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Eğitim Bilgileri

Doktora, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Türkiye 1994 - 1997

Yüksek Lisans, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Türkiye 1992 - 1994

Lisans, Kocaeli Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 1988 - 1992

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

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

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

Araştırma Alanları

Triboloji , Makina Elemanları, Makina Tasarımı , Malzeme

Akademik Unvanlar / Görevler

Prof.Dr., Kocaeli Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2011 - Devam Ediyor

Mesleki Deneyim

Dekan Yardımcısı, Kocaeli Üniversitesi, Mühendislik Fakültesi, 2010 - Devam Ediyor

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **ND:YAG LASER DRILLING OF CONTINUOUS CARBON FIBRE REINFORCED EPOXY COMPOSITES**
CANEL T., ÇETİN B., FİDAN S., SINMAZÇELİK T.
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- **EROSIVE WEAR BEHAVIOUR OF SHOT PEENED INCONEL 718**
ÇULHA A., FİDAN S., SINMAZÇELİK T.
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- **SOLID PARTICLE EROSION EFFECTS ON SURFACE PLASTIC DEFORMATION OF ALUMINUM ALLOY**
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- **Dry Sliding Wear Behaviour of Shot Peened Ti6Al4V Alloys at Different Peening Times**
YILDIRAN Y., OKAN Y., KOÇOĞLU H., AVCU E., SINMAZÇELİK T.
7th International Advances in Applied Physics and Materials Science, Muğla, Türkiye, 22 - 26 Nisan 2017, ss.146
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- **Bilyalı Dövme Parametrelerinin Ti6Al4V Alaşımının Yüzey Pürüzlülüğüne Etkisi**
YILDIRAN Y., YETİK O., YAVUZYEĞİT B., AVCU E., SINMAZÇELİK T.
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- **EROZİF AŞINMA DAVRANIŞINA NOZULDAKİ ÇAP DARALMASININ ETKİLERİ**
ÖNEN B., FİDAN S., SINMAZÇELİK T., ÇINAR A.
VI. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Türkiye, 28 - 30 September 2016, cilt.1, ss.898-909
- **Investigation Parameter Effects on Tribological Performance of Short Carbon Fiber and Pumice Particle Reinforced PPS/PA66 Blend**
ŞAHİN A. E. , YILMAZ S., SINMAZÇELİK T., YILMAZ T.
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- **The Influences of The Erodent Particle Size Distribution on The Solid Particle Erosion of Ti6Al4V Alloy**
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- **The Influences of the Erodent Particle Size Distribution on the Solid Particle Erosion of Ti6Al4V Alloy**
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MONTREAL'2016 AES-ATEMA 28th International Conference on "Advances and Trends in Engineering Materials and their Applications", Montreal, Kanada, 20 - 24 June 2016, ss.149-158

