

Prof. TANER YILMAZ

Personal Information

Office Phone: [+90 262 303 3433](tel:+902623033433) Extension: 3433

Email: taner.yilmaz@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/taner.yilmaz>

Address: Kocaeli Üniversitesi Mühendislik Fakültesi Makine Mühendisliği Bölümü İzmit/KOCAELİ

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2002 - 2006

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2000 - 2002

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 1996 - 2000

Foreign Languages

Bulgarian, C1 Advanced

English, B2 Upper Intermediate

Dissertations

Doctorate, Polimer matrisli kompozitlerin pim ile yük taşıma özelliklerinin incelenmesi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 2006

Postgraduate, PEEK (polyetheretherketone) ve kompozitlerinde kısa fiber takviyesi ve mikro yapının tribolojik özelliklere etkisi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 2002

Research Areas

Mechanical Engineering, Construction and Manufacturing, Tribology, Machine Elements, Computer Aided Design and Manufacturing, Material, Engineering and Technology

Academic Titles / Tasks

Professor, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2018 - Continues

Associate Professor, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2012 - 2018

Assistant Professor, Kocaeli University, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım, 2009 - 2012

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2001 - 2008

Academic and Administrative Experience

Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2015 - 2016

Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2009 - 2011

Courses

Kompozit Malzemeler, Undergraduate
Bilgisayar Destekli Makina Resmi, Undergraduate
Makine Elemanları I, Undergraduate
Makine Elemanları II, Undergraduate

Advising Theses

Yılmaz T., Otomotivde kullanılan silecek sisteminin titreşim ve gürültü analizi, Postgraduate, U.ALTIN(Student), 2021
Yılmaz T., Termoplastik poliester elastomer matrisli kompozitlerin tribolojik ve mekanik özelliklerinin elyaf ve partikül takviye malzemeleri varlığında iyileştirilmesi, Doctorate, O.GÜL(Student), 2020
Yılmaz T., Yerel kaynaklar kullanılarak poli (Laktik asit) matrisli doğal kompozit malzeme geliştirilmesi, Postgraduate, U.DİNÇER(Student), 2020
Yılmaz T., Termoplastik poliester elastomerin özelliklerinin farklı elyaf türleri ve pomza ilavesiyle iyileştirilmesi, Postgraduate, Y.GÖKBERK(Student), 2020
Yılmaz T., Isıl yaşlanma ve takviye malzemesi türünün poli(eter eter keton) kompozitlerin özellikleri üzerine etkisi, Postgraduate, R.ŞADİ(Student), 2019
Yılmaz T., Karbon elyaf, grafen nanoplatelet ve zincir uzatıcı katkıların poliamit 6,6 kompozitlerin özellikleri üzerine eş zamanlı etkisinin incelenmesi, Postgraduate, E.KARATAŞ(Student), 2019
Yılmaz T., Doğal mineral ve elyaf takviyeli poli(fenilen sülfid) matrisli kompozitlerin üretimi ve özelliklerinin incelenmesi, Postgraduate, A.KIZIL(Student), 2019
Yılmaz T., Poliamit kompozitlerin kırılma tokluğu ve kırılma davranışının esas kırılma işi ve j-integral metotları ile analizi, Doctorate, S.YILMAZ(Student), 2015
Yılmaz T., Çok yüksek molekül ağırlıklı polietilenin hidrotermal yaşlandırma etkisi altındaki kırılma davranışı, Postgraduate, S.YILMAZ(Student), 2010

