Doçent unvanını aldı. 2011 yılında Kocaeli Üniversitesi, Mühendislik Fakültesi Makina Mühendisliği Bölümüne Profesör olarak atandı. Mühendislik Fakültesi Dekan Yardımcılığı, Bölüm Başkan Yardımcılığı, ÖYP Kurum Koordinatörü başta olmak üzere pek çok idari görevlerde bulundu. Bir süre Materials and Design dergisinde Editorial Board Member olarak yer aldı. Halen Makina Mühendisliği Bölümünde Konstrüksiyon Anabilim Dalında öğretim Üyesi olarak çalışmaktadır.

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1994 - 1997

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1992 - 1994

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, Turkey 1988 - 1992

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Karbon Fiber Takviyeli Poly(Ether Ether Ketone) Kompozitin Tribolojik Özellikleri., Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 1997

Postgraduate, Analitik makina konstrüksiyonunda yorulma emniyetli tasarımlar, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 1994

Research Areas

Tribology, Machine Elements, Machine Design, Material

Academic Titles / Tasks

Professor, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2011 - Continues

Associate Professor, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2005 - 2011

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 1997 - 2005

Academic and Administrative Experience

Rector's Advisor, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2024 - Continues

Dean, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2023 - 2024

Vice Dean, Kocaeli University, Mühendislik Fakültesi, 2010 - 2015

Deputy Head of Department, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2000 - 2010

Courses

Machine elements 1, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Machine Elements 2, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Makina tasarım ve şekillendirme tekniği , Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020

inovasyon ve proje yönetimi, Undergraduate, 2019 - 2020

Advising Theses

Sınmazçelik T., Çarpışma kutusu tasarımında geometri ve malzemenin darbe sönüm kabiliyetine etkisinin nümerik analizi, Postgraduate, A.TOKER(Student), 2023

Sınmazçelik T., Elektromanyetik dalga soğurma özelliğine sahip katmanlı kompozit malzeme geliştirilmesi, Doctorate, Z.YÜCEL(Student), 2023

Sınmazçelik T., Kauçuk reolojisi ölçümü için prototip test cihazı tasarımı ve imalatı, Postgraduate, H.ÇAKIR(Student), 2023

Sınmazçelik T., Kestamid ve kompozitlerinin erozif aşınma davranışının incelenmesi, Postgraduate, S.EZGİ(Student), 2022

Sınmazçelik T., Dual fazlı çeliklerin erozif aşınma davranışlarının incelenmesi, Postgraduate, İ.ÖZGE(Student), 2022

Sınmazçelik T., Kalıp malzemesine uygulanan ısıl işlem ve yüzey kaplamalarının sac şekillendirmeye etkileri, Postgraduate, R.EDİS(Student), 2022

Sınmazçelik T., Polimer matrisli kompozitlerin lazer ile işlenmesi, Postgraduate, O.BARAN(Student), 2021

Sınmazçelik T., Derin çekmede iş malzemesi ve proses parametrelerinin deneysel ve nümerik olarak incelenmesi, Postgraduate, C.YALÇIN(Student), 2021

Sınmazçelik T., Aşındırıcı partiküllerin PTFE matrisli polimer kompozitlerin partikül erozyonuna etkileri, Postgraduate, P.ÖZZAİM(Student), 2021

Sınmazçelik T., El aletleri ile çalışan kişilerde zorlanmaya neden olan duruşve hareketlerin analizi, Postgraduate, A.ORKUN(Student), 2019

Sınmazçelik T., Projeksiyon kaynağı ile dual faz çeliğe civata kaynatılması ve taguchi yöntemi ile parametre optimizasyonu, Postgraduate, S.DEMİR(Student), 2019

Sınmazçelik T., Eko kompozitlerin üretimi ve karakterizasyonu, Doctorate, A.EREN(Student), 2019

Sınmazçelik T., Örgü yapılı sürekli karbon fiber takviyeli polimer kompozitin katı partikül erozyonu, Postgraduate, H.BIKMAZ(Student), 2019

Sınmazçelik T., Ti6Al4V titanyum alaşımının bilyalı dövme sonrası aşınma davranışının incelenmesi, Doctorate,

Y.YILDIRAN(Student), 2019

Sınmazçelik T., Katı Partikül Erozyonunun Endüstriyel Alandaki Önemi, Postgraduate, A.YAVUZ(Student), 2018

Sınmazçelik T., Su destekli plastik enjeksiyon sistemi ile polimer kompozit silecek kolu üretimi, Postgraduate, F.SONGÜL(Student), 2018

Sınmazçelik T., Mikro gözenekli enjeksiyon kalıplama yönteminin otomotiv uygulamaları, Postgraduate, H.KOÇOĞLU(Student), 2015

Sınmazçelik T., Pomza partikül takviyeli polimer matrisli kompozitlerin üretimi ve erozif aşınma davranışının incelenmesi, Postgraduate, A.EREN(Student), 2013

Sınmazçelik T., Titanyum alaşımlarının partikül erozyonu ile pürüzlendirilmesi ve aşındırılması işlemlerinin optimizasyonu, Doctorate, E.AVCU(Student), 2013

Sınmazçelik T., Farklı büyüklüklere sahip aşındırıcı partikül karışımlarının Ti6Al4V alaşımının erozif aşınma davranışına etkileri, Postgraduate, E.AVCU(Student), 2011

Sınmazçelik T., Polimer matrisli kompozitlerde partikül takviyesinin malzeme iç yapısına, mekanik ve tribolojik özelliklere etkisi, Doctorate, O.ÇOBAN(Student), 2011

Sınmazçelik T., Polimer matrisli kompozitlerin darbe davranışlarının incelenmesi ve oluşan hasarların mikro tomografi yöntemiyle incelenmesi, Doctorate, S.FİDAN(Student), 2011

Sınmazçelik T., Fren hortumu tasarımı ve performansının ölçülmesi, Postgraduate, B.İŞİK(Student), 2010

Sınmazçelik T., Lazer ve kumlama yöntemleri ile Ti6Al4V alaşımında fonksiyonel yüzeylerin oluşturulması, Postgraduate, Z.YÜCEL(Student), 2008

Sınmazçelik T., Polimer kompozitlerde çevresel etkilerin darbe yüklemeleri altındaki davranışlarına ve morfolojisine etkileri, Postgraduate, O.ÇOBAN(Student), 2007

Sınmazçelik T., Polimer matrisli kompozitlerin pim ile yük taşıma özelliklerinin incelenmesi, Doctorate, T.YILMAZ(Student), 2006

Sınmazçelik T., Çevresel faktörler ve soğuk çekmenin polistiren malzemede mekanik ve ısıl özelliklere etkileri, Doctorate, T.ŞAHİN(Student), 2004

Sınmazçelik T., Çevresel etkilerin PPS (polifenilen sülfid) kompozitlerin mekanik özelliklerine etkileri, Postgraduate, B.HAYRİ(Student), 2002

Sınmazçelik T., PEEK (polyetheretherketone) ve kompozitlerinde kısa fiber takviyesi ve mikro yapının tribolojik özelliklere etkisi, Postgraduate, T.YILMAZ(Student), 2002

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, May, 2020

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Doğu Üniversitesi, March, 2020

Associate Professor Exam, Associate Professor Exam, Orta Doğu Teknik Üniversitesi, February, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of Laser Cutting Parameters for PMMA Using Metaheuristic Algorithms**
ÜRGÜN S., YİĞİT H., FİDAN S., SINMAZÇELİK T.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.49, no.9, pp.12333-12355, 2024 (SCI-Expanded)
- II. **Effect of solid lubricant additives on solid particle erosion characteristics of rigid and toughened epoxy resins**
Toker P. O., KORKUSUZ O. B., Ozun E., Ceylan R., FİDAN S., YARAR E., BORA M. Ö., SINMAZÇELİK T.
JOURNAL OF VINYL & ADDITIVE TECHNOLOGY, 2024 (SCI-Expanded)
- III. **Understanding the effect of solid lubricants on scratch behavior in epoxy resins: An experimental and statistical approach**
Ceylan R., Ozun E., Özzaim Toker P., Korkusuz O. B., Yarar E., Fidan S., Bora M. Ö., Sınmazçelik T.
POLYMER COMPOSITES, vol.45, no.8, pp.7346-7363, 2024 (SCI-Expanded)

