

Prof. TAMER SINMAZÇELİK

Personal Information

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ScopusID: 6602268594

Yoksis Researcher ID: 35273

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, Yıldız 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

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 ölçümleri için prototip test cihazı tasarımı ve imalatı, Postgraduate, H.ÇAKIR(Student), 2023

Sınmazçelik T., Kestamid ve kompozitlerinin erozif aşınma davranışlarının 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 duruş ve 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合金ının 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 alaşımının partikül erozyonu ile pürüzlendirilmesi ve aşındırılması işlemlerinin optimizasyonu, Doctorate, E.AVCU(Student), 2013

Sınmazçelik T., Farklı büyülükler sahip aşındırıcı partikül karışımının 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 tasarımları ve performansının ölçülmesi, Postgraduate, B.IŞIK(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, Doğuş 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. 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)
- II. 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 (SCI-Expanded)
- III. Understanding the effect of solid lubricants on scratch behavior in epoxy resins: An experimental and statistical approach
Ceylan R., Ozun E., Özziāim Toker P., Korkusuz O. B., Yarar E., Fidan S., Bora M. Ö., Sınmazçelik T.
POLYMER COMPOSITES, vol.0, no.0, pp.1-18, 2024 (SCI-Expanded)

- IV. Optimization of Laser Cutting Parameters for PMMA Using Metaheuristic Algorithms
ÜRGÜN S., YİĞİT H., FİDAN S., SINMAZÇELİK T.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 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., Özziim P., Şahin A. E., Fidan S., Sinmazçelik 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., Sinmazçelik 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., Sinmazçelik 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., Sinmazçelik 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., Feyzullahoglu E., Fidan S., Sinmazçelik 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., Sinmazçelik 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., Sinmazçelik 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 626Optimierung 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
Yıldırın Avcu Y., Yetik O., Guney M., Sinmazçelik 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., Vatansever F., Yarar E., Guven E. A., Sinmazçelik 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

Yıldırın A., Yetik O., Guney M., Iakovakis E., Sınmazçelik 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**

Sınmazçelik 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., Feyzullahoglu 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 (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**

AI 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. **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)

- XXVII. **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)

- 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 pürüzlülüğe 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. **Effects of Terpolymer Addition on the Thermal and Termomechanical 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)

- XXXI. 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)
- 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., Sinmazcelik T.
POLYMER COMPOSITES, vol.37, no.11, pp.3160-3166, 2016 (SCI-Expanded)
- XXXVI. 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)
- XXXVII. 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)
- 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. 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)
- 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. 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)
- XLII. Optimization of Surface Properties of Shot Peened Ti6AL4V Alloy
Yıldırın Y., Avcu E., Sinmazçelik T.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.984-986, 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. Effect of particle impact angle, Erodent particle size and acceleration pressure on the solid particle

- erosion behavior of 3003 Aluminum alloy**
Yıldırın 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)
- XLV. 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)
- XLVI. 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)
- XLVII. 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)
- 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**
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