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

- I. **Investigation of the Synergistic Effect of Addition the Hybrid Carbon Fiber, Graphene Nanoplatelet and Matrix Modifier to Poly(phenylene sulphide) on Physical Properties**
Karşlı Yılmaz N. G. , Gül O., Yılmaz T.
FIBERS AND POLYMERS, vol.23, no.4, pp.1059-1067, 2022 (Journal Indexed in SCI Expanded)
- II. **From polymeric waste to potential industrial product: Modification of recycled polycarbonate**
Karşlı Yılmaz N. G. , Yılmaz T.
JOURNAL OF ELASTOMERS AND PLASTICS, vol.00, no.00, pp.1-20, 2022 (Journal Indexed in SCI Expanded)
- III. **A Study on Making recycled Polycarbonate more available: Modification of mechanical Properties**
Karşlı Yılmaz N. G. , Yılmaz T.
KGK KAUTSCHUK GUMMI KUNSTSTOFFE, vol.74, no.4, pp.70-76, 2021 (Journal Indexed in SCI Expanded)
- IV. **Synergetic effect of graphene nanoplatelet, carbon fiber and coupling agent addition on the tribological, mechanical and thermal properties of polyamide 6,6 composites**
Karatas E., GÜL O., Karsli N. G. , YILMAZ T.
COMPOSITES PART B-ENGINEERING, vol.163, pp.730-739, 2019 (Journal Indexed in SCI)
- V. **Effects of coupling agent addition on the adhesive wear, frictional and thermal properties of glass fiber reinforced polyamide 6,6 composites**
KARSLI YILMAZ N. G. , YILMAZ T., GÜL O.
Polymer Bulletin, 2018 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)

- VII. **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, no.4, pp.683-686, 2016 (Journal Indexed in SCI)
- VIII. **Thermal aging and reinforcement type effects on the tribological, thermal, thermomechanical, physical and morphological properties of poly(ether ether ketone) composites**
Karsli N. G. , DEMİRKOL S., YILMAZ T.
COMPOSITES PART B-ENGINEERING, vol.88, pp.253-263, 2016 (Journal Indexed in SCI)
- IX. **Effect of chain extender and terpolymers on tensile and fracture properties of polyamide 6**
YILMAZ S., GÜL O., YILMAZ T.
POLYMER, vol.65, pp.63-71, 2015 (Journal Indexed in SCI)
- X. **Effect of CBC and G-POSS on Tribological Behaviour of Polyamide 6 and Short Glass Fiber Reinforced Polyamide 6 Composites**
GÜL O., YILMAZ S., YILMAZ T.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1121-1123, 2015 (Journal Indexed in SCI)
- XI. **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, no.4, pp.1062-1064, 2015 (Journal Indexed in SCI)
- XII. **Effect of POSS and chain extender on tensile and fracture properties of neat and short glass fiber reinforced polyamide 6 composites**
YILMAZ S., YILMAZ T.
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, vol.67, pp.274-281, 2014 (Journal Indexed in SCI)
- XIII. **Essential work of fracture analysis of short glass fiber and/or calcite reinforced ABS/PA6 composites**
YILMAZ S., YILMAZ T., Kahraman B.
POLYMER ENGINEERING AND SCIENCE, vol.54, no.3, pp.540-550, 2014 (Journal Indexed in SCI)
- XIV. **Fracture toughness analysis of O-POSS/PLA composites assessed by essential work of fracture method**
YILMAZ S., KODAL M., YILMAZ T., ÖZKOÇ G.
COMPOSITES PART B-ENGINEERING, vol.56, pp.527-535, 2014 (Journal Indexed in SCI)
- XV. **Investigation of erosive wear behavior and physical properties of SGF and/or calcite reinforced ABS/PA6 composites**
Karsli N. G. , YILMAZ T., AYTAÇ A., ÖZKOÇ G.
COMPOSITES PART B-ENGINEERING, vol.44, no.1, pp.385-393, 2013 (Journal Indexed in SCI)
- XVI. **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, no.3, pp.333-350, 2011 (Journal Indexed in SCI)
- XVII. **Effect of annealing process in water on the essential work of fracture response of ultra high molecular weight polyethylene**
YILMAZ S., YILMAZ T., ARICI A. A.
JOURNAL OF MATERIALS SCIENCE, vol.46, no.6, pp.1758-1766, 2011 (Journal Indexed in SCI)
- XVIII. **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)
- XIX. **Influence of annealing duration on the erosive wear behavior of polyphenylenesulphide composites**
Yılmaz T.
JOURNAL OF MATERIALS SCIENCE, vol.45, pp.2381-2389, 2010 (Journal Indexed in SCI)
- XX. **Effects of Thermal Cycling on Static Bearing Strength of Pin-Connected Carbon/PPS Composites**