- IV. **Comparison of the usage of nut shell, walnut shell, and pistachio shell as a reinforcement particle on the mechanical and wear performance of polypropylene**
ŞAHİN A. E., FİDAN S., Cetin B., SINMAZÇELİK T.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.141, 2024 (SCI-Expanded)
- V. **Measuring applied force and energy consumption in deep drawing die Sets: An experimental and numerical analysis of CrN and CrTiN PVD coating effects**
Edis R., SINMAZÇELİK T., ERTÜRK A. T.
MEASUREMENT, vol.224, 2024 (SCI-Expanded)
- VI. **Solid particle erosion and scratch behavior of novel scrap carbon fiber/glass fabric/polyamide 6.6 hybrid composites**
Kocoglu H., KORKUSUZ O. B., ÖZZAİM P., KODAL M., Altan M. C., SINMAZÇELİK T., Ozcelik B., Ozkoc G.
POLYMER COMPOSITES, vol.44, no.10, pp.7197-7211, 2023 (SCI-Expanded)
- VII. **The effect of matrix and interface properties modified by annealing on solid particle erosion behavior of carbon fiber reinforced polyetheretherketone**
Çetin B., Korkusuz O. B., Özzaim P., Şahin A. E., Fidan S., Sınmazçelik T.
Polymer Composites, vol.44, no.9, pp.6212-6227, 2023 (SCI-Expanded)
- VIII. **Effect of mussel shell reinforcement on mechanical and tribological behavior of polyphenylene sulfide composites**
Şahin A. E., Çetin B., Sınmazçelik T.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.35, no.9, pp.1279-1302, 2022 (SCI-Expanded)
- IX. **Investigation of particle erosion of polytetrafluoroethylene and its composites**
Özzaim P., Korkusuz O. B., Fidan S., Sınmazçelik T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.236, no.9, pp.1738-1749, 2022 (SCI-Expanded)
- X. **Scratch and multi-pass scratch behavior of poly (methyl methacrylate) (PMMA)**
Özzaim P., Korkusuz O. B., Fidan S., Sınmazçelik T.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.28, pp.1-12, 2022 (SCI-Expanded)
- XI. **Determination of plastic deformation rate after solid particle erosion in ductile materials**
Erdogan A. A., Feyzullohoğlu E., Fidan S., Sınmazçelik T.
MATERIALS TESTING, vol.63, no.12, pp.1142-1149, 2021 (SCI-Expanded)
- XII. **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, vol.55, no.27, pp.4029-4043, 2021 (SCI-Expanded)
- XIII. **Investigation of mechanical and tribological behaviour of expanded perlite particle reinforced polyphenylene sulphide**
Şahin A. E., Çetin B., Sınmazçelik T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.235, no.10, pp.2356-2367, 2021 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **TAILORING SURFACE MORPHOLOGY AND TOPOGRAPHY OF SHOT-PEENED Ti6Al4V VIA GRIT BLASTING**
Yıldıran Avcu Y., Yetik O., Guney M., Sınmazçelik T., Avcu E.
MATERIALI IN TEHNOLOGIJE, vol.55, no.5, pp.625-628, 2021 (SCI-Expanded)
- XVI. **Effects of cutting temperature and process optimization in drilling of GFRP composites**
Erturk A. T., Vatanserver F., Yazar E., Guven E. A., Sınmazçelik T.
JOURNAL OF COMPOSITE MATERIALS, vol.55, no.2, pp.235-249, 2021 (SCI-Expanded)

- XVII. **Surface, Subsurface and Tribological Properties of Ti6Al4V Alloy Shot Peened under Different Parameters**
Yıldıran A., Yetik O., Guney M., Iakovakis E., Sinmazçelik T., Avcu E.
MATERIALS, vol.13, no.19, 2020 (SCI-Expanded)
- XVIII. **Mathematical modeling of heat distribution on carbon fiber Poly(ether-ether-ketone) (PEEK) composite during laser ablation**
CANEL T., BAĞLAN İ., SINMAZÇELİK T.
Optics and Laser Technology, vol.127, 2020 (SCI-Expanded)
- XIX. **Effects of 3D printed surface texture on erosive wear**
Sinmazçelik T., Fidan S., Ürgün S.
Tribology International, vol.144, 2020 (SCI-Expanded)
- XX. **Investigation of erosive wear behaviors of AA6082-T6 aluminum alloy**
Erdogan A. A., Feyzullahoğlu E., Fidan S., Sinmazçelik T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.234, no.3, pp.520-530, 2020 (SCI-Expanded)
- XXI. **Laser parameters optimization of surface treating of Al 6082-T6 with Taguchi method**
CANEL T., ZEREN M., SINMAZÇELİK T.
OPTICS AND LASER TECHNOLOGY, vol.120, 2019 (SCI-Expanded)
- XXII. **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 (SCI-Expanded)
- XXIII. **Mathematical modelling of laser ablation of random oriented short glass fiber reinforced Polyphenylene sulphide (PPS) polymer composite**
CANEL T., BAĞLAN İ., SINMAZÇELİK T.
OPTICS AND LASER TECHNOLOGY, vol.115, pp.481-486, 2019 (SCI-Expanded)
- XXIV. **BIOMECHANICAL COMPARISON OF MEDIAL VERSUS LATERAL SIDED PLATING IN FEMORAL FRACTURES**
Al F., TOSUN B., SINMAZÇELİK T., Ozmen M.
ACTA ORTOPEDICA BRASILEIRA, vol.26, no.4, pp.265-270, 2018 (SCI-Expanded)
- XXV. **Dry Sliding Wear Behaviour of Shot Peened TI6AL4V Alloys at Different Peening Times**
Avcu Y., Yetik O., Kocoglu H., Avcu E., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.134, no.1, pp.349-353, 2018 (SCI-Expanded)
- XXVI. **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 (SCI-Expanded)
- XXVII. **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 (SCI-Expanded)
- XXVIII. **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 (SCI-Expanded)
- XXIX. **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 (SCI-Expanded)
- XXX. **Olivine Particle Reinforced Polyphenylene Sulfide Matrix Composites**
ŞAHİN A. E., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.131, no.3, pp.481-483, 2017 (SCI-Expanded)

- XXXI. **Effects of Terpolymer Addition on the Thermal and Thermomechanical Properties of Poly(Phenylene Sulfide)**
ÇETİN B., ŞAHİN A. E., YILMAZ T., SINMAZÇELİK T., CÜRGÜL İ.
ACTA PHYSICA POLONICA A, vol.131, no.3, pp.598-600, 2017 (SCI-Expanded)
- XXXII. **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 (SCI-Expanded)
- XXXIII. **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 (SCI-Expanded)
- XXXIV. **Effect of Mixed Size Particles Reinforcing on the Thermal and Dynamic Mechanical Properties of Al₂O₃/PPS Composites**
ÇOBAN O., BORA M. Ö., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.37, no.11, pp.3219-3227, 2016 (SCI-Expanded)
- XXXV. **Comparison of the Mechanical, Thermomechanical, Thermal, and Morphological Properties of Pumice and Calcium Carbonate-Filled Poly(phenylene sulfide) Composites**
Sahin A. E., Karsli N. G., Sinmazçelik T.
POLYMER COMPOSITES, vol.37, no.11, pp.3160-3166, 2016 (SCI-Expanded)
- XXXVI. **Improvement of the Toughness and Crack Propagation Resistance Properties of Poly(Phenylene Sulfide)**
Çetin B., Şahin A. E., Karsli N. G., Yılmaz T., Sinmazçelik T., Cürgül İ.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.683-686, 2016 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **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 (SCI-Expanded)
- XXXIX. **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 (SCI-Expanded)
- XL. **The influence of different circular hole perforations on interlaminar shear strength of a novel fiber metal laminates**
BORA M. Ö., ÇOBAN O., SINMAZÇELİK T., CÜRGÜL İ.
POLYMER COMPOSITES, vol.37, no.3, pp.963-973, 2016 (SCI-Expanded)
- XLI. **Optimization of Surface Properties of Shot Peened Ti6Al4V Alloy**
Yıldıran Y., Avcu E., Sinmazçelik T.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.984-986, 2015 (SCI-Expanded)
- XLII. **Thermomechanical and Solid Particle Erosion Behaviour of CaCO₃ and SGF (Short Glass Fibre) Reinforced ABS/PA6 Composites**
Şahin A. E., Yılmaz S., Yılmaz T., Sinmazçelik T.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1062-1064, 2015 (SCI-Expanded)
- XLIII. **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 (SCI-Expanded)

