

Prof. TAMER SINMAZÇELİK

Personal Information

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Education Information

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

Post Graduate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1992 - 1994

Under Graduate, 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

Post Graduate, 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 Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2011 - Continues

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

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 1993 - 2005

Professional Experience

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

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

Courses

Machine Elements 2, Under Graduate, 2019 - 2020

inovasyon ve proje yönetimi, Under Graduate, 2019 - 2020

Machine elements 1, Under Graduate, 2019 - 2020

Makina tasarım ve şekillendirme tekniği , Under Graduate, 2019 - 2020

Advising Theses

- Sınmazçelik T., Örgü yapıli sürekli karbon fiber takviyeli polimer kompozitin katı partikül erozyonu, Post Graduate, H.BIKMAZ(Student), 2019
- Sınmazçelik T., Projeksiyon kaynağı ile dual faz çeliğe civata kaynatılması ve taguchi yöntemi ile parametre optimizasyonu, Post Graduate, S.DEMİR(Student), 2019
- Sınmazçelik T., Ti6Al4V titanyum alaşımın bilyalı dövme sonrası aşınma davranışının incelenmesi, Doctorate, Y.YILDIRAN(Student), 2019
- Sınmazçelik T., Eko kompozitlerin üretimi ve karakterizasyonu, Doctorate, A.EREN(Student), 2019
- Sınmazçelik T., El aletleri ile çalışan kişilerde zorlanmaya neden olan duruş ve hareketlerin analizi, Post Graduate, A.ORKUN(Student), 2019
- Sınmazçelik T., Katı Partikül Erozyonunun Endüstriyel Alandaki Önemi, Post Graduate, A.YAVUZ(Student), 2018
- Sınmazçelik T., Su destekli plastik enjeksiyon sistemi ile polimer kompozit silecek kolu üretimi, Post Graduate, F.SONGÜL(Student), 2018
- Sınmazçelik T., Mikro gözenekli enjeksiyon kalıplama yönteminin otomotiv uygulamaları, Post Graduate, H.KOÇOĞLU(Student), 2015
- Sınmazçelik T., Pomza partikül takviyeli polimer matrisli kompozitlerin üretimi ve erozif aşınma davranışının incelenmesi, Post Graduate, A.EREN(Student), 2013
- Sınmazçelik T., Titanyum alaşımlarının partikül erozyonu ile pürüzlendirilmesi ve aşındırılması işlemlerinin optimizasyonu, Doctorate, E.AVCU(Student), 2013
- Sınmazçelik T., Polimer matrisli kompozitlerin darbe davranışlarının incelenmesi ve oluşan hasarların mikro tomografi yöntemiyle incelenmesi, Doctorate, S.FİDAN(Student), 2011
- Sınmazçelik T., Polimer matrisli kompozitlerde partikül takviyesinin malzeme iç yapısına, mekanik ve tribolojik özelliklere etkisi, Doctorate, O.ÇOBAN(Student), 2011
- Sınmazçelik T., Farklı büyüklüklere sahip aşındırıcı partikül karışımlarının ti6al4v alaşımının erozif aşınma davranışına etkileri, Post Graduate, E.AVCU(Student), 2011
- Sınmazçelik T., Fren hortumu tasarımı ve performansının ölçülmesi, Post Graduate, B.İŞİK(Student), 2010
- Sınmazçelik T., Lazer ve kumlama yöntemleri ile Ti6Al4V alaşımında fonksiyonel yüzeylerin oluşturulması, Post Graduate, Z.YÜCEL(Student), 2008
- Sınmazçelik T., Polimer kompozitlerde çevresel etkilerin darbe yüklemeleri altındaki davranışlarına ve morfolojisine etkileri, Post Graduate, 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, Post Graduate, B.HAYRİ(Student), 2002
- Sınmazçelik T., PEEK (polyetheretherketone) ve kompozitlerinde kısa fiber takviyesi ve mikro yapının tribolojik özelliklere etkisi, Post Graduate, T.YILMAZ(Student), 2002

Jury Memberships

- Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, May, 2020
- Appointment Academic Staff, Appointment Academic Staff, Doğu Üniversitesi, March, 2020
- Associate Professor Exam, Associate Professor Exam, Orta Doğu Teknik Üniversitesi, February, 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **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 (Journal Indexed in SCI)