- YILMAZ T., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.31, no.2, pp.328-333, 2010 (Journal Indexed in SCI)
- XXI. **Bearing Strength of Pin-Connected Polymer Composites Subjected to Dynamic Loading**
YILMAZ T., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.31, no.1, pp.25-31, 2010 (Journal Indexed in SCI)
- XXII. **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, no.1, pp.1-9, 2010 (Journal Indexed in SCI)
- XXIII. **Effects of hydrothermal aging on glass-fiber/polyetherimide (PEI) composites**
YILMAZ T., SINMAZÇELİK T.
JOURNAL OF MATERIALS SCIENCE, vol.45, no.2, pp.399-404, 2010 (Journal Indexed in SCI)
- XXIV. **Effects of Geometric Parameters on the Pin-bearing Strength of Glass/Polyphenylenesulphide Composites**
YILMAZ T., SINMAZÇELİK T.
JOURNAL OF COMPOSITE MATERIALS, vol.43, no.20, pp.2239-2253, 2009 (Journal Indexed in SCI)
- XXV. **Fracture characteristics of high impact polystyrene under impact fatigue loadings**
YILMAZ T., ŞAHİN T., SINMAZÇELİK T.
JOURNAL OF MATERIALS SCIENCE, vol.44, no.16, pp.4308-4314, 2009 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **Geometric parameters and chemical corrosion effects on bearing strength of polyphenylenesulphide PPS composites**
YILMAZ T., SINMAZÇELİK T.
MATERIALS & DESIGN, pp.1695, 2007 (Journal Indexed in SCI Expanded)
- XXVIII. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effect of recycled polyethylene on storability of hazardous waste incinerator fly ashes: Towards a new composite material**
Korucu M. K. , Yamanoglu R., Karakulak E., Yilmaz T., Karsh Yilmaz N. G.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.24, pp.506-511, 2018 (International Refereed University Journal)
- II. **Plastik Dişli Çarklar ve Özellikleri**
YILMAZ T.
PAGEV Plastik Araştırma-Geliştirme ve İnceleme Dergisi, 2004 (National Non-Refereed Journal)
- III. **Polimer ve Polimer Matrisli Kompozit Malzemelerin Birleştirilmeleri: Mekanik Bağlama Elemanlarıyla Birleştirme**
SINMAZÇELİK T., YILMAZ T.
PAGEV Plastik Araştırma-Geliştirme ve İnceleme Dergisi, 2004 (National Non-Refereed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation the Effects of Pumice Addition on the Mechanical, Thermomechanical and Tribological Properties of PLA**
DİNCER U., KARSLI YILMAZ N. G. , ŞAHİN T., YILMAZ T.
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), Gaziantep, Turkey, 07 October 2020
- II. **Boric Acid Addition to Basalt Fiber Reinforced PLA Matrix Composites: Effect of the Surface Modification on Mechanical, Tribological and Thermomechanical Properties**
DİNCER U., KARSLI YILMAZ N. G. , YILMAZ T.
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), Gaziantep, Turkey, 07 October 2020
- III. **Investigation the Properties of Basalt/Glass Fiber Reinforced Thermoplastic Polyester Elastomer in the Presence of Hexagonal Boron Nitride**
GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), 7 - 09 October 2020
- IV. **Effects of Boric Acid Addition on the Mechanical, Tribological and Thermal Properties of Thermoplastic Polyester Elastomer**
GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), 7 - 09 October 2020
- V. **Mechanical, Thermomechanical and Tribological Properties of Basalt Fiber and Pumice Included Poly (Lactic Acid) Matrix Composites**
DİNCER U., KARSLI YILMAZ N. G. , YILMAZ T.
Euro Asia 7th International Congress on Applied Sciences, Trabzon, Turkey, 21 August 2020
- VI. **MECHANICAL, THERMOMECHANICAL AND TRIBOLOGICAL PROPERTIES OF BASALT FIBER AND PUMICE INCLUDED POLY (LACTIC ACID) MATRIX COMPOSITES**
Yılmaz T.
EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Trabzon, Turkey, 21 - 22 August 2020, pp.383
- VII. **Investigation the Effects of Boric Acid Addition on the Tribological, Mechanical and Thermomechanical Properties of Poly (Lactic Acid)**
DİNCER U., KARSLI YILMAZ N. G. , YILMAZ T.
Euro Asia 7th International Congress on Applied Sciences, Trabzon, Turkey, 21 August 2020
- VIII. **Pumice Addition to Basalt/Carbon/Glass Fiber Reinforced TPE Matrix Composites: Mechanical, Tribological and Thermal Properties**
KARTAL Y. G. , GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
International Marmara Sciences Congress (IMASCON Spring 2020), 19 - 20 June 2020
- IX. **TRIBOLOGICAL AND THERMOMECHANICAL PROPERTIES OF BENTONITE AND CARBON FIBER REINFORCED PPS MATRIX COMPOSITES**
KIZIL A., DİNÇER U., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
4th International Symposium on Composite Materials (KOMPEGE 2018), İzmir, Turkey, 6 - 08 September 2018
- X. **EFFECT OF ZEOLITE ADDITION ON THE MECHANICAL AND THERMAL PROPERTIES OF BASALT FIBER REINFORCED PPS MATRIX COMPOSITES**
GÜL O., KIZIL A., DİNÇER U., KARSLI YILMAZ N. G. , YILMAZ T.
4th International Symposium on Composite Materials (KOMPEGE 2018), İzmir, Turkey, 6 - 08 September 2018
- XI. **INVESTIGATION THE TRIBOLOGICAL AND THERMOMECHANICAL PROPERTIES OF WOOD-FLOUR AND BASALT FIBER REINFORCED POLY(LACTIC ACID) MATRIX HYBRID COMPOSITES**
Gül O., Kızıl A., Dinçer U., Karşlı Yılmaz N. G. , Yılmaz T.
4th International Symposium on Composite Materials (KOMPEGE 2018), İzmir, Turkey, 6 - 08 September 2018
- XII. **Zeolite Addition to Basalt Fiber Reinforced PPS Matrix Composites: Investigation the Tribological and Thermomechanical Properties**