- XLIV. **The Effect of Low Temperature Plasma Nitriding on Wear Resistance of Ti6Al4V Alloy**
GÜL O., SARI N. Y., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.491-493, 2014 (SCI-Expanded)
- XLV. **Effect of particle impact angle, Erodent particle size and acceleration pressure on the solid particle erosion behavior of 3003 Aluminum alloy**
Yildiran Y., AVCU E., ŞAHİN A. E., FİDAN S., YETİŞTİREN H., SINMAZÇELİK T.
Acta Physica Polonica A, vol.125, no.2, pp.523-525, 2014 (SCI-Expanded)
- XLVI. **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 (SCI-Expanded)
- XLVII. **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 (SCI-Expanded)
- XLVIII. **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 (SCI-Expanded)
- XLIX. **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 (SCI-Expanded)
- L. **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 (SCI-Expanded)
- LI. **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 (SCI-Expanded)
- LII. **A Study on the Derivation of Parametric Cutting Force Equations in Drilling of GFRP Composites**
OKUTAN E., KARABAY S., SINMAZÇELİK T., AVCU E.
STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol.59, no.2, pp.97-105, 2013 (SCI-Expanded)
- LIII. **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 (SCI-Expanded)
- LIV. **Internal damage investigation of the impacted glass/glass plus aramid fiber reinforced composites by micro-computerized tomography**
Fidan S., Sinmazçelik T., Avcu E.
NDT & E INTERNATIONAL, vol.51, pp.1-7, 2012 (SCI-Expanded)
- LV. **Detecting Impact Damages In An Aramid/Glass Fiber Reinforced Hybrid Composite With Micro Tomography**
Sinmazçelik T.
ADVANCED MATERIALS RESEARCH, vol.445, pp.9-14, 2012 (SCI-Expanded)
- LVI. **The Influence of Annealing on the Crystallization and Tribological Behavior of MWNT/PEEK Nanocomposites**
ÇOBAN O., BORA M. Ö., AVCU E., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.32, no.11, pp.1766-1771, 2011 (SCI-Expanded)
- LVII. **A review: Fibre metal laminates, background, bonding types and applied test methods**
SINMAZÇELİK T., AVCU E., BORA M. Ö., ÇOBAN O.
MATERIALS & DESIGN, vol.32, no.7, pp.3671-3685, 2011 (SCI-Expanded)

- LVIII. Erosive Wear Studies of Glass fiber- and Carbon Fiber-reinforced Polyetheretherketone Composites at Low Particle Speed**
Sarı N. Y., Sınmazçelik T., Yılmaz T.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.24, no.3, pp.333-350, 2011 (SCI-Expanded)
- LIX. Fracture Behavior of High Impact Polystyrene under Different Impact Energies**
Şahin T., Yılmaz T., Sınmazçelik T.
KGK-KAUTSCHUK GUMMI KUNSTSTOFFE, vol.63, pp.291-295, 2010 (SCI-Expanded)
- LX. Instrumented indentation and scratch testing evaluation of tribological properties of tin-based bearing materials**
BORA M. Ö., ÇOBAN O., SINMAZÇELİK T., GÜNAY V., ZEREN M.
MATERIALS & DESIGN, vol.31, no.6, pp.2707-2715, 2010 (SCI-Expanded)
- LXI. Erodent Size Effect on the Erosion of Polyphenylene Sulfide Composite**
SINMAZÇELİK T., SARI N. Y.
POLYMER COMPOSITES, vol.31, no.6, pp.985-994, 2010 (SCI-Expanded)
- LXII. Effect of Fiber Orientation on Scratch Resistance in Unidirectional Carbon-Fiber-Reinforced Polymer Matrix Composites**
BORA M. Ö., ÇOBAN O., SINMAZÇELİK T., GÜNAY V.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.29, no.10, pp.1476-1490, 2010 (SCI-Expanded)
- LXIII. Effect of Fiber Orientation on Viscoelastic Properties of Polymer Matrix Composites Subjected to Thermal Cycles**
ÇOBAN O., BORA M. Ö., SINMAZÇELİK T., GÜNAY V.
POLYMER COMPOSITES, vol.31, no.3, pp.411-416, 2010 (SCI-Expanded)
- LXIV. Effects of Thermal Cycling on Static Bearing Strength of Pin-Connected Carbon/PPS Composites**
Yılmaz T., Sınmazçelik T.
POLYMER COMPOSITES, vol.31, no.2, pp.328-333, 2010 (SCI-Expanded)
- LXV. Bearing Strength of Pin-Connected Polymer Composites Subjected to Dynamic Loading**
Yılmaz T., Sınmazçelik T.
POLYMER COMPOSITES, vol.31, no.1, pp.25-31, 2010 (SCI-Expanded)
- LXVI. Effects of hydrothermal aging on glass-fiber/polyetherimide (PEI) composites**
Yılmaz T., Sınmazçelik T.
JOURNAL OF MATERIALS SCIENCE, vol.45, no.2, pp.399-404, 2010 (SCI-Expanded)
- LXVII. Experimental Investigation of Acid Environment Influences on Load-Bearing Performance of Pin-Connected Continuous Glass-Fiber-Reinforced Polyphenylenesulfide Composites**
Yılmaz T., Sınmazçelik T.
POLYMER COMPOSITES, vol.31, no.1, pp.1-9, 2010 (SCI-Expanded)
- LXVIII. Effects of Geometric Parameters on the Pin-bearing Strength of Glass/Polyphenylenesulphide Composites**
Yılmaz T., Sınmazçelik T.
JOURNAL OF COMPOSITE MATERIALS, vol.43, no.20, pp.2239-2253, 2009 (SCI-Expanded)
- LXIX. Fracture characteristics of high impact polystyrene under impact fatigue loadings**
Yılmaz T., Şahin T., Sınmazçelik T.
JOURNAL OF MATERIALS SCIENCE, vol.44, no.16, pp.4308-4314, 2009 (SCI-Expanded)
- LXX. Laser welding of Ti6Al4V titanium alloys**
AKMAN E., DEMİR A., CANEL T., SINMAZÇELİK T.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.209, no.8, pp.3705-3713, 2009 (SCI-Expanded)
- LXXI. Fracture morphology and deformation characteristics of repeatedly impacted thermoplastic matrix composites**
Çoban O., Bora M. Ö., Sınmazçelik T., Cürgül I., Günay V.
MATERIALS & DESIGN, vol.30, no.3, pp.628-634, 2009 (SCI-Expanded)
- LXXII. Characterization of the drilling alumina ceramic using Nd:YAG pulsed laser**
KAÇAR E., MUTLU M., AKMAN E., DEMİR A., CANDAN L., CANEL T., GUNAY V., SINMAZÇELİK T.

- JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.209, no.4, pp.2008-2014, 2009 (SCI-Expanded)
- LXXIII. **On the life time prediction of repeatedly impacted thermoplastic matrix composites**
Bora M. Ö., Çoban O., Sinmazçelik T., Cuerguel I., Guenay V.
MATERIALS & DESIGN, vol.30, no.1, pp.145-153, 2009 (SCI-Expanded)
- LXXIV. **Effect of insertional temperature on the pullout strength of pedicle screws inserted into thoracic vertebrae - An in vitro calf study**
TOSUN B., Sinmazcelik T., BULUÇ L., Cuerguel I., Sarlak A. Y.
SPINE, vol.33, no.19, 2008 (SCI-Expanded)
- LXXV. **The effects of thermal cycles on the impact fatigue properties of thermoplastic matrix composites**
SINMAZÇELİK T., ÇOBAN O., Bora M. Ö., Guenay V., Cuerguel I.
APPLIED COMPOSITE MATERIALS, vol.15, no.2, pp.99-113, 2008 (SCI-Expanded)
- LXXVI. **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 (SCI-Expanded)
- LXXVII. **Optimization of Nd:YAG Laser Welding of Magnesium**
DEMİR A., AKMAN E., CANEL T., Ertuerk S., KAYA A. A., Kenar N., SINMAZÇELİK T., URHAN O.
JOURNAL OF LASER MICRO NANOENGINEERING, vol.2, no.1, pp.108-113, 2007 (SCI-Expanded)
- LXXVIII. **Erosive wear behaviour of carbon fibre/polyetherimide composites under low particle speed**
Sari N. Y., Sinmazcelik T.
MATERIALS & DESIGN, vol.28, no.1, pp.351-355, 2007 (SCI-Expanded)
- LXXIX. **Thermal aging effects on mechanical and tribological performance of PEEK and short fiber reinforced PEEK composites**
Sinmazcelik T., Yilmaz T.
MATERIALS & DESIGN, vol.28, no.2, pp.641-648, 2007 (SCI-Expanded)
- LXXX. **The effect of natural weathering on the mechanical, morphological and thermal properties of high impact polystyrene (HIPS)**
Sahin T., Sinmazcelik T., Sahin Ş.
MATERIALS & DESIGN, no.8, pp.2303-2309, 2007 (SCI-Expanded)
- LXXXI. **Investigation of load bearing performances of pin connected carbon/polyphenylene sulphide composites under static loading conditions**
Yilmaz T., Sinmazcelik T.
MATERIALS & DESIGN, vol.28, no.2, pp.520-527, 2007 (SCI-Expanded)
- LXXXII. **Geometric parameters and chemical corrosion effects on bearing strength of polyphenylenesulphide PPS composites**
Yilmaz T., Sinmazçelik T.
MATERIALS AND DESIGN, vol.28, no.5, pp.1695-1698, 2007 (SCI-Expanded)
- LXXXIII. **Erosive wear behaviour of polyphenylenesulphide (PPS) composites**
Sinmazcelik T., Taskiran I.
MATERIALS & DESIGN, vol.28, no.9, pp.2471-2477, 2007 (SCI-Expanded)
- LXXXIV. **Impact-fatigue behaviour of unidirectional carbon fibre reinforced polyetherimide (PEI) composites**
Sinmazcelik T., Arici A. A., GÜNAY V.
JOURNAL OF MATERIALS SCIENCE, vol.41, no.19, pp.6237-6244, 2006 (SCI-Expanded)
- LXXXV. **Influence of various fluids on the interlaminar shear strength (ILSS) and impact behaviour of carbon/pei composites**
Sinmazcelik T., Arici A. A.
JOURNAL OF MATERIALS SCIENCE, vol.41, no.11, pp.3255-3262, 2006 (SCI-Expanded)
- LXXXVI. **Thermal cycles effects on interlaminar shear strength (ILSS) and impact behaviour of carbon/PEI composites**
Sinmazcelik T., Arici A. A.
JOURNAL OF MATERIALS SCIENCE, vol.41, pp.1233-1241, 2006 (SCI-Expanded)