- The Influences of The Erodent Particle Size on The Surface Roughness Parameter and 3D Surface Topography of Blast Cleaned Ti6Al4V Alloy**
 AVCU E., YILDIRAN Y., SINMAZÇELİK T.
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- Investigation of Thermal Mechanical Properties and Abrasive Wear Behaviour of Pumice Particle Short Carbon Fibre and POSS Reinforced PPS**
 YILMAZ S., ŞAHİN A. E. , GÜL O., SINMAZÇELİK T., YILMAZ T.
 The International Conference on Engineering and Natural Sciences (ICENS-2016), 24 - 28 May 2016
- Tribological Performance of Short Carbon Fiber and Pumice Particle Reinforced PPS/PA66 Blend**
 ŞAHİN A. E. , YILMAZ S., SINMAZÇELİK T., YILMAZ T.
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- Effect of Erodent Particle Velocity on Erosive Wear Behavior of AA6082 T6 Aluminum Alloy**
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 1st International Conference on Engineering Technology and Applied Sciences, AFYONKARAHİSAR, Türkiye, 21 - 22 April 2016, ss.393-399
- Pomza Tozu ve Karbon Elyaf Takviyeli Polifenilen Sülfid (PPS) Kompozitlerin Adhezif Aşınma Davranışının İncelenmesi**
 YILMAZ S., ŞAHİN A. E. , YILMAZ T., SINMAZÇELİK T.
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- THE EFFECT OF NOZZLE GEOMETRY ON EROSIWE WEAR BEHAVIOR OF POLYMETHYL METHACRYLATE**
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 4th International Conference of Engineering Against Failure (ICEAF IV), Yunanistan, 24 - 26 June 2015, ss.472-479
- Influence of Volcanic Ash Filler Content on Mechanical Properties of Polyphenylene Sulfide Composites**
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 4th International Conference of Engineering Against Failure (ICEAF IV), Skiathos, Yunanistan, 24 - 26 June 2015, ss.62-67
- Thermal and Dynamic Mechanical Properties of Volcanic Ash Reinforced Polyphenylene sulfide Composites**
 ÇOBAN O., BORA M. Ö. , FİDAN S., SINMAZÇELİK T.
 4th International Conference of Engineering Against Failure (ICEAF IV), 24 - 26 June 2015, ss.105-112
- 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
- Investigation of solid particle erosion mechanisms by using tilt angle SEM View methodology**
 YILDIRAN Y., AVCU E., SINMAZÇELİK T.
 22nd AES-ATEMA International Conference on Advances and Trends in Engineering Materials and Their Applications, Montreal, Kanada, 15 - 19 Haziran 2015, ss.65-74
- Investigation of erodent particle embedding in solidparticle erosion of Ti6Al4V alloy**
 YILDIRAN Y., AVCU E., SINMAZÇELİK T.
 22nd AES-ATEMA International Conference on Advances and Trends in Engineering Materials and Their Applications, Montreal, Kanada, 15 - 19 Haziran 2015, ss.75-85
- 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, Kanada, 15 - 19 June 2015, ss.65-74

- **Investigation of erodent particle embedding in solid particle erosion of Ti6Al4V Alloy**

AVCU E., YILDIRAN Y., SINMAZÇELİK T.

22nd International Conference on Advances and Trends in Engineering Materials and their Applications AES ATEMA, Montreal, Kanada, 15 - 19 June 2015, ss.75-85

- **The effects of erodent particle properties on the erosion behaviour of Ti6Al4V alloy**

BALYALI H. A. , HÜROL K., ESER H., YILDIRAN Y., AVCU E., SINMAZÇELİK T.

15th International Materials Symposium (IMSP'2014), Denizli, Türkiye, 15 - 17 October 2014, ss.957-963

- **The effects of shot peening methods and shot size on the surface roughness of spring steel**

YILDIRAN Y., AVCU E., ŞEBNEM Ö., DEMİR İ., GÜVEN A. T. , SINMAZÇELİK T.

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6th International Conference of the Balkan-Physical-Union, İstanbul, Türkiye, 22 - 26 Ağustos 2006, cilt.899, ss.331-332

- **Optimization 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, Türkiye, 22 - 26 Ağustos 2006, cilt.899, ss.303-304

- **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

- **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

- **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

- **Yüksek Darbe Dayanımlı Polistiren (YDDPS) Malzemede Darbeli Yorulma Davranışı**

ŞAHİN T., SINMAZÇELİK T., YILMAZ T.

7th International Fracture Conference, 19 - 21 October 2005

- **Statik Yükleme Şartlarında Karbon PPS Kompozitlerin Pim ile Yük Taşıma Performanslarının İncelenmesi**

YILMAZ T., SINMAZÇELİK T.

Havacılıkta İleri Teknolojiler ve Uygulamaları Sempozyumu (HİTEK), Türkiye, 9 - 10 December 2004

- **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, Türkiye, 14 - 16 July 2004

- **Impact-Fatigue Behaviour of Carbon/Polyetherimide (PEI) Composite Materials**

SINMAZÇELİK T., ARICI A. A. , YILMAZ T.

11th European Conference on Composite Materials (ECCM11), Yunanistan, 31 May - 03 June 2004

- **Weathering Effects on the Impact, Bulk and Surface Properties of Polyphenylene Sulphide (PPS) Composites**

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11th European Conference on Composite Materials (ECCM11), Yunanistan, 31 May - 03 June 2004

- **Microstructure Effects on Tribological Performance on PEEK and PEEK Composites**

YILMAZ T., SINMAZÇELİK T.

Atrflar

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