DİNÇER U., KIZIL A., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.

V. International Multidisciplinary Congress of Eurasia, V. International Multidisciplinary Congress of Eurasia (IMCOFE), Barcelona, Spain, 24 - 26 July 2018

- XIII. **Investigation the Mechanical and Thermal Properties of TPE in the Presence of Basalt Fiber and Boron Oxide Hybrid Addition**
GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
V. International Multidisciplinary Congress of Eurasia, V. International Multidisciplinary Congress of Eurasia (IMCOFE), Barcelona, Spain, 24 - 26 July 2018
- XIV. **Effect of Bentonite Addition on the Mechanical and Thermal Properties of Carbon Fiber Reinforced PPS Matrix Composites**
KIZIL A., DİNÇER U., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
V. International Multidisciplinary Congress of Eurasia, V. International Multidisciplinary Congress of Eurasia (IMCOFE), Barcelona, Spain, 24 - 26 July 2018
- XV. **Effects of Basalt Fiber and Boron Oxide Hybrid Addition on Adhesive Wear and Thermomechanical Properties of TPE Matrix Composites**
GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
2ND INTERNATIONAL CONFERENCE ON TRIBOLOGY (TURKEYTRIB'18), İstanbul, Turkey, 18 - 20 April 2018
- XVI. **Zeolite and Carbon Fiber Reinforced PPS Matrix Hybrid Composites: Tribological and Thermomechanical Properties**
DİNÇER U., KIZIL A., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
2ND INTERNATIONAL CONFERENCE ON TRIBOLOGY (TURKEYTRIB'18), İstanbul, Turkey, 18 - 20 April 2018
- XVII. **Investigation the Tribological and Thermomechanical Properties of Bentonite and Basalt Fiber Reinforced PPS Matrix Composites**
KIZIL A., DİNÇER U., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
2ND INTERNATIONAL CONFERENCE ON TRIBOLOGY (TURKEYTRIB'18), 18 - 20 April 2018
- XVIII. **Investigation the Adhesive Wear, Mechanical and Thermal Properties of Polyamide 6,6 in the Presence of PBO, CBC and POSS Chain Extender**
GÜL O., KARATAŞ E., KARSLI YILMAZ N. G. , YILMAZ T.
International Academic Research Congress-INES 2017, 18 - 21 October 2017
- XIX. **Mechanical, Thermal and Morphological Properties of Carbon Fiber and Graphene Nanoplatelet Reinforced Polyamide 6,6 Hybride Composites: Effect of Chain Extender Addition**
KARATAŞ E., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
International Academic Research Congress-INES 2017, 18 - 21 October 2017
- XX. **Effects of Coupling Agent Addition on the Fracture Toughness, Mechanical, Thermal and Morphological Properties of Glass Fiber Reinforced Polyamide 6,6 Matrix Composites**
GÜL O., KARATAŞ E., KARSLI YILMAZ N. G. , YILMAZ T.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017
- XXI. **Mechanical, Thermal and Morphological Properties of Graphene Nanoplatelet and Carbon Fiber Reinforced Poly(Phenylene Sulphide) Composites In The Presence Of Glycidyl Methacrylate Terpolymer as Matrix Modifier**
GÜL O., KARATAŞ E., KARSLI YILMAZ N. G. , YILMAZ T.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017
- XXII. **Investigation Adhesive Wear and Thermomechanical Properties of Carbon Fiber Reinforced Poly(Phenylene Sulphide) Composites In The Presence Of Graphene Nanoplatelet and Glycidyl Methacrylate Terpolymer**