- LXXXVII. **Natural weathering effects on the mechanical and surface properties of polyphenylene sulphide (PPS) composites**
Sinmazcelik T.
MATERIALS & DESIGN, vol.27, no.4, pp.270-277, 2006 (SCI-Expanded)
- LXXXVIII. **Evaluation of cyanoacrylate augmentation of transpedicular screw pullout strength**
Milcan A., Ayan I., Zeren A., Sinmazcelik T., Yilmaz A., Zeren M., Kuyurtar F.
JOURNAL OF SPINAL DISORDERS & TECHNIQUES, vol.18, no.6, pp.511-514, 2005 (SCI-Expanded)
- LXXXIX. **Effects of double passes of the tool on friction stir welding of polyethylene**
Arici A. A., Sinmazcelik T.
JOURNAL OF MATERIALS SCIENCE, vol.40, pp.3313-3316, 2005 (SCI-Expanded)
- XC. **Influence of annealing on the performance of short glass fiber-reinforced polyphenylene sulfide (PPS) composites**
Arici A. A., Sinmazcelik T., ÇAPAN L. J., YILGÖR İ., YILGÖR E.
JOURNAL OF COMPOSITE MATERIALS, vol.39, no.1, pp.21-33, 2005 (SCI-Expanded)
- XCI. **Investigation about the effect of previous impacts on the impact behavior of high impact polystyrene (HIPS)**
ŞAHİN T., SINMAZÇELİK T., ARICI A. A.
JOURNAL OF MATERIALS SCIENCE, no.7, pp.2543-2546, 2004 (SCI-Expanded)
- XCII. **Determination of chemical corrosion effects by using instrumented impact testing on polyphenylenesulphide (PPS) composites**
Sinmazcelik T., Arici A. A.
JOURNAL OF MATERIALS SCIENCE LETTERS, vol.21, no.23, pp.1809-1811, 2002 (SCI-Expanded)
- XCIII. **Mechanical, thermomechanical and tribological properties of cold drawn high impact PS.**
Sinmazcelik T., Sahin T.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.224, 2002 (SCI-Expanded)
- XCIV. **Modification of polyolefins with silicone copolymers. II. Thermal, mechanical, and tribological behavior of PP and HDPE blended with silicone copolymers**
Yilgor E., Sinmazcelik T., Yilgor I.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.84, no.3, pp.535-540, 2002 (SCI-Expanded)
- XCV. **Thermal aging effects on mechanical properties of PEEK and PEEK composites.**
Sinmazcelik T.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.223, 2002 (SCI-Expanded)
- XCVI. **Bearing strength of polyphenylene sulphide (PPS) composites.**
Sinmazcelik T.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.223, 2002 (SCI-Expanded)
- XCVII. **Carbon-fiber-reinforced peek composites: Role of thermal history on the crystallinity, morphology, and thermomechanical properties.**
Yilgor I., Yilgor E., Sinmazcelik T.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.218, 1999 (SCI-Expanded)
- XCVIII. **Microstructure and tribological behavior of CF/PEEK composites. I. Effect of thermal history on matrix and surface morphologies**
Sinmazcelik T., Curgul I., Yilgor E., Yilgor I.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.216, 1998 (SCI-Expanded)
- XCIX. **Modification of polyolefins with silicone copolymers in a twin-screw extruder: Processing, bulk and surface properties.**
Yilgor E., Yilgor I., Sinmazcelik T.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.215, 1998 (SCI-Expanded)
- C. **Influence of sample preparation method on surface microstructure and properties of nylon-6 siloxane-urea copolymer blends**
Sinmazcelik T.
ABSTRACTS OF PAPERS - AMERICAN CHEMICAL SOCIETY, no.215, pp.450-451, 1988 (SCI-Expanded)

Articles Published in Other Journals

- I. **Optimization of laser-texturing process parameters of Ti6Al4V alloys using metaheuristic algorithms**
Ürgün S., Yiğit H., Fidan S., Sınmazçelik T., Canel T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART E: JOURNAL OF PROCESS MECHANICAL ENGINEERING, vol.238, no.2, pp.1-10, 2024 (Scopus)
- II. **Effect of particle flow direction in particle erosion of macro texturized polymer surfaces**
Fidan S., Sınmazçelik T., Ürgün S.
Progress in Additive Manufacturing, vol.7, no.3, pp.1-16, 2023 (ESCI)
- III. **1.2379 Soğuk İş Takım Çeliği Delme Zımbalarında AlTiN, TiSiN ve TiN, PVD Kaplamaların Takım Ömrüne Etkisi**
Günay H., Engin Y., Güven E. A., Sınmazçelik T.
Kocaeli Üniversitesi Fen Bilimleri Dergisi, vol.3, no.2, pp.154-159, 2020 (Peer-Reviewed Journal)
- IV. **Surface Properties of Titanium Alloys Grit Blasted at Various Particle Impingement Angles**
Sınmazçelik T.
MATERIALS TODAY : PROCEEDINGS, vol.32, no.1, pp.18-26, 2020 (Peer-Reviewed Journal)
- V. **The Effects of Grit Size and Blasting Pressure on the Surface Properties of Grit Blasted Ti6Al4V Alloy**
Sınmazçelik T.
MATERIALS TODAY : PROCEEDINGS, vol.32, no.1, pp.27-36, 2020 (Peer-Reviewed Journal)
- VI. **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 (Peer-Reviewed Journal)
- VII. **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 (Peer-Reviewed Journal)
- VIII. **Düşük Hızlı Darbe Yükleme Sonucu Kompozit Malzemelerde Ortaya Çıkan Hasar Mekanizmaları**
FİDAN S., SINMAZÇELİK T., BORA M. Ö., ÇOBAN O.
Mühendis ve Makina, 2011 (Peer-Reviewed Journal)
- IX. **Optimizatin Of Pulsed Nd YAG Laser Parameters For Titanium Seam Welding**
AKMAN E., CANEL T., DEMİR A., SINMAZÇELİK T.
American Institute of Physics, pp.303-304, 2007 (Peer-Reviewed Journal)
- X. **Progresses on the theoretical and experimental studies in Laser Technologies Research and Application Center in Kocaeli**
Sınmazçelik T.
AIP CONFERENCE PROCEEDINGS, vol.899, pp.331-332, 2006 (Conference Book)
- XI. **Polimerlerde Yaşlanma Mekanizmaları ve Etkileri**
Şahin T., Sınmazçelik T., Şahin Ş.
PAGEV Plastik, no.77, pp.94-110, 2004 (Peer-Reviewed Journal)
- XII. **Polimer ve Polimer Matrisli Kompozit Malzemelerin Birleştirilmeleri: Mekanik Bağlama Elemanlarıyla Birleştirme**
SINMAZÇELİK T., YILMAZ T.
PAGEV Plastik Araştırma-Geliştirme ve İnceleme Dergisi, 2004 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Makina Elemanları ve Şekillendirme Tekniği**
cürgül İ., SINMAZÇELİK T., YETİŞTİREN H., ZEREN A.
Birsen, İstanbul, 2020
- II. **Fiber Reinforcement: Continuous Fibers**
Sınmazçelik T., Bora M. Ö., Çoban O., Avcu E., Arıcı A. A.