- **Effects of 3D printed surface texture on erosive wear**
SINMAZÇELİK T., FİDAN S., ÜRGÜN S.
Tribology International, vol.144, no.106110, 2020 (Journal Indexed in SCI)
- **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, 2020 (Journal Indexed in SCI)
- **Effect of mussel shell reinforcement on mechanical and tribological behavior of polyphenylene sulfide composites**
ŞAHİN A. E. , ÇETİN B., SINMAZÇELİK T.
Journal of Thermoplastic Composite Materials, 2020 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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, 2019 (Journal Indexed in SCI)
- **BIOMECHANICAL COMPARISON OF MEDIAL VERSUS LATERAL SIDED PLATING IN FEMORAL FRACTURES**
AI F., TOSUN B., SINMAZÇELİK T., Ozmen M.
ACTA ORTOPEDICA BRASILEIRA, vol.26, pp.265-270, 2018 (Journal Indexed in SCI)
- **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, pp.349-353, 2018 (Journal Indexed in SCI)
- **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, pp.1604-1611, 2018 (Journal Indexed in SCI)
- **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, pp.1612-1619, 2018 (Journal Indexed in SCI)
- **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, pp.1638-1646, 2018 (Journal Indexed in SCI)
- **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, pp.1051-1061, 2017 (Journal Indexed in SCI Expanded)
- **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, pp.598-600, 2017 (Journal Indexed in SCI)
- **Olivine Particle Reinforced Polyphenylene Sulfide Matrix Composites**
ŞAHİN A. E. , SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.131, pp.481-483, 2017 (Journal Indexed in SCI)
- **Blasting nozzle internal geometry effects on wear and roughness of target material in particle erosion**
ÖNEN B., FİDAN S., SINMAZÇELİK T., ÇINAR A.

- **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, pp.3219-3227, 2016 (Journal Indexed in SCI)
- **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, pp.3160-3166, 2016 (Journal Indexed in SCI)
- **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, pp.2661-2680, 2016 (Journal Indexed in SCI)
- **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, pp.498-500, 2016 (Journal Indexed in SCI)
- **Improvement of the Toughness and Crack Propagation Resistance Properties of Poly(Phenylene Sulfide)**
ÇETİN B., ŞAHİN A. E. , Karsli N. G. , YILMAZ T., SINMAZÇELİK T., CÜRGÜL İ.
ACTA PHYSICA POLONICA A, vol.129, pp.683-686, 2016 (Journal Indexed in SCI)
- **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, pp.495-497, 2016 (Journal Indexed in SCI)
- **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, pp.492-494, 2016 (Journal Indexed in SCI)
- **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, pp.963-973, 2016 (Journal Indexed in SCI)
- **Optimization of Surface Properties of Shot Peened Ti6Al4V Alloy**
YILDIRAN Y., AVCU E., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.127, pp.984-986, 2015 (Journal Indexed in SCI)
- **Thermomechanical and Solid Particle Erosion Behaviour of CaCO₃ and SGF (Short Glass Fibre) Reinforced ABS/PA6 Composites**
ŞAHİN A. E. , YILMAZ S., YILMAZ T., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.127, pp.1062-1064, 2015 (Journal Indexed in SCI)
- **Thermomechanical and solid particle erosion behaviour of CaCO₃ and SGF (short glass fibre) reinforced ABS/PA6 composites**
ŞAHİN A. E. , YILMAZ S., YILMAZ T., SINMAZÇELİK T.
Acta Physica Polonica A, vol.127, pp.1062-1064, 2015 (Journal Indexed in SCI)
- **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, pp.1826-1833, 2014 (Journal Indexed in SCI)
- **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, pp.518-520, 2014 (Journal Indexed in SCI)
- **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, pp.491-493, 2014 (Journal Indexed in SCI)

- **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, pp.541-543, 2014 (Journal Indexed in SCI)

- **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, pp.523-525, 2014 (Journal Indexed in SCI)

- **Solid particle erosion behaviour of Ti6Al4V alloy**

AVCU E., FİDAN S., YILDIRAN Y., SINMAZÇELİK T.

Tribology - Materials, Surfaces and Interfaces, vol.7, pp.201-210, 2013 (Journal Indexed in SCI Expanded)

- **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, pp.1591-1599, 2013 (Journal Indexed in SCI)

- **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, pp.1088-1094, 2013 (Journal Indexed in SCI)

- **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 (Journal Indexed in SCI)

- **A Study on the Derivation of Parametric Cutting Force Equations in Drilling of GFRP Composites**

OKUTAN E., KARABAYS., SINMAZÇELİK T., AVCU E.

STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol.59, pp.97-105, 2013 (Journal Indexed in SCI)

- **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., KARABAYS., SINMAZÇELİK T.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, pp.865-874, 2012 (Journal Indexed in SCI)

- **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)

- **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, pp.1766-1771, 2011 (Journal Indexed in SCI)

- **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, pp.3671-3685, 2011 (Journal Indexed in SCI)

- **Erosive Wear Studies of Glass fiber- and Carbon Fiber-reinforced Polyetheretherketone Composites at Low Particle Speed**

SARI N. Y. , SINMAZÇELİK T., YILMAZ T.

JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.24, pp.333-350, 2011 (Journal Indexed in SCI)

- **Fracture Behavior of High Impact Polystyrene under Different Impact Energies**

ŞAHİN T., YILMAZ T., SINMAZÇELİK T.