KARATAŞ E., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.
9th International Conference on Tribology, BALKANTRIB'17, 13 - 15 September 2017
- XXIII. **Investigation Effect of Graphene Nanoplatelet and 1,4-phenylene-bis- oxazoline Chain Extender Addition on Adhesive Wear and Thermomechanical Properties of Carbon Fiber Reinforced PA6,6 Composites**
KARATAŞ E., GÜL O., KARSLI YILMAZ N. G. , YILMAZ T.

9th International Conference on Tribology, BALKANTRIB'17, 13 - 15 September 2017

- XXIV. **Investigation the Effect of Chain Extender Addition on the Adhesive Wear, Thermal and Thermomechanical Properties of Glass Fiber Reinforced Polyamide 6,6 Composites**
GÜL O., KARATAŞ E., KARSLI YILMAZ N. G. , YILMAZ T.
9th International Conference on Tribology, BALKANTRIB'17, 13 - 15 September 2017
- XXV. **POLİFENİLENSÜLFİD MATRİSLİ KOMPOZİTLERDE KISA CAM FİBER TAKVİYESİNİN TRİBOLOJİK ÖZELLİKLERE ETKİSİ**
YETİŞTİREN H., ZEREN A., YILMAZ T.
Uluslararası Mühendislik Araştırmaları Sempozyumu, UMAS 2017, 11 - 13 September 2017
- XXVI. **Effect of Chain Extender and Impact Modifier Addition on Adhesive Wear and Thermal Properties of Recycled Polycarbonate**
KARATAŞ E., KARSLI YILMAZ N. G. , YILMAZ T.
7th International Advances in Applied Physics and Materials Science Congress Exhibition (APMAS 2017), 22 - 26 April 2017
- XXVII. **Simultaneously Improvement of the Mechanical Strength and Fractural Toughness Properties of Recycled Polycarbonate in the Presence of Diisocyanate Based Chain Extender and Glycidyl Methacrylate Terpolymer Based Impact Modifier**
KARATAŞ E., KARSLI YILMAZ N. G. , YILMAZ T.
7th International Advances in Applied Physics and Materials Science Congress Exhibition (APMAS 2017), 22 - 26 April 2017
- XXVIII. **The Effect of Natural Weathering on the Morphological and Thermal Properties of Polyetherimide (PEI) Composites**
ŞAHİN T., ŞAHİN Ş., YILMAZ T.
7th International Advances in Applied Physics and Materials Science Congress Exhibition (APMAS 2017), 22 - 26 April 2017
- XXIX. **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.
MACRO 2016-46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XXX. **Simultaneously Improvement of the Mechanical Strength and Fractural Toughness Properties of Recycled Polycarbonate**
DEMİR D., KARSLI YILMAZ N. G. , YILMAZ T.
MACRO 2016-46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XXXI. **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.
6th International Advances in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016
- XXXII. **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
- XXXIII. **Tribological Performance of Short Carbon Fiber and Pumice Particle Reinforced PPS/PA66 Blend**
ŞAHİN A. E. , YILMAZ S., SINMAZÇELİK T., YILMAZ T.
The International Conference on Engineering and Natural Sciences (ICENS), 24 - 28 May 2016
- XXXIV. **POMZA TOZU VE KARBON ELYAF TAKVİYELİ POLİFENİLEN SÜLFİD PPS KOMPOZİTLERİN ADHEZİF AŞINMA DAVRANIŞININ İNCELENMESİ**
YILMAZ S., ŞAHİN A. E. , YILMAZ T., SINMAZÇELİK T.
ULUSLARARASI KATILIMLI III. EGE KOMPOZİT MALZEMELER SEMPOZYUMU, 5 - 07 November 2015
- XXXV. **Pomza Tozu ve Karbon Elyaf Takviyeli Polifenilen Sülfid (PPS) Kompozitlerin Adhezif Aşınma Davranışının İncelenmesi**
YILMAZ S., ŞAHİN A. E. , YILMAZ T., SINMAZÇELİK T.