Refereed Congress / Symposium Publications in Proceedings

- I. **1.2379 SOĞUK İŞ TAKIM ÇELİĞİNDE TEKRARLI CO2 LAZER HATTI İŞLEMLERİNDEN KAYNAKLANAN YÜZEY MORFOLOJİSİ DEĞİŞİKLİKLERİNİN KARAKTERİZASYONU**
UÇAKKUŞ Ö. E., ZEREN A., FİDAN S., BORA M. Ö., ÜRGÜN S., Ceylan R., Ozun E., SINMAZÇELİK T.
9. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Şanlıurfa, Turkey, 16 - 17 March 2024, pp.95-108
- II. **CO2 LAZER İŞLEME PARAMETRELERİNİN 1.2379 SOĞUK İŞ TAKIM ÇELİĞİ YÜZEYLERİ ÜZERİNDEKİ ETKİLERİNİN İNCELENMESİ**
UÇAKKUŞ Ö. E., ZEREN A., ÜRGÜN S., FİDAN S., BORA M. Ö., Ceylan R., Ozun E., SINMAZÇELİK T.
9. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Şanlıurfa, Turkey, 16 - 17 March 2024, pp.109-125
- III. **SOLID PARTICLE EROSION BEHAVIOR OF A 3D PRINTED PLA SURFACE**
Babayiğit E., Fidan S., Korkusuz O. B., Özzaim P., Sınmazçelik T.
1. ULUSLARARASI BOĞAZİÇİ BİLİMSEL ARAŞTIRMALAR KONGRESİ, İstanbul, Turkey, 13 - 14 May 2023, pp.1-2
- IV. **ty, Effect Of Annealing And Hydrothermal Aging Process On The Mechanical Strength Of Short Glass Fiber Reinforced Pps Composites**
ŞAHİN A. E., SINMAZÇELİK T.
3. INTERNATIONAL MARMARA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 19 November 2022, pp.608-613
- V. **EFFECTS OF REINFORCING MATERIALS ON PARTICLE EROSION IN TEFLON (PTFE) MATRIX POLYMER COMPOSITES**
ZEREN M., SINMAZÇELİK T., Eşiyok K.
International Marmara Sciences Congress (Spring 2021), 21 May 2021, vol.1, pp.60
- VI. **PTFE VE KOMPOZİTLERİNİN PARTİKÜL EROZYONU DAVRANIŞI**
Özzaim P., Sınmazçelik T., Fidan S.
ANKARA INTERNATIONAL CONFERENCE ON SCIENTIFIC RESEARCH – IV, Ankara, Turkey, 10 - 11 April 2021, pp.77-78
- VII. **Tek ve Tekrarlı Çizilme Testlerinin PMMA (polimetil metakrilat) Yüzey Hasarlarına Etkileri**
Çetin A., Fidan S., Sınmazçelik T., Ürgün S.
5. ULUSLARARASI BİLİMSEL ÇALIŞMALAR KONGRESİ, İstanbul, Turkey, 15 - 17 March 2021, pp.366-375
- VIII. **KARBON FİBER TAKVİYELİ KOMPOZİTTE ÇİZİLME TESTLERİNE BAĞLI OLUŞAN YÜZEY HASARLARI**
Hakan S., Fidan S., Sınmazçelik T.
5. ULUSLARARASI BİLİMSEL ÇALIŞMALAR KONGRESİ, İstanbul, Turkey, 15 - 17 March 2021, pp.318-328
- IX. **FİBER TAKVİYELİ POLİMER MATRİSLİ KOMPOZİTLERİN LAZER ABLASYONU**
KORKUSUZ O. B., SINMAZÇELİK T.
5. ULUSLARARASI MARMARA FEN BİLİMLERİ KONGRESİ, Kocaeli, Turkey, 04 December 2020, pp.371-381
- X. **Modification of Surface Properties of Shot Peened Ti6Al4V Alloy by Grit Blasting**
YILDIRAN AVCU Y., YETİK O., GÜNEY M., SINMAZÇELİK T., AVCU E.
INTERNATIONAL MARMARA SCIENCES CONGRESS, 19 June 2020
- XI. **Sac Şekillendirme İşletmesinde Fire Yönetimi Çalışmasına Bir Örnek**
Edis R., Yalçın C., Sınmazçelik T., Özzaim P., Yurdakul Y., Yılmaz Y.
Icontech Uluslararası Pozitif Bilimlerde Yenilikçi Araştırmalar Sempozyumu, Bursa, Turkey, 1 - 02 May 2020, vol.4, no.1, pp.56-68
- XII. **Sac Şekillendirme İşletmesinde SMED Çalışmasına Bir Örnek**
Edis R., Yalçın C., Sınmazçelik T., Özzaim P., Durali H., Yurdakul Y.
Icontech Uluslararası Pozitif Bilimlerde Yenilikçi Araştırmalar Sempozyumu, Bursa, Turkey, 1 - 02 May 2020, vol.4, no.1, pp.44-55
- XIII. **The Effects of Grit Size and Blasting Pressure on the Surface Properties of Grit Blasted Ti6Al4V Alloy**

Yetik O., Kocoglu H., YILDIRAN AVCU Y., Avcu E., SINMAZÇELİK T.

7th International Advances in Applied Physics and Materials Science Congress and Exhibition (APMAS), Fethiye, Turkey, 22 - 26 April 2017, vol.32, pp.27-36

- XIV. **Sub-Surface Microstructural and Mechanical Properties of Ti6Al4V Alloy Shot Peened Under Different Parameters**
YILDIRAN Y., YETİK O., IAKOVAKİS E., GÜNEY M., AVCU E., SINMAZÇELİK T.
International Marmara Science Congress (Autumn), 1 - 03 November 2019
- XV. **ADHESIVE WEAR BEHAVİOR OF Tİ6AL4V ALLOY SHOT PEENED UNDER DIFFERENT PARAMETERS**
YILDIRAN Y., YETİK O., IAKOVAKİS E., GÜNEY M., AVCU E., SINMAZÇELİK T.
International Marmara Sciences Congress (Autumn), 1 - 03 November 2019
- XVI. **Cam fiber takviyeli polyester kompozitte tekrarlı darbe yüklemeleriyle oluşan hasar mekanizmaları**
FİDAN S., AVCU E., SINMAZÇELİK T.
I. Ulusal Ege Kompozit Malzemeler Sempozyumu, Turkey, 17 - 19 November 2011
- XVII. **980 MPA DUAL FAZ ÇELİĞE PROJeksiYON KAYNAĞI İLE CIVATA KAYNATILMASI VE TAGUCHİ YÖNTEMİNİ KULLANARAK PARAMETRE OPTİMİZASYONU SAĞLANMASI**
Sınmazçelik T., Canel T.
4. ULUSLARARASI MÜHENDİSLİK, MIMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 23 - 24 April 2019, vol.1, no.1, pp.1115-1124
- XVIII. **EFFECT OF PİSTACHİO SHELL REİNFORCEMENT ON ADHESİVE WEAR BEHAVİOUR OF POLYPROPHELENE (PP) MATRİX COMPOSİTES**
ŞAHİN A. E., ÇETİN B., SINMAZÇELİK T.
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7th International Advances in Applied Physics and Materials Science Congress and Exhibition, APMAS 2017, Fethiye, Turkey, 22 - 26 April 2017, vol.32, pp.27-36
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28th International Conference on Advances and Trends in Engineering Materials and their Applications AES ATEMA, 20 - 24 June 2016
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AVCU E., YILDIRAN Y., SINMAZÇELİK T.
MONTREAL'2016 AES-ATEMA 28th International Conference on "Advances and Trends in Engineering Materials and their Applications", Montreal, Canada, 20 - 24 June 2016, pp.149-158
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The International Conference on Engineering and Natural Sciences (ICENS), 24 - 28 May 2016
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The International Conference on Engineering and Natural Sciences (ICENS-2016), 24 - 28 May 2016
- LX. **Effect of Erodent Particle Velocity on Erosive Wear Behavior of AA6082 T6 Aluminum Alloy**
Erdoğan A. A., Feyzulloğlu E., Fidan S., Sinmazçelik T.
1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.393-399
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Erdoğan A. A., Feyzulloğlu E., Fidan S., Sinmazçelik T.
1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.387-392
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4 th International conference of engineering against failure (ICEAF IV) Skiathos, Greece, 24 - 26 June 2015
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FİDAN S., ÇOBAN O., BORA M. Ö., SINMAZÇELİK T.
4 th International conference of engineering against failure (ICEAF IV) skiathos, greece, 24 - 26 June 2015
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ÇOBAN O., BORA M. Ö., KUTLUK T., FİDAN S., SINMAZÇELİK T.
5. International Advances in Applied Physics and Materials Science Congress&Exhibition (APMAS2015), Fethiye, Turkey, 16 - 19 April 2015, pp.105
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5. International Advances in Applied Physics and Materials Science Congress&Exhibition (APMAS2015), Fethiye, Turkey, 16 - 19 April 2015, pp.106
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KUTLUK T., ÇOBAN O., BORA M. Ö., FİDAN S., SINMAZÇELİK T.
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5th International Advances in Applied Physics and Materials Science Congress Exhibition, Muğla, Turkey, 16 - 19 April 2015