KGK-KAUTSCHUK GUMMI KUNSTSTOFFE, vol.63, pp.291-295, 2010 (Journal Indexed in SCI)

- **Erodent Size Effect on the Erosion of Polyphenylene Sulfide Composite**

SINMAZÇELİK T., SARI N. Y.

POLYMER COMPOSITES, vol.31, pp.985-994, 2010 (Journal Indexed in SCI)

- **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, pp.2707-2715, 2010 (Journal Indexed in SCI)
- **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, pp.1476-1490, 2010 (Journal Indexed in SCI)
- **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, pp.411-416, 2010 (Journal Indexed in SCI)
- **Effects of Thermal Cycling on Static Bearing Strength of Pin-Connected Carbon/PPS Composites**
YILMAZ T., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.31, pp.328-333, 2010 (Journal Indexed in SCI)
- **Bearing Strength of Pin-Connected Polymer Composites Subjected to Dynamic Loading**
YILMAZ T., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.31, pp.25-31, 2010 (Journal Indexed in SCI)
- **Experimental Investigation of Acid Environment Influences on Load-Bearing Performance of Pin-Connected Continuous Glass-Fiber-Reinforced Polyphenylenesulfide Composites**
YILMAZ T., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.31, pp.1-9, 2010 (Journal Indexed in SCI)
- **Effects of hydrothermal aging on glass-fiber/polyetherimide (PEI) composites**
YILMAZ T., SINMAZÇELİK T.
JOURNAL OF MATERIALS SCIENCE, vol.45, pp.399-404, 2010 (Journal Indexed in SCI)
- **Effects of Geometric Parameters on the Pin-bearing Strength of Glass/Polyphenylenesulphide Composites**
YILMAZ T., SINMAZÇELİK T.
JOURNAL OF COMPOSITE MATERIALS, vol.43, pp.2239-2253, 2009 (Journal Indexed in SCI)
- **Fracture characteristics of high impact polystyrene under impact fatigue loadings**
YILMAZ T., ŞAHİN T., SINMAZÇELİK T.
JOURNAL OF MATERIALS SCIENCE, vol.44, pp.4308-4314, 2009 (Journal Indexed in SCI)
- **Laser welding of Ti6Al4V titanium alloys**
AKMAN E., DEMİR A., CANEL T., SINMAZÇELİK T.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.209, pp.3705-3713, 2009 (Journal Indexed in SCI)
- **Fracture morphology and deformation characteristics of repeatedly impacted thermoplastic matrix composites**
ÇOBAN O., BORA M. Ö. , SINMAZÇELİK T., CÜRGÜL İ., GÜNAY V.
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- **Characterization of the drilling alumina ceramic using Nd:YAG pulsed laser**
KAÇAR E., MUTLU M., AKMAN E., DEMİR A., CANDAN L., CANEL T., GÜNAY V., SINMAZÇELİK T.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.209, pp.2008-2014, 2009 (Journal Indexed in SCI)
- **On the life time prediction of repeatedly impacted thermoplastic matrix composites**
Bora M. Ö. , ÇOBAN O., SINMAZÇELİK T., Cuerguel I., Guenay V.
MATERIALS & DESIGN, vol.30, pp.145-153, 2009 (Journal Indexed in SCI)
- **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.
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- **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.
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- **Residual mechanical properties of carbon/polyphenylenesulphide composites after solid particle erosion**
SINMAZÇELİK T., FİDAN S., Gunay V.
MATERIALS & DESIGN, vol.29, pp.1419-1426, 2008 (Journal Indexed in SCI)
- **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, pp.108-113, 2007 (Journal Indexed in SCI)
- **Thermal aging effects on mechanical and tribological performance of PEEK and short fiber reinforced PEEK composites**
Sinmazcelik T., Yilmaz T.
MATERIALS & DESIGN, vol.28, pp.641-648, 2007 (Journal Indexed in SCI)
- **Erosive wear behaviour of carbon fibre/polyetherimide composites under low particle speed**
Sari N. Y. , Sinmazcelik T.
MATERIALS & DESIGN, vol.28, pp.351-355, 2007 (Journal Indexed in SCI)
- **Erosive wear behaviour of polyphenylenesulphide (PPS) composites**
Sinmazcelik T., Taskiran I.
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- **The effect of natural weathering on the mechanical, morphological and thermal properties of high impact polystyrene (HIPS)**
Sahin T., Sinmazcelik T., Sahin S.
MATERIALS & DESIGN, vol.28, pp.2303-2309, 2007 (Journal Indexed in SCI)
- **Investigation of load bearing performances of pin connected carbon/polyphenylene sulphide composites under static loading conditions**
Yilmaz T., Sinmazcelik T.
MATERIALS & DESIGN, vol.28, pp.520-527, 2007 (Journal Indexed in SCI)
- **Geometric parameters and chemical corrosion effects on bearing strength of polyphenylenesulphide PPS composites**
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