Uluslararası Katılımlı III. Ege Kompozit Malzemeler Sempozyumu, Turkey, 5 - 07 November 2015

XXXVI. Geri Dönüştürülmüş PET Polikarbonat Harmanlarının Özelliklerinin Zincir Uzatıcı Kullanılarak İyileştirilmesi

GÜL O., KARSLI YILMAZ N. G. , YILMAZ S., YILMAZ T.

I. Ulusal Plastik Teknolojileri Sempozyumu"Plastikler, Polimer Kompozitler, Şekillendirme Teknolojileri, Turkey, 15 - 16 October 2015

XXXVII. GERİ DÖNÜŞTÜRÜLMÜŞ PET VE POLİKARBONAT HARMANLARININ ÖZELLİKLERİNİN ZİNCİR UZATICI KULLANILARAK İYİLEŞTİRİLMESİ

GÜL O., KARSLI YILMAZ N. G. , YILMAZ S., YILMAZ T.

1. Ulusal Plastik Teknolojileri Sempozyumu (UPTS2015), Turkey, 15 - 16 October 2015

XXXVIII. Isıl Yaşlanma ve Takviye Malzemesi Türünün Poli(Eter Eter Keton) Kompozitlerin Özellikleri Üzerine Etkisi

DEMİRKOL Ş., KARSLI YILMAZ N. G. , YILMAZ T.

I. Ulusal Plastik Teknolojileri Sempozyumu"Plastikler, Polimer Kompozitler, Şekillendirme Teknolojileri, Turkey, 15 - 16 October 2015

XXXIX. Improvement the toughness and crack propagation resistance properties of Poly phenylenesulphide PPS

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

XL. Improvement the Toughness and Crack Propagation Resistance Properties of Poly Phenylene Sulfide

ÇETİN B., ŞAHİN A. E. , YILMAZ T., SINMAZÇELİK T., CÜRGÜL İ.

5th International Advances in Applied Physics and Materials Science Congress Exhibition, Muğla, Turkey, 16 - 19 April 2015

XLI. Improvement the Toughness and Crack Propagation Resistance Properties of Poly Phenylene Sulfide (PPS)

ÇETİN B., ŞAHİN A. E. , YILMAZ T., SINMAZÇELİK T., CÜRGÜL İ.

5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS 2015), 16 - 19 April 2015

XLII. 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

XLIII. Investigation the Properties of Recycled PET/PC Blends In the Presence of Epoxy Based Chain Extender

GÜL O., YILMAZ S., KARSLI YILMAZ N. G. , YILMAZ T.