- LXXXIX. **Silan coupling agent effect on solid particle erosion behavior of volcanic ash filled PPS composites**
FİDAN S., ÇOBAN O., BORA M. Ö., KUTLUK T., SINMAZÇELİK T.
5 th International advances in Applied Physics and Materials Science Congress & Exhibition (APMAS2015), 16 - 19 April 2015
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ÇETİN B., ŞAHİN A. E., YILMAZ T., SINMAZÇELİK T., CÜRGÜL İ.
5 th International advances in Applied Physics and materials science Congress & exhibition (APMAS2015), 16 - 19 April 2015
- LXXXI. **Silane Coupling Agent Effect on Solid Particle Erosion Behavior of VolcanicAsh Filled PPS Composites**
SİNAN F., ÇOBAN O., BORA M. Ö., KUTLUK T., SINMAZÇELİK T.
5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS2015), 16 - 19 April 2014
- LXXXII. **Improvement the Toughness and Crack Propagation Resistance Properties of Poly Phenylene Sulfide**
ÇETİN B., ŞAHİN A. E., KARSLI YILMAZ N. G., YILMAZ T., SINMAZÇELİK T., CÜRGÜL İ.
5th International Advances in Applied Physics and Materials Science Congress & Exhibition, 5th International Advances in Applied Physics and Materials Science Congress & Exhibition, 16 - 19 April 2015
- LXXXIII. **Improve the Toughness and Crack Propagation Resistance Properties of Poly Phenylene Sulfide (PPS)**
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5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS 2015), 16 - 19 April 2015
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22nd AES-ATEMA International Conference on Advances and Trends in Engineering Materials and Their Applications, Montreal, Canada, 15 - 19 June 2015, pp.65-74
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YILDIRAN Y., AVCU E., SINMAZÇELİK T.
22nd AES-ATEMA International Conference on Advances and Trends in Engineering Materials and Their Applications, Montreal, Canada, 15 - 19 June 2015, pp.75-85
- LXXXVI. **Investigation of Solid Particle Erosion Mechanisms by Using Tilt Angle SEM View Methodology**
YILDIRAN Y., AVCU E., SINMAZÇELİK T.
22nd International Conference on Advances and Trends in Engineering Materials and their Applications AES ATEMA, Montreal, Canada, 15 - 19 June 2015, pp.65-74
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BALYALI H. A., HÜROL K., ESER H., YILDIRAN Y., AVCU E., SINMAZÇELİK T.
15th International Materials Symposium (IMSP'2014), Denizli, Turkey, 15 - 17 October 2014, pp.957-963
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YILDIRAN Y., AVCU E., ŞEBNEM Ö., DEMİR İ., GÜVEN A. T., SINMAZÇELİK T.
15th International Materials Symposium (IMSP'2014), 15 - 17 October 2014, pp.965-971
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FİDAN S., ÇOBAN O., BORA M. Ö., ÖZCAN B., SINMAZÇELİK T., BORA M. Ö.
15 th International Materials Symposium, 15 - 17 October 2014

- XCI. Process Optimization of PPS by Using Taguchi Method for Thermomechanical Properties Microcompounding and Injection Molding**
AYMERGEN V., ÇOBAN O., BORA M. Ö., FİDAN S., ÖZCAN B., SINMAZÇELİK T.
15 th International Materials Symposium, 15 - 17 October 2014
- XCII. Process Optimization of PPS by Using Taguchi Method for Thermal Properties Microcompounding and Injection Molding**
AYMERGEN V., ÇOBAN O., BORA M. Ö., FİDAN S., ÖZCAN B., SINMAZÇELİK T.
15 th International Materials Symposium, 15 - 17 October 2014
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AVCU E., YILDIRAN Y., ÖZCAN B., SINMAZÇELİK T.
4th International Advances in Applied Physics and Materials Science Congress Exhibition, 24 - 27 April 2014
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ŞAHİN A. E., YILMAZ S., YILMAZ T., YILDIRAN Y., AVCU E., SINMAZÇELİK T.
4th International Advances in Applied Physics and Materials Science Congress&Exhibition (APMAS 2014), 24 - 27 April 2014
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2013 Makina İmalat Teknolojileri Kongresi, Bursa, Turkey, 6 - 07 December 2013
- XCVI. Pomza tozu takviyeli polifenilen sülfid (PPS) matrisli kompozitlerin katı partikül erozyonu davranışı**
ŞAHİN A. E., YILDIRAN Y., AVCU E., FİDAN S., SINMAZÇELİK T.
II. Ulusal Ege Kompozit Malzemeler Sempozyumu, Aydın, Turkey, 7 - 09 November 2013
- XCVII. THE EFFECT OF LOW TEMPERATURE PLASMA NITRIDING ON WEAR RESISTANCE OF Ti6Al4V ALLOY**
GÜL O., SARI N. Y., SINMAZÇELİK T.
3rd International Advances In Applied Physics&Materials Science Congress, APMAS 2013, 24 - 28 April 2013
- XCVIII. AŞINDIRICI PARTİKÜL BOYUTU VE PÜSKÜRTME BASINCININ Ti6Al4V ALAŞIMININ KATI PARTİKÜL EROZYONU DAVRANIŞINA ETKİLERİ**
YILDIRAN Y., ŞAHİN A. E., AVCU E., FİDAN S., SINMAZÇELİK T.
14th International Materials Symposium (IMSP'2012), Denizli, Turkey, 10 - 12 October 2012
- XCIX. AŞINDIRICI PARTİKÜL KARIŞIMLARININ Ti6Al4V ALAŞIMININ KATI PARTİKÜL EROZYON DAVRANIŞINA ETKİLERİ**
ŞAHİN A. E., YILDIRAN Y., FİDAN S., AVCU E., SINMAZÇELİK T.
IV. ULUSAL HAVACILIK VE UZAY KONFERANSI, İstanbul, Turkey, 12 - 14 September 2012
- C. Aşındırıcı partikül boyutu, partikül çarpma açısı ve püskürtme basıncının alümina seramik malzemenin katı partikül erozyonu davranışına etkileri**
ŞAHİN A. E., YILDIRAN Y., AVCU E., FİDAN S., SINMAZÇELİK T., GÜNAY V.
14th International Materials Symposium (IMSP'2012), Denizli, Turkey, 10 - 12 October 2012
- CI. Computerized tomography characterization of low velocity impact damage in glass fiber reinforced polyester composite**
AVCU E., FİDAN S., BORA M. Ö., ÇOBAN O., SINMAZÇELİK T.
14th International Materials Symposium (IMSP'2012), 10 - 12 October 2012
- CII. Aşındırıcı partikül karışımlarının cam keçe takviyeli polifenilen sulfid matrisli kompozitlerin katı partikül erozyon davranışlarına etkileri**
YILDIRAN Y., ŞAHİN A. E., AVCU E., FİDAN S., SINMAZÇELİK T.
IV. Ulusal Havacılık Ve Uzay Konferansı, Turkey, 12 - 14 September 2012
- CIII. Detecting Impact Damages In An Aramid/Glass Fiber Reinforced Hybrid Composite With Micro Tomography**
FİDAN S., SINMAZÇELİK T., AVCU E., BORA M. Ö., ÇOBAN O.
14th International Conference on Advances in Materials and Processing Technologies (AMPT), İstanbul, Turkey, 13

- 16 July 2011, vol.445, pp.9-10

- CIV. **Solid particle erosive wear behavior of ductile, semi-ductile and brittle materials: Influence of particle impingement angle and velocity**
AVCU E., FİDAN S., BORA M. Ö., ÇOBAN O., SINMAZÇELİK T., Taskiran I.
9th International Conference on Advances and Trends in Engineering Materials and their Applications, AES-ATEMA'2011, Montreal, Canada, 1 - 05 August 2011, pp.123-133
- CV. **Cam keçe takviyeli polifenilen sülfid matrisli kompozitlerin katı partikül erozyon davranışları partikül çarpma açısının ve hızının etkileri**
AVCU E., ŞAHİN A. E., FİDAN S., SINMAZÇELİK T., Taşkıran İ., BORA M. Ö., ÇOBAN O.
I. Ulusal Ege Kompozit Malzemeler Sempozyumu, Turkey, 17 - 19 November 2011
- CVI. **Process Optimization by Design of Experiments Micro compounding and Injection Molding of PPS Composit**
ÇOBAN O., BORA M. Ö., ÖZCAN B., AVCU E., SINMAZÇELİK T.
International Conference on Advances in Materials and Processing Technologies, 13 - 16 July 2011
- CVII. **Process optimization by design of experiments micro compounding and injection molding of PPS composites**
ÇOBAN O., BORA M. Ö., ÖZCAN B., AVCU E., SINMAZÇELİK T.
International Conference on Advances in Materials and Processing Technologies (AMPT), 13 - 16 July 2011
- CVIII. **Solid particle erosive wear behavior of glass mat reinforced thermoplastics influence of erodent particle size particle impingement angle and pressure**
AVCU E., FİDAN S., BORA M. Ö., ÇOBAN O., Taşkıran İ., SINMAZÇELİK T.
International Workshop on Thermoplastic Matrix Composites THEPLAC, 23 - 24 June 2011
- CIX. **Ti6Al4V Alaşımlarında Çentiklerde Süperpozisyon Etkisinin İncelenmesi**
GÜVEN E. A., SINMAZÇELİK T., GÜNAY V.
8. Uluslararası Kırılma Konferansı, 7 - 09 November 2007, vol.1, pp.104-114
- CX. **Optimizatin of pulsed Nd : YAG laser parameters for titanium seam-welding**
AKMAN E., CANEL T., DEMİR A., SINMAZÇELİK T.
6th International Conference of the Balkan-Physical-Union, İstanbul, Turkey, 22 - 26 August 2006, vol.899, pp.303-304
- CXI. **Progresses on the theoretical and experimental studies in Laser Technologies Research and Application Center in Kocaeli**
AKMAN E., ATALAY B., CANDAN L., CANEL T., DEMİR A., DEMİR P., ERTÜRK S., Genc B., KAÇAR E., Kenar N., et al.
6th International Conference of the Balkan-Physical-Union, İstanbul, Turkey, 22 - 26 August 2006, vol.899, pp.331-332
- CXII. **Image processing supported tensile test for analysis of crack propagation in polypropylene material Polipropilen malzemede çatlak ilerlemesinin görüntü işleme destekli çekme testi ile değerlendirilmesi**
Coşar S., URHAN O., ERTÜRK S., SINMAZÇELİK T.
IEEE 13th Signal Processing and Communications Applications Conference, SIU 2005, Kayseri, Turkey, 16 - 18 May 2005, vol.2005, pp.87-90
- CXIII. **Yüksek Darbe Dirençli Polistiren malzemede soğuk çekmenin ön darbe ve ön eğmenin mekanik özelliklerine etkisi**
ŞAHİN T., ARICI A. A., SINMAZÇELİK T.
7. Uluslararası Kırılma Konferansı, Kocaeli, Turkey, 19 - 21 October 2005, pp.1143-1153
- CXIV. **Soğuk Çekilmiş Kristalin Malzemede Doğal Yaşlandırmanın Kırılma Morfolojisine Etkisi**
ŞAHİN T., SINMAZÇELİK T.
7. Uluslararası Kırılma Konferansı, Kocaeli, Turkey, 19 - 21 October 2005, pp.945-951
- CXV. **Farklı Geometrik Birleştirme Parametrelerinin ve Fiber Yönlenme Şekillerinin Kompozit Panellerin Pim ile Yük Taşıma Performansına Etkisi**
YILMAZ T., SINMAZÇELİK T.
7th International Fracture Conference, 19 - 21 October 2005

- CXVI. **Yüksek Darbe Dayanımlı Polistiren (YDDPS) Malzemede Darbeli Yorulma Davranışı**
ŞAHİN T., SINMAZÇELİK T., YILMAZ T.
7th International Fracture Conference, 19 - 21 October 2005
- CXVII. **Yüksek Darbe Dayanımlı Polistiren (YDDPS) Malzemenin Farklı Enerjili Darbeler Altındaki Kırılma Davranışı**
ŞAHİN T., SINMAZÇELİK T., YILMAZ T.
7th International Fracture Conference, 19 - 21 October 2005
- CXVIII. **Sürekli Cam Fiber Takviyeli Polyphenylenesulphide (PPS) Matrisli Kompozitlerde Asit Ortamın Pim ile Yük Taşıma Performansına Etkisi**
YILMAZ T., SINMAZÇELİK T.
7th International Fracture Conference, 19 - 21 October 2005
- CXIX. **Cyanoacrylate Augmentation of Transpedicular Screw Fixation: A Biomedical Analysis**
ZEREN A., MİLCAN A., ZEREN M., KUYURTAR F., SINMAZÇELİK T.
7th Efort Congress Lisbon, 4 - 07 June 2005
- CXX. **Statik Yükleme Şartlarında Karbon PPS Kompozitlerin Pim ile Yük Taşıma Performanslarının İncelenmesi**
YILMAZ T., SINMAZÇELİK T.
Havacılıkta İleri Teknolojiler ve Uygulamaları Sempozyumu (HİTEK), Turkey, 9 - 10 December 2004
- CXXI. **Chemical Corrosion Effects on the Impact Bulk and Surface Properties of Polyphenylenesulphide (PPS) Composites**
SINMAZÇELİK T., ATEŞ H., YILMAZ T.
The First Cappadocia Mechanical Engineering Symposium, Turkey, 14 - 16 July 2004
- CXXII. **Impact-Fatigue Behaviour of Carbon/Polyetherimide (PEI) Composite Materials**
SINMAZÇELİK T., ARICI A. A., YILMAZ T.
11th European Conference on Composite Materials (ECCM11), Greece, 31 May - 03 June 2004
- CXXIII. **Weathering Effects on the Impact, Bulk and Surface Properties of Polyphenylene Sulphide (PPS) Composites**
SINMAZÇELİK T., ATEŞ H., YILMAZ T.
11th European Conference on Composite Materials (ECCM11), Greece, 31 May - 03 June 2004
- CXXIV. **Microstructure Effects on Tribological Performance on PEEK and PEEK Composites**
YILMAZ T., SINMAZÇELİK T.
4th International Conference on Tribology "Balkantrib2002, Turkey, 12 June 2002
- CXXV. **Polimer Esaslı Sızdırmazlık Elemanlarında Yüzey Pürüzlülüğünün Aşınmaya Etkisi**
ZEREN A., SINMAZÇELİK T., YETİŞTİREN H.
8. Uluslararası Makina Tasarımı ve İmalat Kongresi, 9 - 11 September 1998
- CXXVI. **Microstructure and tribological behavior of CF/PEEK composites: effect of thermal history on matrix and surface morphologies**
SINMAZÇELİK T., Curgul I., Yilgor I., Yilgor E.
Proceedings of the 1997 Boston Meeting, Boston, MA, USA, 23 - 27 August 1998, vol.39, pp.1201-1202
- CXXVII. **Influence of sample preparation method on surface microstructure and properties of nylon-6 siloxane-urea copolymer blends**
Yilgor E., Yilgor I., Sinmazcelik T., Sunmazcelik T.
Proceedings of the 1997 Boston Meeting, Boston, MA, USA, 23 - 27 August 1998, vol.39, pp.1171-1172
- CXXVIII. **TEK YÖNLÜ KARBON – PEEK KOMPOZİTLERDE SUNİ YAŞLANDIRMANIN TRİBOLOJİK ÖZELLİKLERE ETKİLERİ**
Sinmazçelik T., Arıcı A. A., Şahin Ş.
1. Makine Mühendisliği Kongresi, İstanbul, Turkey, 4 - 06 June 1997, pp.401-407

I. Wiley Encyclopedia of Composites

SINMAZÇELİK T., BORA M. Ö., ÇOBAN O., AVCU E., ARICI A. A.
Wiley, pp., 2012

Supported Projects

KODAL M., SINMAZÇELİK T., MERT O., AYTAÇ A., KARAAĞAÇ B., Project Supported by Higher Education Institutions, Yeşil Büyüme Teknoloji Kapsamında Yenilikçi ArGe Konuları ve 12 Kalkınma Planı Hedefleri Doğrultusunda Polimerik Malzemelerin Üretilmesi ve Özelliklerinin İncelenmesi, 2024 - Continues

FİDAN S., BORA M. Ö., ÜRGÜN S., SINMAZÇELİK T., Project Supported by Higher Education Institutions, Uçak malzemelerinde eğimli yüzeylerde fiber lazer ile yüzey dokularının oluşturulması işlem parametrelerinin optimizasyonu ve analizi, 2024 - Continues

YAMANOĞLU R., CENGİZ A., KOÇ F. G., MURATAL O., SINMAZÇELİK T., AVCU E., GÜMÜŞ S., KAYA H., YILDIRAN AVCU Y., Project Supported by Higher Education Institutions, Eklemeli İmalat ve Balata Sektörüne Yönelik Metal Esaslı Tozların Gaz Atomizasyonu ile Üretimi, 2024 - Continues

SINMAZÇELİK T., ÖZZAİM TOKER P., Project Supported by Higher Education Institutions, Tekstil Elyaf Takviyeli Kompozitlerin Tribolojik ve Mekanik Özelliklerinin İncelenmesi, 2023 - Continues

SINMAZÇELİK T., KORKUSUZ O. B., Project Supported by Higher Education Institutions, Tribolojik Özellikleri İyileştirmek Üzere Epoksi Bazlı Kompozit Kaplamaların Geliştirilmesi, 2023 - Continues