5th INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS & EXHIBITION, 16 - 19 April 2015

XLIV. Fracture Toughness Evaluation Of Toughened Polyamide 6 with Lotader And Chain Extenders

YILMAZ S., YILMAZ T.

ICCE-22 Twenty Second Annual International Conference on Composites/Nano Engineering, 13 - 19 July 2014

XLV. Essential Work of Fracture Toughness and Mechanical Properties of Recycled PA 6

GÜL O., YILMAZ S., YILMAZ T.

22nd Annual International Conference on Composites or Nano Engineering, ICCE-22, 13 - 19 July 2014

XLVI. The Twenty second Annual International Conference on COMPOSITES NANO ENGINEERING ICCE 22

GÜL O., YILMAZ S., YILMAZ T.

4. The International Advances In Applied Physics And Materials Science CongressExhibition, APMAS 2014, 24 - 27 April 2014

XLVII. Thermomechanical and Solid Particle Erosion Behavior of CaCO₃ and SGF (Short Glass Fibre) Reinforced ABS/PA6 Composites

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

- XLVIII. **Investigation of Tribological Performance of Polyamide 6 PA6 Short Fiber Reinforced PA6 Composites**
GÜL O., YILMAZ S., YILMAZ T.
4. The International Advances In Applied Physics And Materials Science Congress&Exhibition, APMAS 2014, 24 - 27 April 2014
- XLIX. **Investigation of Tribological Performance of Polyamide 6 (PA6) and Short Fiber Reinforced PA6 Composites**
GÜL O., YILMAZ T.
4th International Advances in Applied Physics and Materials Science Congress&Exhibition (APMAS 2014), 24 - 27 April 2014
- L. **FARKLI KALIP SICAKLIKLARINDA ÜRETİLEN POSS KATKILI PA 6 MATRİSLİ KOMPOZİTLERİN KIRILMA DAVRANIŞLARININ ESAS KIRILMA İŞİ METODU İLE KARAKTERİZASYONU**
YILMAZ S., GÖR A., YILMAZ T.
II. Ulusal Ege Kompozit Malzemeler Sempozyumu - KOMPEGE 2013, Turkey, 7 - 09 November 2013
- LI. **Farklı Kalıp Sıcaklıklarında Üretilen POSS Katkılı PA6 Matrisli Kompozitlerin Kırılma Davranışlarının Esas Kırılma İşİ Metodu ile Karakterizasyonu**
YILMAZ S., GÖR A., YILMAZ T.
II. Ulusal Ege Kompozit Malzemeler Sempozyumu, Turkey, 7 - 09 November 2013
- LII. **Fracture Behavior of O-POSS/PLA Composites by Using the Essential Work of Fracture Method**
YILMAZ S., KODAL M., YILMAZ T., ÖZKOÇ G.
4th International Conference on Biodegradable and Biobased Polymers-BIOPOL, Italy, 2 - 04 October 2013
- LIII. **Investigation of Erosive Wear Behavior of ABS/PA6 Polymer Composites Reinforced With Different Fillers**
KARSLI YILMAZ N. G. , YILMAZ T., AYTAÇ A., ÖZKOÇ G.
III. Uluslararası Polimerik Kompozitler Sempozyumu, Sergisi ve Çalıştay Programı, İzmir, Turkey, 10 - 12 November 2012
- LIV. **Farklı Dolgu Maddeleri ile Takviye Edilmiş ABS/PA6 Polimer Karışımlarının Erozif Aşınma Davranışının İncelenmesi**
KARSLI YILMAZ N. G. , YILMAZ T., AYTAÇ A., ÖZKOÇ G.
3rd International Polymeric Composites Symposium, Exhibition and Workshop, 9 - 11 November 2012
- LV. **Cam Elyafı ve Kalsit Takviyeli ABS/PA6 Kompozitlerin Kırılma Davranışlarının Esas Kırılma İşİ Yöntemi ile İncelenmesi**
KAHRAMAN B., YILMAZ S., YILMAZ T.
4. Ulusal Polimer Bilim ve Teknoloji Kongresi, Turkey, 5 - 08 September 2012
- LVI. **Hidrotermal Yaşlandırmanın Çok Yüksek Molekül Ağırlıklı Polietilen Malzemenin Kırılma Davranışına Etkisi**
YILMAZ S., ARICI A. A. , YILMAZ T.
3. Ulusal Polimer Bilim ve Teknoloji Kongresi, Turkey, 12 - 14 May 2010
- LVII. **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
- LVIII. **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
- LIX. **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