BORA M. Ö., YARAR E., OZUN E., CEYLAN R., KUTLUK T., SINMAZÇELİK T., ÇOBAN O., ceylan r., Project Supported by Higher Education Institutions, Tek Tesirli Yapıştırma Bağlantılarında Mekanik Performansın Gerilme Yığılmaları Odaklı Farklı Tasarım Değişkenlerinin Deneysel ve Sonlu Elemanlar Yöntemiyle İncelenmesi, 2023 - Continues

SINMAZÇELİK T., Otomotiv parçaları için yenilikçi birleştirme, malzeme ve montaj çözümleri, 2023 - 2024

SINMAZÇELİK T., Arge Merkezi Akademik Danışmanlığı, 2023 - 2024

SINMAZÇELİK T., Yenilikçi antivibrasyon, Sızdırmazlık elemanları, kauçuk karışımlar ve imalat teknolojileri geliştirme;, 2023 - 2024

SINMAZÇELİK T., ÇETİN B., Project Supported by Higher Education Institutions, KARBON FİBER TAKVİYELİ POLY ETHER ETHER KETONE KOMPOZİTLERDE MİKRO YAPININ MEKANİK TERMOMEKANİK VE TRIBOLOJİK ÖZELLİKLERE ETKİLERİ, 2021 - 2024

Sinmazçelik T., Yarar E., Company, Otomotiv parçaları için yenilikçi birleştirme ve montaj çözümleri, 2022 - 2023

SINMAZÇELİK T., Yenilikçi Süspansiyon Sistem Bileşenleri, Sac Şekillendirme Prosesleri ve Alternatif Malzemeler Geliştirme, 2022 - 2023

ARICI A. A., SINMAZÇELİK T., Yenilikçi duvar, yalıtım ve yapı malzemeleri geliştirilmesi, 2022 - 2022

SINMAZÇELİK T., Yenilikçi katkı maddeleri ile alternatif döküm polyamid karışımlar geliştirmek ve imalat maliyetlerini düşürmek , 2022 - 2022

ÇOBAN O., SINMAZÇELİK T., KUTLUK T., BORA M. Ö., Project Supported by Higher Education Institutions, VOLKANİK PARTİKÜL DOLGUTAKVİYE MAMÜL HAZIRLIĞI (PATENT), 2021 - 2021

SINMAZÇELİK T., Sensör geliştirilmesi projesi, 2020 - 2021

SINMAZÇELİK T., Yenilikçi kauçuk geliştirilmesi, 2020 - 2021

SINMAZÇELİK T., Yenilikçi kauçuk geliştirilmesi, 2020 - 2021

SINMAZÇELİK T., Depolama sistemi geliştirilmesi, 2020 - 2021

SINMAZÇELİK T., Endüstriyel robot geliştirilmesi, 2020 - 2021

SINMAZÇELİK T., Paketleme sistemi geliştirilmesi, 2020 - 2021

SINMAZÇELİK T., Project Supported by Higher Education Institutions, TERMOPLASTİK MATRİSLİ KOMPOZİTLERDE ISIL İŞLEM VE YAŞLANDIRMA PROSESLERİNİN MEKANİK, TERMAL VE TRIBOLOJİK ÖZELLİKLERE ETKİLERİ, 2018 - 2019

SINMAZÇELİK T., Project Supported by Higher Education Institutions, PERLİT VE SODYUM Bİ KARBONAT(NaHCO₃) TAKVİYESİNİN POLİMER ESASLI KOMPOZİTLERİN YANMA DİRENÇLERİ ÜZERİNE ETKİSİ, 2016 - 2017

SINMAZÇELİK T., TUBITAK Project, Havacılık ve Savunma Sanayi İçin Kompozit Elyaf Sarma Makinesinin Geliştirilmesi, 2015 - 2017

SINMAZÇELİK T., GÜVEN E. A., TUBITAK Project, 21 METRE KENDİNDEN YÜRÜYÜŞLÜ ALÜMİNYUM SEPET VE FLYBOM

ELEKTRONİK DONANIMLI ESNEK ÇALIŞMA ÖZELLİKLİ TELESKOPİK ÇALIŞMA PLATFORMLARI GELİŞTİRME PROJESİ,
2015 - 2017

YILMAZ T., SINMAZÇELİK T., TUBITAK Project, Polifenilen Sülfid (PPS) Matrisli Kompozitlerin Tribolojik Özelliklerinin ve Kırılma Davranışının İyileştirilmesi, 2014 - 2017

Çoban O., Bora M. Ö., Sınmazçelik T., TUBITAK Project, POSSIBLE USAGE OF VOLCANIC ASHES AS A REINFORCEMENT MATERIAL FOR POLYMERS IN AUTOMOTIVE INDUSTRY, 2014 - 2015

Sınmazçelik T., TUBITAK Project, 213M563 kodlu 1001 projesi Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, 2014 - 2015

SINMAZÇELİK T., Project Supported by Higher Education Institutions, Süper Alaşım ve Titanyum Alaşımında Mikroyapı / Katı Partikül Erozyonu İlişkisi, 2011 - 2012

SINMAZÇELİK T., Project Supported by Higher Education Institutions, Polimer Matrisli Kompozitlerde Üretim Şartlarının Malzeme İyiliğine, Mekanik ve Tribolojik Özelliklere Etkisi (Onur ÇOBAN Tez Projesi), 2010 - 2012

SINMAZÇELİK T., Project Supported by Higher Education Institutions, Polimer Matrisli Kompozitlerin Darbe Yüklemeleri Altındaki Darbe Davranışlarının İncelenmesi, 2010 - 2012

Patent

Çoban O., Bora M. Ö., Kutluk T., Sınmazçelik T., VOLKANİK PARTİKÜL DOLGU/TAKVİYE MAMÜL HAZIRLIĞI, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Recourse Number: 2016/15713 , Standard Registration, 2020

Activities in Scientific Journals

MATERIALS AND DESIGN, Committee Member, 2010 - 2015

Scientific Refereeing

TRIBOLOGY INTERNATIONAL, SCI Journal, September 2023

TRIBOLOGY INTERNATIONAL, SCI Journal, May 2023

TRIBOLOGY INTERNATIONAL, SCI Journal, May 2020

JOURNAL OF COMPOSITE MATERIALS, SCI Journal, May 2020

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, DEDEM ELEKTRİK TAAHHÜT OTOMASYON ELEKTRONİK SAN. VE TİC. LTD. ŞTİ., Turkey, March 2020

TUBITAK Project, 1501 - Industry R & D Projects Support Program, KAREL KALIP SAN. A.Ş., Turkey, March 2020

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Sinter Matel, Turkey, March 2020

TUBITAK Project, 1501 - Industry R & D Projects Support Program, TULKAS MÜHENDİSLİK VE TEKNOLOJİ LİMİTED ŞİRKETİ, Turkey, January 2020

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, ELEKTROLAND SAVUNMA SANAYİ ANONİM ŞİRKETİ, Turkey, January 2020

TUBITAK Project, 1501 - Industry R & D Projects Support Program, MİR ARAŞTIRMA VE GELİŞTİRME A.Ş., Turkey, January 2020

TUBITAK Project, 1501 - Industry R & D Projects Support Program, PULVER KİMYA SAN. VE TİC. A.Ş., Turkey, July 2019

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, ADA LASTİK KAÇUK MAKİNE PLASTİK DERİ KİMYA OTOMOTİV TEKSTİL GIDA İNŞAAT TURİZM SAN. VE TİC. LTD. ŞTİ., Turkey, June 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, MAGNA OTOMOTİV SANAYİ VE TİCARET A.Ş., Turkey, June 2019

TUBITAK Project, 1505 - University-Industry Cooperation Support Program, Selcuk University, Turkey, May 2019

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, POWER OTOMASYON VE MAKİNE SANAYİ TİCARET

ANONİM ŞİRKETİ, Turkey, April 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, STANDARD PROFİL OTOMOTİV SAN. VE TİC. A.Ş., Turkey, April 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, TEKNO KAUÇUK SAN. A.Ş., Turkey, February 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, MAKOTO MÜHENDİSLİK DANIŞMANLIK İTHALAT İHRACAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, February 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, BELKA KAUÇUK ÜRÜNLERİ SAN. VE TİC. A.Ş., Turkey, January 2019

Metrics

Publication: 245

Citation (WoS): 2145

Citation (Scopus): 2724

H-Index (WoS): 22

H-Index (Scopus): 25

Awards

Sınmazçelik T., 10. TEKNOLOJİ ÖDÜLÜ, ÜRÜN ÖDÜLÜ, Tübitak, TtgV Tüsiad, May 2012

Sınmazçelik T., Prof. Dr. Baki Komsuoğlu Bilim Teşvik Ödülleri, Kocaeli Üniversitesi Rektörlüğü, May 2011

Sınmazçelik T., Üniversite 2 ncsi., Yıldız Teknik Üniversitesi, November 1992

Non Academic Experience

Türk Pirelli Lastik Fabrikası

Company, Türk Pirelli Lastikleri A.Ş., Konvansiyonel Lastik Bl.