- LX. **Yüksek Darbe Dayanımlı Polistiren (YDDPS) Malzemede Darbeli Yorulma Davranışı**
ŞAHİN T., SINMAZÇELİK T., YILMAZ T.

7th International Fracture Conference, 19 - 21 October 2005

- LXI. **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

- LXII. **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

- LXIII. **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

- LXIV. **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

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

YILMAZ T., SINMAZÇELİK T.

4th International Conference on Tribology "Balkantrib2002, Turkey, 12 June 2002

Supported Projects

Karlı Yılmaz N. G. , Yılmaz T., Durmuş A., TUBITAK Project, Debriyaj Disklerinde Kullanılmak Üzere Termoplastik Poliester Elastomer Matrisli Kompozit Yay Malzemesi Geliştirilmesi, 2018 - 2021

Karlı Yılmaz N. G. , Yılmaz T., Şahin T., TUBITAK Project, Pomza, Borik Asit Ve Bazalt Elyaf Yerel Kaynakları Kullanılarak Yüksek Performanslı Doğal Kompozit Malzeme Geliştirilmesi, 2018 - 2020

YILMAZ T., Project Supported by Higher Education Institutions, TERMOPLASTİK POLİESTER ELESTOMER MATRİSLİ KOMPOZİTLERİN TRİBOLOJİK VE MEKANİK ÖZELLİKLERİNİN ELYAF VE PARTİKÜL TAKVİYE MALZEMELERİ VARLIĞINDA İYİLEŞTİRİLMESİ, 2018 - 2019

YILMAZ T., YAMANOĞLU R., Project Supported by Higher Education Institutions, CAM ELYAF TAKVİYELİ POLİAMİT 6,6 KOMPOZİTLERİNİN MEKANİK DAYANIM VE KIRILMA TOKLUĞU ÖZELLİKLERİNİN EŞ ZAMANLI OLARAK İYİLEŞTİRİLMESİ, 2016 - 2018

YILMAZ T., Project Supported by Higher Education Institutions, BOR OKSİT VE BORİK ASİT MİNERALLERİNİN MEKANİK ÖZELLİKLERİ VE AŞINMA DAVRANIŞI ÜZERİNE ETKİSİ, 2016 - 2017

Karlı Yılmaz N. G. , Yılmaz T., TUBITAK Project, 2015 - 2017

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

YILMAZ T., Project Supported by Higher Education Institutions, ZİNCİR UZATICI VARLIĞINDA GERİ DÖNÜŞTÜRÜLMÜŞ PET/ POLKARBONAT KARIŞIMLARININ ÖZELLİKLERİNİN İNCELENMESİ, 2015 - 2016

YILMAZ T., Project Supported by Higher Education Institutions, CBC VE POSS KATKISININ CAM FİBER TAKVİYELİ PA 6 MATRİSLİ KOMPOZİTLERİN KIRILMA DAVRANIŞINA ETKİSİ, 2014 - 2014

YILMAZ T., TUBITAK Project, Cam Fiber Takviyeli PA6 Kompozitlerin Kırılma Davranışı ve Kırılma Tokluğunun EWF ve J İntegral Yöntemi ile İncelenmesi, 2013 - 2014

YILMAZ T., TUBITAK Project, Farklı Dolgu Maddeleri ile Takviye Edilmiş ABS/PA6 Polimer Karışımlarının Erosif Aşınma Davranışının İncelenmesi, 2010 - 2011

Citations

Total Citations (WOS):331

h-index (WOS):10